

BRAVIA

Sony Reference Book

KDL-52W5100 KDL-52W5150 KDL-46W5100 KDL-46W5150 KDL-40W5100



Welcome to the Sony Online Reference Book

This manual is a part of Sony's eco-friendly initiatives to help reduce the consumption of natural resources. Use the printed Operating Instructions, the Quick Setup Guide, and this online Reference Book to fully enjoy your TV.

For the best online experience, use the latest version of Firefox or Internet Explorer.

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Getting Started

- Installing the TV
- Locating Inputs and Outputs
- Connecting the TV
- Setting Up the Channel List-Initial Setup
- <u>Network Setup</u>



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Getting Started > Insta	lling the TV				٩
Installing the	e TV				
This TV can be mounted	l on a wall using a Wall-Mo	unt Bracket or placed on a TV sta	and (each sold separately)). This section explains:	
How to carry the December of the December	<u>ne TV</u>				

- Preparation for a Table-Top stand
- Using a Wall-Mount Bracket
- Installing the Wall-Mount Bracket
- When Installing the TV Against a Wall or Enclosed Area
- Bundling the connecting cables
- Securing the TV

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Getting Started > Installing the TV > How to Carry the TV

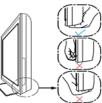
How to Carry the TV

Some TV models are packaged with a detached Table-Top Stand so you can mount your TV to a wall right away. If you are not mounting the TV to a wall, you will need to attach the Table-Top Stand. You will need a Phillips screwdriver and the supplied screws to complete the task. Look for the attachment instructions provided with the TV.

Be sure to consider the following while setting up your TV:

- Disconnect all cables when carrying the TV.
- Carry the TV with the adequate number of people; larger size TVs require two or more people.
- Correct hand placement while carrying the TV is very important for safety and to avoid damage.
- Ensure your TV has adequate ventilation.
- For best picture quality, do not expose the screen to direct illumination or sunlight.
- Avoid installing the TV in a room with reflective wall and floor materials.
- Avoid moving the TV from a cold area to a warm area. Sudden room temperature changes may
 cause moisture condensation. This may cause the TV to show poor picture and/or poor color.
 Should this occur, allow moisture to evaporate completely before powering the TV on.





Next to Preparation for Table-Top Stand

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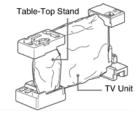
Getting Started > Installing the TV > Preparation for a Table-Top Stand

Preparation for a Table-Top Stand

Follow the assembling steps required to place on a TV stand.

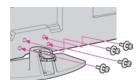
1) Remove the Table-Top Stand. For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.

- 2) Place the Table-Top Stand on a level and stable surface. The screws are attached to the Table-Top Stand.
- 3) Gently slide the TV unit onto the neck of the Table-Top Stand and align the screw holes.
 - Do not put stress on the LCD panel or the frame around the screen.
 - Be careful to not pinch your hands or the AC power cord when you install the TV unit to the Table-Top Stand.
- 4) Use the supplied screws to attach the TV unit to the Table-Top Stand (refer to the "Attaching the Table-Top Stand" flyer found inside the carton). If an electric screwdriver is used, set the torque to tighten at approximately 1.5 N⋅m, 15 Kgf⋅cm.









Next to Using a Wall-Mount Bracket 🗨

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Using a Wall-Mount Bracket

Your TV can be mounted to a wall using the Wall-Mount Bracket (not supplied) out of the box as packaged.

Prepare the TV for the Wall-Mount Bracket before making cable connections.

Sony strongly recommends that you use the Wall-Mount Bracket model designed for your TV and that wall-mounting of your TV should be performed by a Sony dealer or licensed contractor.

- Follow the instruction guide provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
- 8-12 mm M6 screw (supplied with the Wall-Mount Bracket) Mounting Hook Rear of the TV set
- Be sure to use the screws supplied with the Wall-Mount Bracket when attaching the mounting
 hooks to the TV set. (Do not use the screws that are intended for the Table-Top Stand attachment.)
 The supplied M6 screws are designed so that they are 8 mm to 12 mm in length when measured
 from the attaching surface of the mounting hook. Use of screws other than those supplied with the
 bracket may result in internal damage to the TV set or cause it to fall, etc.
- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

For details on how to use the Wall-Mount Bracket compatible with your model, visit <u>www.sony.com/accessories</u> or call 1-800-488-7669 (United States) 1-877-899-7669 (Canada)

Follow the simple steps below to remove the Table-Top Stand:

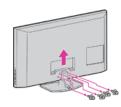
- 1) Unplug the AC power cord and disconnect all the cables from the TV.
- 2) Secure the Mounting Hook to the rear of the TV.
- 3) Adjust the angle of the Mounting Hook.
- Remove the screws on the rear of the TV (see illustration in the next column). Do not remove any other screws from the TV.
- 5) When screws are removed, lift the TV off the stand. Make sure that you carry out this task with at least two or three people. Do not attempt to lift the TV by yourself.

Back to Preparation for a Table-Top Stand

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Next to Installing the Wall-Mount Bracket 🔿



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Installing the Wall-Mount Bracket (Page 1 of 3)

To Customers

Your TV can be wall-mounted using a Wall-Mount Bracket (sold separately). Use your TV with the Sony Wall-Mount Bracket Model number: SU-WL500

For product protection and safety, Sony strongly recommends that you use the Wall-Mount Bracket designed for your TV (SU-WL500) and wall-mounting is performed by a Sony dealer or a licensed contractor. Do not attempt to install it yourself. Sony is not liable for any damage or injury caused by mishandling or improper installation.

Please provide your licensed contractor with this installation information section as well as instructions supplied with the Wall-Mount Bracket.

To Sony Dealers and Licensed Contractors

To avoid injury and property damage, read these instructions carefully. Periodic inspection and maintenance is highly recommended to ensure that the TV is securely mounted.

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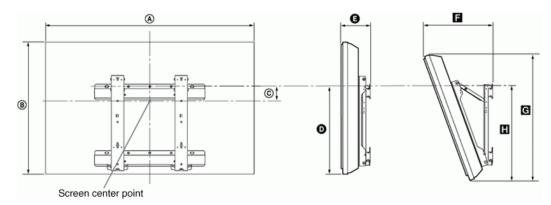
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Installing the Wall-Mount Bracket (Page 2 of 3)

Installing the Wall-Mount Bracket and Mounting Hooks

1) Open the Wall-Mount Bracket package and check for all the required parts along with the Instructions.

2) Decide where you want to install your TV. Refer to the TV installation dimensions table.



Dimensions Table

Unit: inches (mm)

	Display	Dimension	Screen	Length of	Mounting	Ŀ	ength of Mountir	ng	
Model Name	width	height	center	at 0 d	egree	at 20 degree angle			
	А	В	С	D	D E F			н	
KDL-40W5100	37 3/4	23 1/2	5	17 1/4	5 3/8	12 3/8	22 1/8	18 1/2	
KDL-40W5100	(958)	(596)	(126)	(436)	(135)	(314)	(561)	(467)	
KDL-46W5100	43	26 1/2	3 1/2	17 1/4	5 3/8	13 1/2	25	18 1/2	
KDL-46W5150	(1,091)	(672)	(87)	(436)	(135)	(340)	(632)	(467)	
KDL-52W5100	48 7/8	30 1/4	1 13/16	17 5/8	5 3/8	14 5/8	28 3/4	18 1/2	
KDL-52W5150	(1,240)	(767)	(46)	(445)	(135)	(369)	(729)	(476)	

Figures in the above table may differ slightly depending on the installation.

The wall that the TV will be installed on should be capable of supporting a weight of at least four times that of the TV. Refer to your TV's operating instructions or the <u>Specifications</u> section of this online Reference Book for its weight.

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Installing the Wall-Mount Bracket and Mounting Hooks (continued)

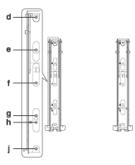
4) Disconnect all cables and remove the Table-Top Stand.

5) Secure the Mounting Hook to the rear of the TV. Determine the screw locations and secure the Mounting Hooks to the rear of the TV. Refer to the "Screw and Hook Locations Diagram/Table" shown here

Model Name	Screw Locations	Hook Location
KDL-40W5100		
KDL-46W5100		
KDL-46W5150	d, g	b
KDL-52W5100		
KDL-52W5150		

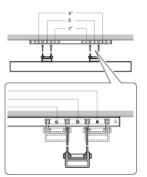
Screw Location

When installing the Mounting Hooks on the TV





When installing the TV onto Base Bracket.



* Hook position "a" and "c" cannot be used for the models for W5100 and W5150 series.

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Next to When Installing the TV Against a Wall or Enclosed Area

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Getting Started

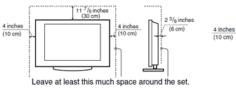
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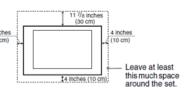
When Installing the TV Against a Wall or Enclosed Area

Make sure that your TV has adequate air circulation. Allow enough space around the TV as shown below. Avoid operating the TV at temperatures below 41 °F (5 °C).

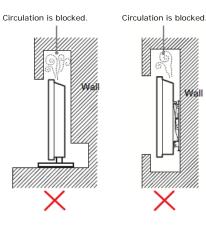
Installed on the wall

Installed with stand





Never install the TV set as follows:



■ Inadequate air circulation can lead to overheating of the TV and may cause damage to your TV or cause a fire.

Consider the following for best picture quality

- Do not expose the screen to direct illumination or sunlight.
- Use spot lighting directed down from the ceiling or cover the windows that face the screen with opaque drapery.
- Install the TV in a room where the floor and walls are not of a reflective material.
- When moving the TV from a cold area to a warm area, sudden change in room temperature may cause the TV's picture to blur or show poor color due to moisture condensation. Should this occur, please wait a few hours to allow the moisture to evaporate before powering on the TV.

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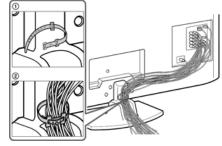
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<u>Getting Started</u> > <u>Installing the TV</u> > Bundling the Connecting Cables

Bundling the Connecting Cables

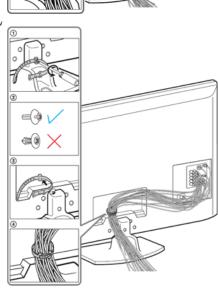
Use the attached cable clamper to bundle the connecting cables. The cable clamper is located on the Table-Top Stand as illustrated.

Do not bundle the AC power cord with other connecting cables. This can affect the picture quality.



When using a Wall-Mount Bracket, your connected cables can be clamped to an alternate location. Follow the steps below.

- 1) Remove the cable clamper from the Table-Top Stand using a Phillips screwdriver (not supplied).
- 2) Make sure that the tip of the plastic fastener you removed is closed as shown in (2).
- 3) Locate the alternate hole to attach the cable clamper on the TV rear cover as shown in (3). Push the fastener into the hole.
- 4) Bundle the cables and close the clamper.



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Securing the TV (Page 1 of 3)



Sony strongly recommends taking measures to prevent the TV from toppling over. Unsecured TVs may topple and result in property damage, serious bodily injury or even death.

Prevent the TV from Toppling Over

- Secure the TV to a wall and/or stand.
- Do not allow children to play or climb on furniture and TV sets.
- Avoid placing or hanging items on the TV.
- Never install the TV on:
 - O slippery, unstable and/or uneven surfaces.
 - O furniture that can easily be used as steps, such as a chest of drawers.
- Install the TV where it cannot be pulled, pushed, or knocked over.
- Route all AC power cords and connecting cables so that they are not accessible to curious children.

Back to Bundling the Connecting Cables

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Use a Sony TV Stand

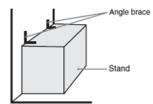
Use a Sony specified TV stand and follow the instruction manual provided with the Sony TV stand. If a Sony specified TV stand is not used, consider the following recommended measures.

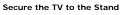
Recommended Measures to Secure the TV

Secure the Stand for the TV

Make sure the TV stand can adequately support the weight of the TV. Use two angle braces (not supplied) to secure the stand. For each angle brace use the appropriate hardware to:

- Attach one side of the angle brace to the wall stud.
- Attach the other side to the TV stand.





Use the optional hardware listed below (not supplied):

- M4 × 20 machine screw (screwed into the TV's Table-Top Stand)
- A screw or similar (attach it to the TV stand)
- Rope or chain (strong enough to support the weight of the TV). Make sure that there is no excess slack in the rope or chain.

An alternative way to secure the TV is with an optional Sony Support Belt Kit.

- Contact Sony Customer Support to purchase the optional Support Belt Kit by providing your TV model name.
- For United States call: 1-800-488-7669 or visit: www.sony.com/accessories
- For Canada call: 1-877-899-7669

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Screw hole on the Table-Top Stand M4 × 20 machine

screw

Screv

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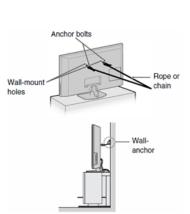
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Anchor the TV to the Wall

Use the hardware listed below (not supplied):

- Two M6 ×14 mm anchor bolts (screw into the top-most wall-mount holes located on the rear of the TV)
- Rope or chain (attach to one M6 anchor bolt)
- Wall-anchor (attach to the wall stud) strong enough to support the weight of the TV (pass the rope through the wall-anchor, then attach to the other M6 anchor bolt)
- Securing the TV to the stand without securing the TV and the stand to the wall provides minimum protection against the TV toppling over. For further protection, be sure to follow the three measures recommended.



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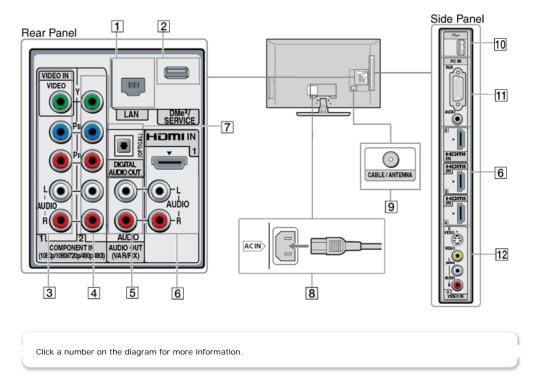
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Locating Inputs and Outputs

Click on a number to view that feature's description.



An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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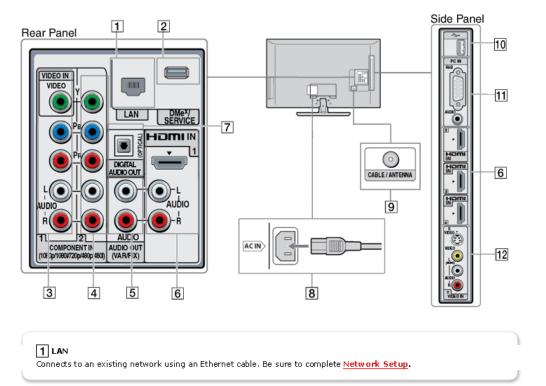
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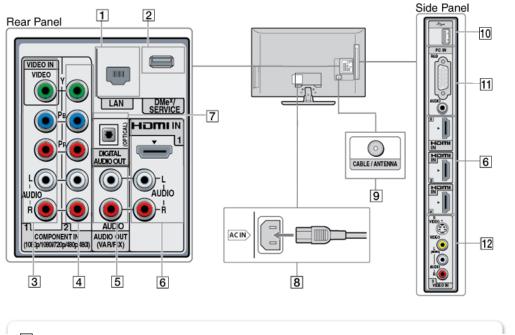
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Click on a number to view that feature's description.



2 DMe^{*}/SERVICE

This USB port is only for service unless you are connecting an optional BRAVIA Link module (DMe*).

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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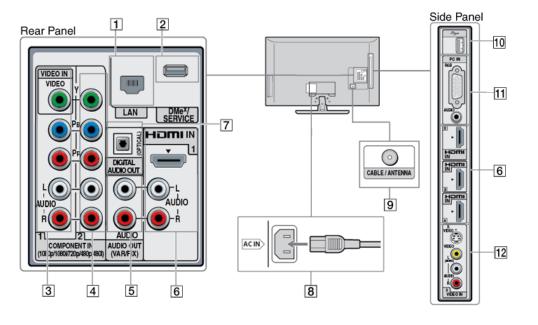
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Click on a number to view that feature's description.



3 VIDEO IN 1/COMPONENT IN 1 (1080p/1080i/720p/480p/480i)/L-AUDIO-R

This input port can be used as composite video input (VIDEO 1) or as component video input (COMPONENT 1). For composite use, connect the yellow jack to Y for video and use audio (L/R) for audio signals. For component connection, use Y, PB, PR for video signals and also connect the audio (L/R) for audio signals. By default, this TV will automatically detect and switch between VIDEO 1 and COMPONENT 1. To manually set the input type, press **HOME**, select **Settings**, then **Channels & Inputs**, then select **Video/Component 1 Selection**.

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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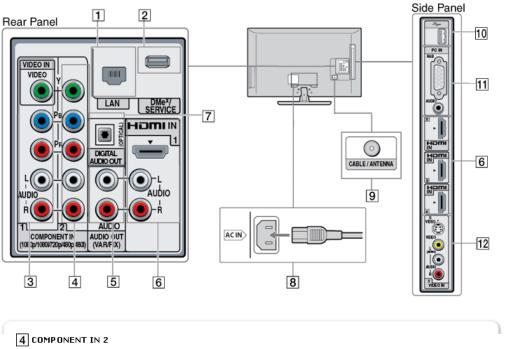
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Locating Inputs and Outputs

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 $\begin{array}{l} \hline Component video provides better picture quality than the S Video and composite video. \\ Audio connection is required for the COMPONENT IN ports, connect audio (L/R). \end{array}$

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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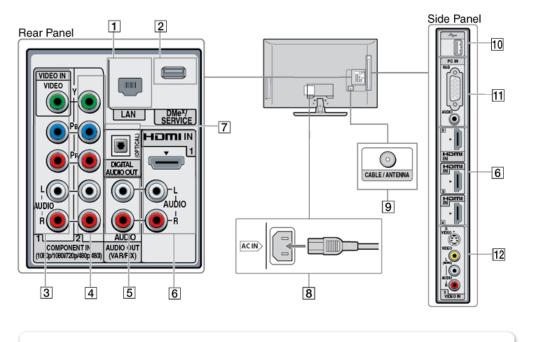
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Locating Inputs and Outputs

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5 AUDIO OUT (VAR/FIX)

Connects to the left and right audio input jacks of your analog audio equipment. You can use these outputs to listen to your TV's audio through your stereo system.

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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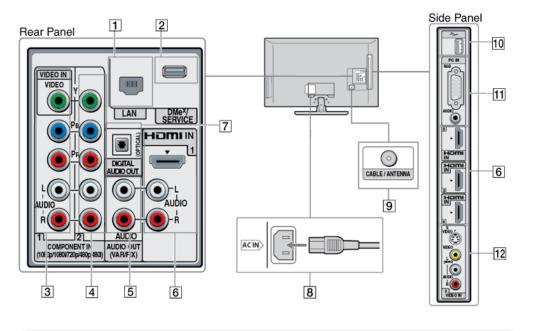
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Locating Inputs and Outputs

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6 HDMI IN 1/2/3/4 L-AUDIO-R

HDMI (High-Definition Multimedia Interface) provides an uncompressed, all-digital audio/video interface between this TV and any HDMI-equipped audio/video equipment, such as a set-top box, DVD player, and A/V receiver. HDMI supports enhanced, or high-definition video, plus digital audio. Be sure to use only an HDMI cable that bears the HDMI logo. Use the HDMI IN 1 port when connecting DVI equipment with a DVI-to-HDMI cable or adapter (not supplied). Equipment using a DVI connection also requires an additional audio connection using an audio cable connected to AUDIO (L/R).

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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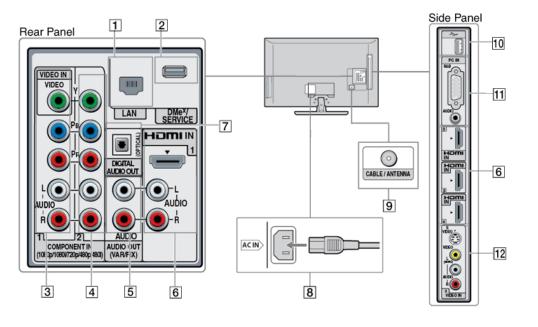
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Locating Inputs and Outputs

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7 DIGITAL AUDIO OUT (OPTICAL)

Connects to the optical audio input of your digital audio equipment that is PCM/Dolby* Digital compatible.

* Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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Next to Connecting the TV 🔿

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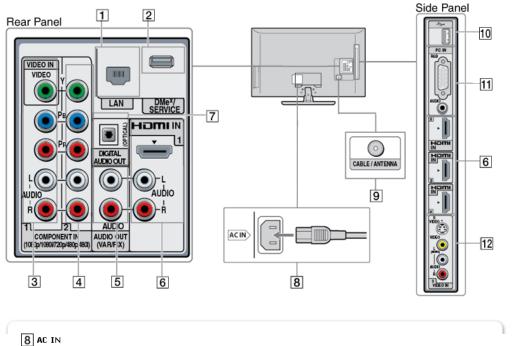
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Getting Started > Locating Inputs and Outputs

Locating Inputs and Outputs

Click on a number to view that feature's description.



Connects to your power source. Connect the supplied power cord to AC IN and the nearest wall outlet.

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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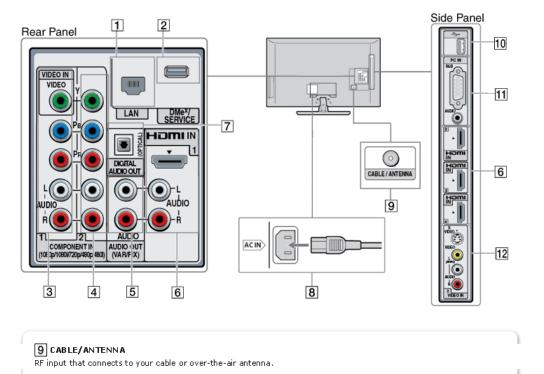
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Locating Inputs and Outputs

Click on a number to view that feature's description.



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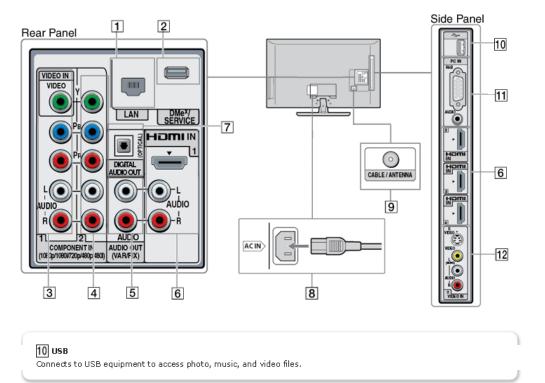
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Getting Started > Locating Inputs and Outputs

Locating Inputs and Outputs

Click on a number to view that feature's description.



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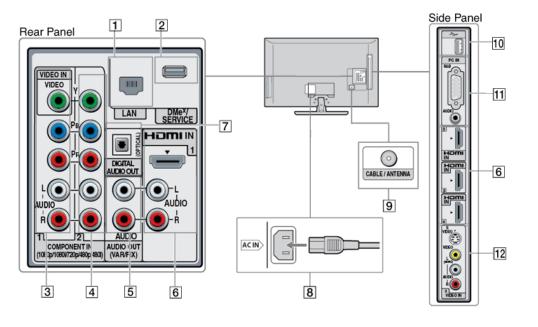
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Getting Started > Locating Inputs and Outputs

Locating Inputs and Outputs

Click on a number to view that feature's description.



11 PC IN (RGB/AUDIO)

Connects to a personal computer's video and audio output connector. Can also be connected to other analog RGB equipment.

For some Apple Macintosh computers, it may be necessary to use an adapter (not supplied). If an adapter is used, connect the adapter to the computer before connecting the HD15-HD15 cable.You may need to adjust the TV settings or your PC's resolution and timing.

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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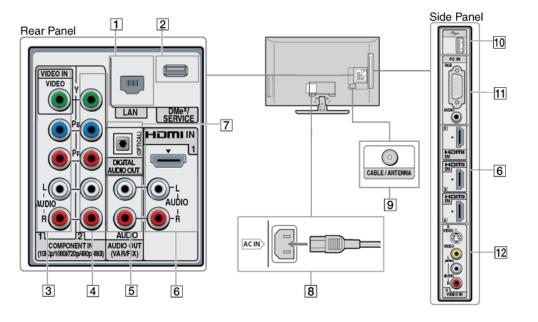
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Getting Started > Locating Inputs and Outputs

Locating Inputs and Outputs

Click on a number to view that feature's description.



12 VIDEO IN 2 S VIDEO/VIDEO L (MONO)-AUDIO-R

Connects to the S VIDEO output jack of video equipment. If both composite video and S VIDEO are connected, S VIDEO signal has priority.

If you have mono equipment, connect its audio output jack to the TV's L (MONO) audio input jack.

An HDMI or Component video (YPBPR) connection is required to view 480i, 480p, 720p, 1080i and 1080p video formats. The 1080/24p video format is available only with HDMI connection. This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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Connecting the TV

- Input Signal Reference Chart
- <u>Cable System or/and VHF/UHF Antenna System</u>
- HD Cable Box/HD Satellite Box
- <u>PC</u>
- <u>Connecting Internet & DLNA Certified™ Networks</u>
- Other Equipment

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Getting Started > Connecting the TV > Input Signal Reference Chart

Input Signal Reference Chart

The following chart shows the high-definition (HD) and standard-definition (SD) video formats supported by your BRAVIA TV inputs.

	INPUT	VIDEO	AUDIO		UPPO					
				1080/24p	1080p	1080i	720p	480p	480i	PC*
HD	HDMI 1 HDMI 2 HDMI 3 HDMI 4		When HDMI is connected to DVI with an adapter, a separate Audio L/R is necessary.	~	~	~	~	~	~	~
	COMPONENT 1 COMPONENT 2		O O Audio L/R		~	~	~	~	~	
	VIDEO 2	S VIDEO connection	O O						~	
SD	VIDEO 1	Composite video connection	O O Audio L/R						~	
	VIDEO 2	Composite video connection	O O Audio L/R						~	

* For supported PC formats see the PC Input Signal Reference Chart.

Back to Connecting the TV

Next to Cable System or VHF/UHF Antenna System 🕥

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Cable System	or VHF/UHF A	ntenna System				
with standard-definition a	analog programming. This	on digital programming (if availa TV is capable of receiving unscr external VHF/UHF antenna (ATS(ambled digital	along Cable or N 75-ohm coaxial cable	VHF/UHF (or VH	IF only) Rear of TV E/ANTENNA
to receive optimum pic	3	e CABLE/ANTENNA input using a win lead cable can easily be affe lation.		cable		
Cable System	and VHF/UHF	Antenna System				
antenna programming, as	(II)	tch between the cable and over- le/Antenna setting found under nput signal you choose.		A-B R Cable —==∰ ✦[A Antenna —==∰ ✦[B	F switch	Rear of TV
Back to Input Signal	Reference Chart			Next to F	HD Cable Box/HD	Satellite Box 🕤

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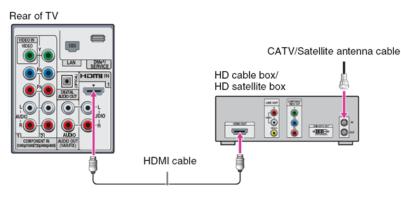
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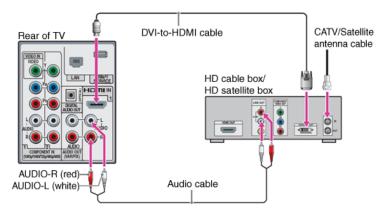
HD Cable Box/HD Satellite Box

You can enjoy high-definition programming by subscribing to a high-definition service or a high-definition satellite service. For the best possible picture, make sure you connect this equipment to your TV via the HDMI or component video (with audio) input located on the back of your TV.

Shown with HDMI Connection

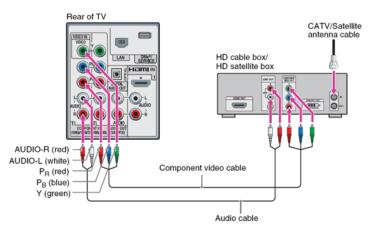


Shown with DVI Connection



If your equipment has a DVI output and not an HDMI output, connect the DVI output to the HDMI IN 1 (with DVI-to-HDMI cable or adapter) and connect the audio output to the AUDIO IN (L/R) of HDMI IN 1.

Shown with Component Connection



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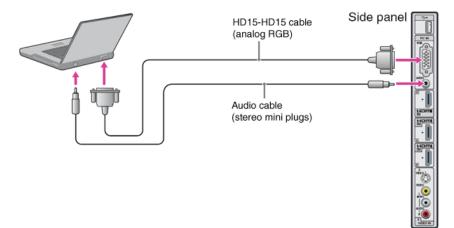
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Getting Started > Connecting the TV > PC

PC

Use the TV as a monitor for your PC by connecting an HD15-HD15 cable connection as shown below. This TV can also be connected to a PC with a DVI or HDMI output. (Refer to the Quick Setup Guide supplied with the TV.)



- Connect the PC IN jack to the PC using an HD15-HD15 cable with ferrite core (analog RGB) and audio cable.
- The TV enters the standby mode automatically when the PC is connected to the TV and no signal has been output from the PC for more than 30 seconds.

PC Input Signal Reference Chart

After connecting the PC to the TV, set the output signal from your PC according to the supported resolutions and timings indicated below.

Supported Resolutions				Horizontal	Vertical	Standard
Signal	Horizontal (Pixel)	x	Vertical (Line)	frequency (kHz)	frequency (Hz)	Standard
VGA	640	х	480	31.5	60	VGA
SVGA	800	х	600	37.9	60	VESA Guidelines
XGA	1,024	х	768	48.4	60	VESA Guidelines
WXGA	1,280	х	768	47.4	60	VESA
	1,280	х	768	47.8	60	VESA
	1,360	х	768	47.7	60	VESA
SXGA	1,280	х	1,024	64.0	60	VESA
HDTV*	1,920	х	1,080	67.5	60	CEA-861*

- This TV's PC input does not support Sync on Green or Composite Sync.
- This TV's PC VGA input does not support interlaced signals.
- For the best picture quality, it is recommended to use the signals in the above chart. In plug and play, signals with a 60 Hz vertical frequency will be detected automatically. (PC reboot may be necessary.)
- Phase and Pitch options are not available with PC signal connected to HDMI input.

*The 1080p timing when applied to the HDMI input will be treated as a video timing and not PC timing. This affects **Picture** settings, and <u>Wide Mode</u> settings. To view PC content set **Scene Select** to **Graphics**, **Wide Mode** to **Full**, and **Display Area** to **Full Pixel**.

Back to HD Cable Box/HD Satellite Box

Next to Connecting Internet & DLNA Certified[™] Networks

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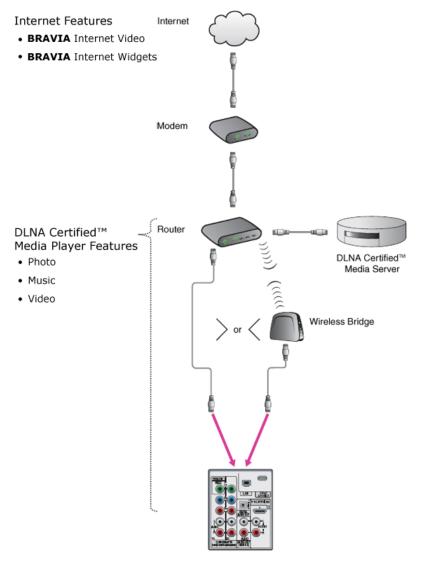
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Connecting Internet & DLNA Certified[™] Networks

Connect an Ethernet cable from your home network to the LAN input of your TV to enjoy BRAVIA Internet features and/or connect to DLNA Certified[™] media servers.

Sample Network Connection Diagram



For more information about compatible wireless bridges, visit https://internet.sony.tv

Refer to your DLNA Certified equipment's operating instructions for setup and connection information.

Back to PC

Next to Other Equipment

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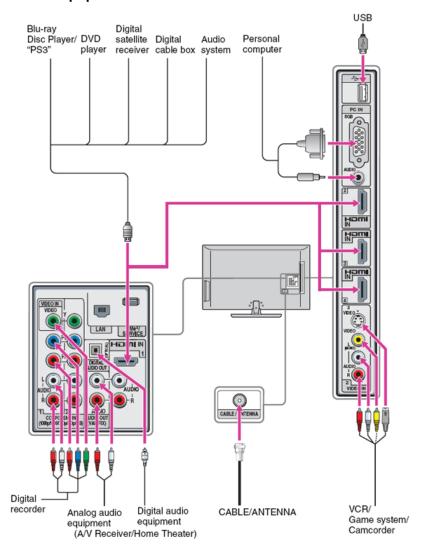
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<u>Getting Started</u> > <u>Connecting the TV</u> > Other Equipment

Other Equipment



Refer to the Quick Setup Guide (supplied with the TV) when connecting other equipment to your TV.

Back to Connecting Internet & DLNA Certified™ Networks

Next to Setting Up the Channel List-Initial Setup (Page 1)

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 Getting Started
 > Setting Up the Channel List-Initial Setup
 Image: Comparison of the Channel List-Initial Setup
 Image: Comparison of the Channel List-Initial Setup
 Image: Comparison of the Channel List-Initial Setup

Setting Up the Channel List-Initial Setup (Page 1 of 2)

The Initial Setup screen appears when you turn on the TV for the first time.

- 1) Complete your cable connections before proceeding with the Initial Setup (refer to the Quick Setup Guide for additional information).
- 2) Use the following remote control buttons to navigate through the Initial Setup:



♠/♥ button:

Allows you to highlight options where applicable. (+) **button:** Allows you to select the highlighted option. **♦ button:** Allows you to move back to the previous screen, where applicable. **♦ button:** Allows you to move to the next screen, where applicable.

🖴 Initial	Setup
	Welcome! Please select a language. ;Bienvenido! Seleccione el idioma. Bienvenue! Sélectionner la langue.
	English
	Español Français
Continu	ue 🗘 Choose

3) Select the language for the on-screen display (OSD) text.

4) Select your viewing environment. Home mode sets the TV display to settings optimized for home viewing (this setting is ENERGY STAR compliant). Retail mode changes the display settings to a default more appropriate for a store environment.

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Next to Setting Up the Channel List-Initial Setup (Page 2 of 2)

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Setting Up the Channel List-Initial Setup (Page 2 of 2)							
5) Select your country a6) Set the clock to the country and the clock to the country and the clock to the country and the clock to the clock to	and enter your ZIP or Post current date and time.	al code.					

7) Select Continue to scan for available channels and enable the TV Guide On Screen® feature. If you receive channels from a cable box or satellite receiver and do not wish to use the TV's built-in tuner, select Skip. Selecting Skip will disable the TV Guide On Screen feature, which is only available when the TV's tuner is used.

- 8) To benefit from the network features included on this TV, connect to your existing home network. Follow the instructions on the screen to complete Network Setup, or select Skip to complete it at a later time (optional). Initial Setup is complete. You can now begin watching your new TV.
- Enabling the TV Guide On Screen feature will increase the amount of time the TV is in Download Acquisition Mode (DAM).
- For more information on **TV Guide On Screen**, see **<u>TV Guide On Screen</u>** section.
- If the language that you selected in the Language setting is available from the broadcaster as an Alternate Audio language, your TV will automatically switch to the matching language with the Alternate Audio feature. To change the audio settings, access the Alternate Audio menu by pressing OPTIONS on the remote control when an alternate audio stream is available from the broadcaster. Alternate Audio is only available for digital programs.
- To complete Network Setup at a later time, access the XMB[™] and select the Network icon on the Settings menu. Then select Network Setup.

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Next to Network Setup 🗨

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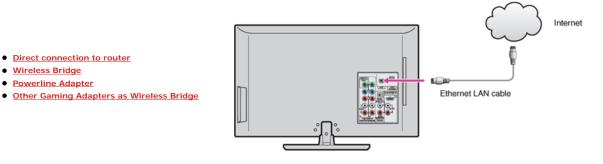
TV Home Menu

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Getting Started > Network Setup

Network Setup (Page 1 of 5)

To fully benefit from the features included on this TV, connect your TV to your existing home network. You will need an Ethernet cable (not supplied) to connect the TV to your home network. There are several connection options available, each of which require configuration with the TV:



To connect to your home network, complete Network Setup as the last step of Initial Setup. If you wish to complete the Network Setup at a later time, access the Network Setup menu. On the XMB[™], highlight the Settings menu and select Network. Then, select Network Setup.

Network Setup Menu	
View Network Status	Select to view information about your network and connection.
Wired Setup	Select to configure the TV's accessibility to your home network when connecting your TV directly to the router using an Ethernet cable.
Wireless Bridge Setup	Select to configure the TV's accessibility to your home network when connecting your TV to the network using a compatible Wireless Bridge (for compatibility, see <u>Wireless Bridge</u>).

Recommended connection speed: Standard Definition video - 2.5 Mbps, High Definition video - 10 Mbps.

Back to Setting Up the Channel List-Initial Setup (Page 2 of 2)

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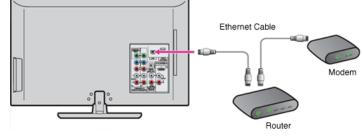
Getting Started > Network Setup

Network Setup (Page 2 of 5)

Direct connection to router

Requirements: Ethernet LAN cable, Router, Modem

- 1) Connect an Ethernet LAN cable between the LAN port on the TV and the router.
- 2) On the Network Setup menu, select Wired Setup.
- 3) Select Auto to complete the setup. The TV will automatically configure the connection.



• Custom setup allows you to enter your own IP address by selecting Manual and enter your proxy server settings by selecting Yes. This setup is recommended for advanced users only.

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Wireless Bridge					
	•	g model of CISCO Wireless Brid , CISCO Wireless Bridge model '	•		
There are two types of setu Click on the link below corr	· •				
 <u>Scenario 1: Wi-Fi</u> (<u>WPS</u>) <u>Scenario 2: Scan f</u> 		Click a link to the left for m	ore information.		

- For more details on manual setup instructions and advanced setup configurations, refer to the instruction manual of the CISCO Wireless Bridge.
- We recommend using a Wireless Router and Wireless Bridge with support of Wireless N for streaming video support.
- It is normal for the TV to take up to several minutes to recognize the Wireless Bridge device when it is first plugged in.

Back to Network Setup (Page 2 of 5)

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Wireless Bridge					
	N cable, Wireless Router				
 Scenario 1: Wi-Fi (WPS) Scenario 2: Scan 1 			compatible with this TV is follow these directions t	s enabled with WPS. If your Wireless o complete the setup. Before you be and the Wireless Bridge.	
		 On the Network Setup Select Wi-Fi Protected 	I cable between the LAN menu, select Wireless E Setup. h the screen to complete	port on the TV and the Wireless Brid B ridge Setup. the setup. The TV will automatically	-

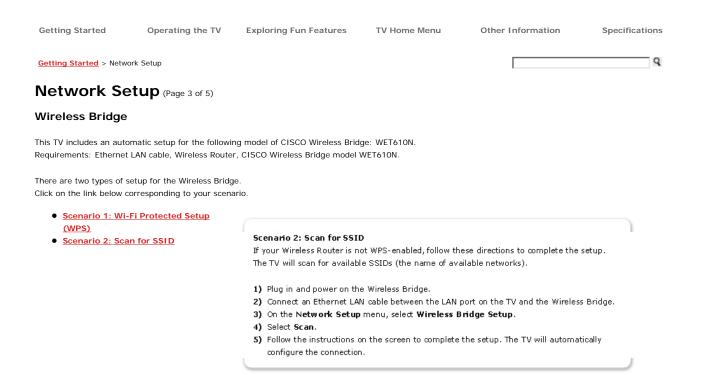
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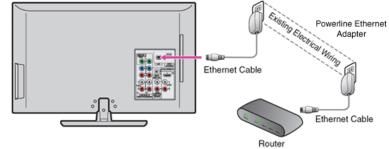
Getting Started > Network Setup

Network Setup (Page 4 of 5)

Powerline Adapter

Requirements: Ethernet LAN cable, Powerline Ethernet Adapter, Router

- Connect an Ethernet LAN cable between the LAN port on the TV and one Powerline Ethernet Adapter.
- 2) Plug the Powerline Ethernet Adapter into a power outlet.
- **3)** Connect another Powerline Ethernet Adapter between the router and another power outlet.
- 4) On the Network Setup menu, select Wired Setup.
- 5) Select Auto to complete the setup. The TV will automatically configure the connection.



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Network Setup (Page 5 of 5)

Other Gaming Adapter as Wireless Bridge

Use this setup when using a Gaming Adapter as a Wireless Bridge other than that listed on the Wireless Birdge page. Requirements: Ethernet LAN cable, Gaming Adapter as Wireless Bridge, Wireless Router

- 1) Configure your gaming adapter as wireless bridge using your PC. Refer to the instructions of the gaming adapter.
- Once the gaming adapter is configured, connect an Ethernet LAN cable 2) between the LAN port on the TV and the gaming adapter.
- Ethernet Cable **E** Gaming Adapter Wireless Router
- 3) On the Network Setup menu of the TV, select Wired Setup.
- Follow the instructions on the screen to complete the setup. The TV will 4) automatically configure the connection.
- We recommend using a Wireless Router and Wireless Bridge with support of Wireless N for streaming video support.

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- TV Controls & Indicators
- <u>The Remote Control</u>
- <u>Remote Control Button Description</u>

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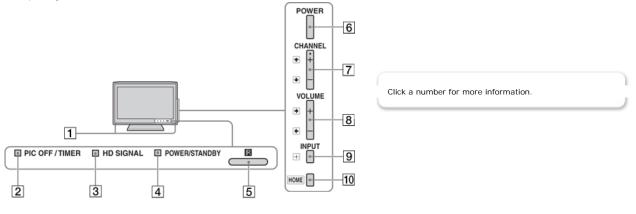
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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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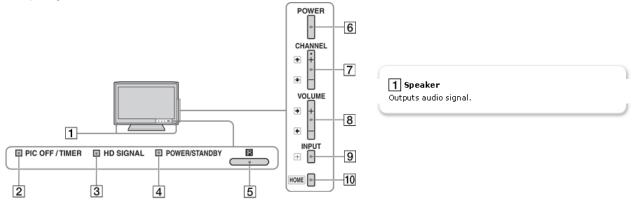
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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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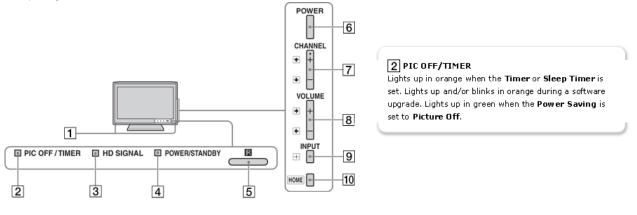
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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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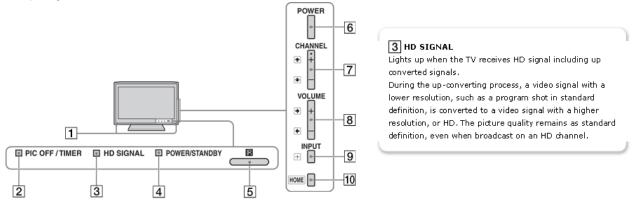
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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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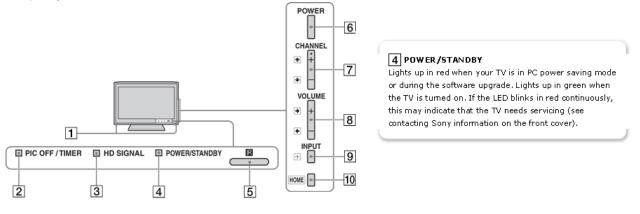
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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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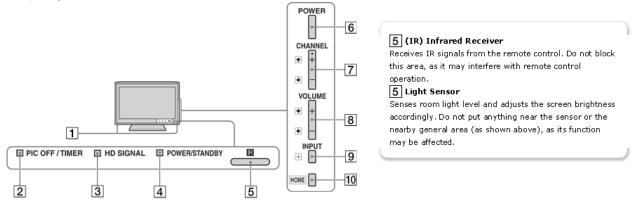
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Q

Operating the TV > TV Controls

TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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Exploring Fun Features

TV Home Menu

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Other Information
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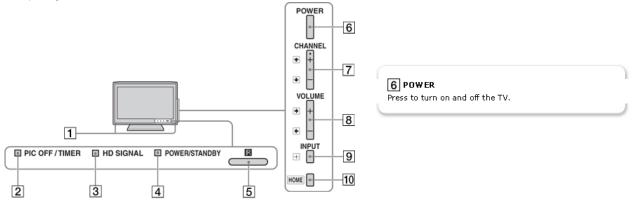
Specifications

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Operating the TV > TV Controls

TV Controls

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Exploring Fun Features

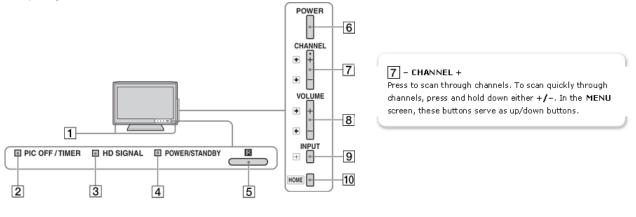
TV Home Menu

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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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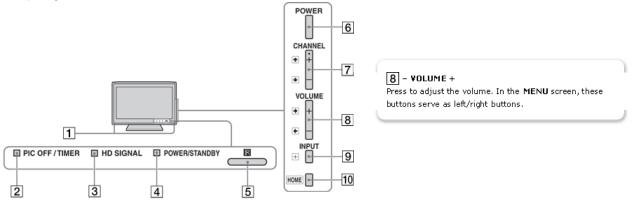
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Operating the TV > TV Controls

TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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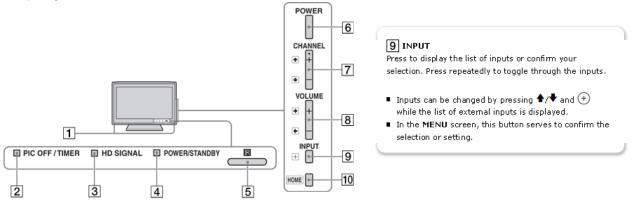
TV Home Menu

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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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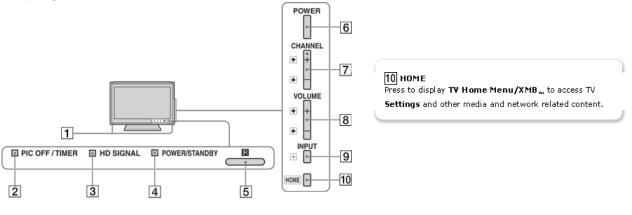
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TV Controls

The buttons located on the side of the TV operate in the same manner as the corresponding buttons on the remote control.



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Operating the TV > The Remote Control

The Remote Control

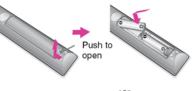
Inserting Batteries into the Remote Control

Insert two size AA batteries (supplied) by matching \bigoplus and \bigoplus on the batteries to the diagram inside the battery compartment of the remote control.

When Using the Remote Control

Follow the guidelines below

- Point your remote control directly at the IR sensor located on your TV.
- Make sure that no objects are blocking the path between the remote control and the IR sensor on your TV.
- Fluorescent lamps can interfere with your remote control; try turning off the fluorescent lamps.
 If you are having problems with the remote control, reinsert or replace your batteries and make sure that they are correctly inserted.





Next to Remote Control Button Description 🔿

Back to TV Controls & Indicators

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Press once to display information about the channel/program/input you are viewing. The information will time out in a few seconds or press again to exit. You can change the display preference, press **HOME** and go to **Preferences** to set **Info Banner** to **Small**, **Medium** or **Large**.

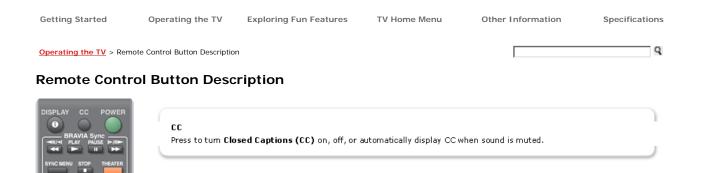
• The 5, PLAY and CH + buttons have a tactile dot. Use them as a reference when operating the TV.

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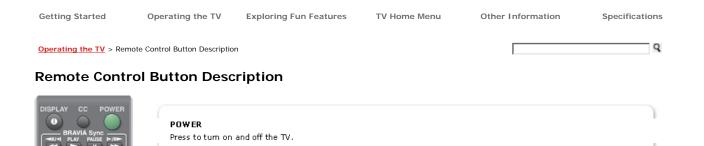
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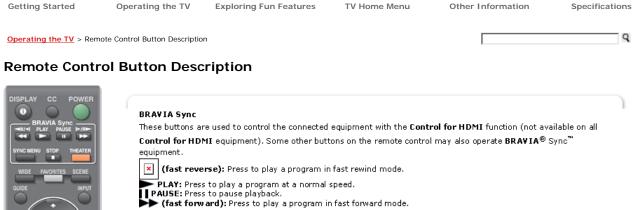
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SONY TV

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SYNC MENU: Press once to display the Sync'd HDMI Devices (while a Control for HDMI device is not selected). Select the HDMI device and then press SYNC MENU to display the menu of connected equipment (not available on all Control for HDMI equipment).

STOP: Press to stop playback.

THEATER: Press to turn on and off the Theater Mode. The picture settings will be set for a cinema-like experience and the audio will be switched to the audio output of the attached speakers of your **BRAYIA** Sync audio system. Your BRAVIA Sync audio system must be connected by an HDMI connection to your TV.



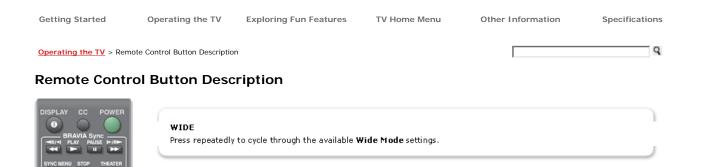
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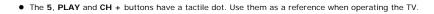
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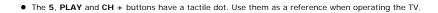
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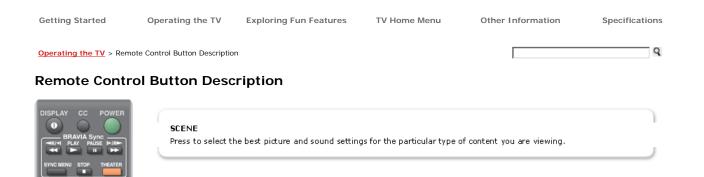
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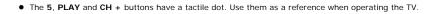
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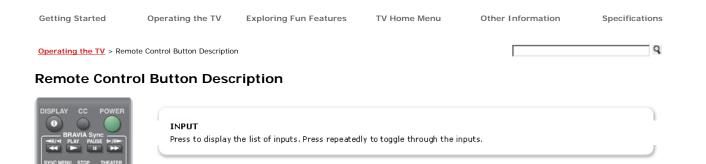
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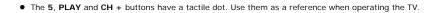
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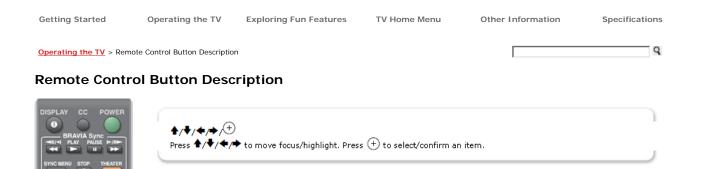
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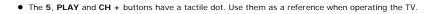
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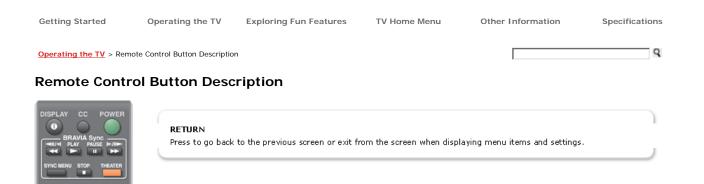
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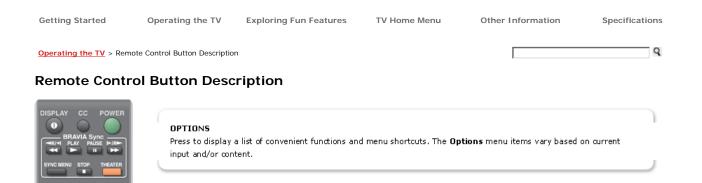
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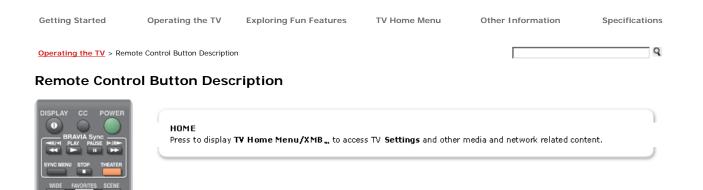
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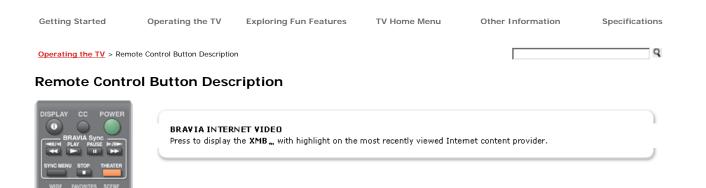
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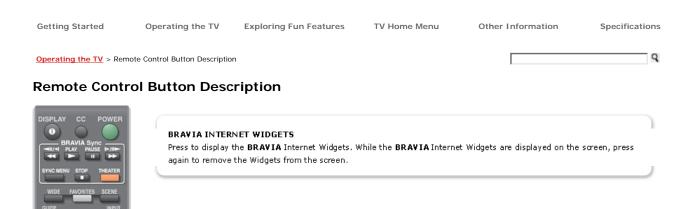
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Tell us your opinion about this online reference book.



• The 5, PLAY and CH + buttons have a tactile dot. Use them as a reference when operating the TV.

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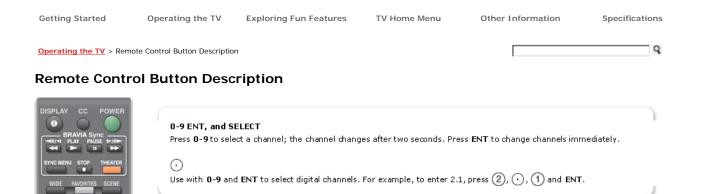
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• The 5, PLAY and CH + buttons have a tactile dot. Use them as a reference when operating the TV.

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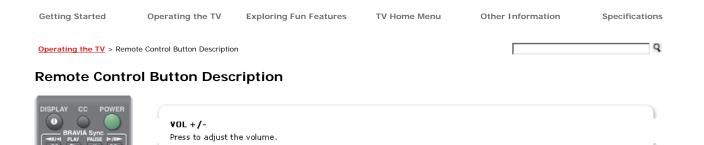
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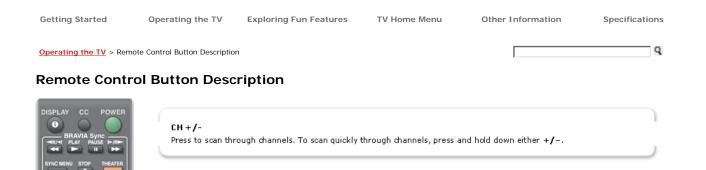
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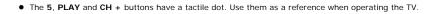
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Operating the TV > Remote Control Button Description

Remote Control Button Description



JUMP

Press to jump back and forth between two channels or inputs. The TV alternates between the current channel or input and the last channel or input that was selected.



• The 5, PLAY and CH + buttons have a tactile dot. Use them as a reference when operating the TV.



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Tell us your opinion about this online reference book.

Getting Started Operating the TV Exploring Fun Features TV Home Menu Other Information Specifications Q Г **Exploring Fun Features** Enjoy some of the fun and entertaining features your BRAVIA TV is capable of delivering. Broadband Internet Connectivity Features: **Display Features:** BRAVIA Internet Video Background TV BRAVIA Internet Widgets <u>Wide Mode</u> Digital Media Accessibility Features: Channel Features: • Music <u>TV Guide On Screen</u> • Photo • <u>Video</u> BRAVIA Sync Features: BRAVIA Sync with Control for HDMI Easy Accessibility Features: Favorites TV Home Menu: • XMB[™] (XrossMediaBar)

Inputs

Eco-BRAVIA TV Features:

• <u>Eco</u>

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Exploring Fun Features > Background TV

Background TV

Background TV uses the current video on your TV to create images that are similar to a screen saver.

Navigating Background TV

- 1) Tune to a channel or input.
- 2) Press OPTIONS.
- 3) Highlight Background TV and press (+).
- 4) Highlight a theme and press (+). The TV will display the current channel or input using the selected **Background TV** theme.
- 5) Press RETURN to exit the Background TV and return to the current channel or input.
- Background TV themes may also be saved to Favorites, so that you can launch these themes from the Favorites screen.

Back to Exploring Fun Features

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Exploring Fun Features >BRAVIA Internet Video

BRAVIA Internet Video

BRAVIA Internet Video serves as a gateway delivering select Internet content and a variety of ondemand entertainment straight to your **BRAVIA** TV.

To connect to the **BRAVIA** Internet Video service, make sure that your TV is connected to your broadband home network and that you have completed the **Initial Setup** and **Network Setup**. The Internet content provider icons appear under the **Photo**, **Music**, **Video**, and **Network** icons on the **XMB**^M. Highlight an icon and press (+) to open the Internet content provider's service. Press (+) to navigate and (+) to make a selection.

Seeking Forwards and Backwards

Some Internet content providers allow you to seek forward or seek backward. Press \blacklozenge or $\blacktriangleright \flat$ to move forward in the video. Press \blacklozenge or $\blacklozenge \blacklozenge$ to move backward. The **Control Panel** appears with a dot indicating the point at which the playback will resume. To resume playback, press (+) or $\blacktriangleright \bullet$. See the illustration below for details. To change the speed of the seek, press the corresponding button up to three times.

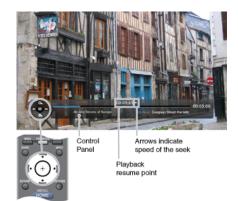
Saving to Favorites

You can save an Internet content provider to your Favorites; see Adding to Favorites.

- Some Internet content providers arrange videos by Categories; press OPTIONS to view more categories.
- Press **DISPLAY** to see more information on the highlighted video.
- The Parental Lock function set on the TV blocks video content based on the appropriate TV or Movie Rating.
- Recommended connection speed: Standard Definition video 2.5 Mbps, High Definition video 10 Mbps.
- To update the **BRAVIA** Internet Video content providers, select the **Network** icon from the **Settings** menu on the **XMB**[™], then select **Refresh Internet Content**.



The look and feel of Internet content providers may vary.



Press the corresponding buttons to control playback.

Next to BRAVIA Internet Widgets 🕥

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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 1 of 9)

The BRAVIA Internet Widgets are small downloadable applications that provide you access to the latest in news, weather, stock info, and interactive content when your TV is connected to the Internet.

Displaying Widgets

1) Press WIDGETS. Minimized Widgets called Snippets will appear.

2) Press $\frac{1}{2}$ to highlight a Snippet then press + to launch it. The Snippet will expand into a Widget.







Press WIDGETS to hide all of the Widgets on the screen or press OPTIONS and select Hide All.

Back to BRAVIA Internet Video

Next to BRAVIA Internet Widgets (page 2 of 9)

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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 2 of 9)

Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Options

- Dock Snippets
- Undock Snippets
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget

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Descriptions

Click a link to the left for more information.

- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.
- Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 2 of 9)

Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Aligns Widgets/Snippets to the bottom of the TV screen.

Options

- Dock Snippets
- Undock Snippets
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Dock Snippets

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 2 of 9)

Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Allows you to move Widgets/Snippets to any location on the TV screen.

Options

- Dock Snippets
- <u>Undock Snippets</u>
- Move Snippets
- <u>Close Widget</u>
- <u>Hide All</u>
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Undock Snippets

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 2 of 9)

Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Allows you to move Widgets/Snippets to your preferred location.

Options

- Dock Snippets
- <u>Undock Snippets</u>
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Move Snippets

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 2 of 9)

Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Allows you to close a Widget and all associated Snippets.

Options

- Dock Snippets
- Undock Snippets
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Close Widget

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

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Operating the TV

Exploring Fun Features

TV Home Menu

Allows you to hide all Widgets/Snippets from displaying on the TV screen.

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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 2 of 9)

Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Options

- Dock Snippets
- Undock Snippets
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Hide All

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

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Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Allows you to access the Widget Settings Menu for the selected Widget.

Options

- Dock Snippets
- Undock Snippets
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

Manage Widget/Snippet

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TV Home Menu

Hides or shows the footer. The footer may provide additional information and may appear for

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Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Options

- Dock Snippets
- Undock Snippets
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

Hide/Show Footer

an extended period of time.

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Widgets Options Menu

Highlight a Widget or Snippet and press **OPTIONS** to access additional feature menu items. The menu items vary depending on the state of the Widget/Snippet. A sample feature options menu is shown below.



Options

- Dock Snippets
- Undock Snippets
- Move Snippets
- <u>Close Widget</u>
- Hide All
- <u>Manage Widget/Snippet</u>
- Hide/Show Footer
- Expand to Widget
- The Widget content that appears on the screen may be updated, modified or deleted at any time by the Widget provider.

Descriptions

Some Widgets can be customized to your preferences such as viewing weather for your local region or viewing your preferred stocks.

Expand to Widget

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Allows you to expand an existing Snippet.

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Click a link to the left for more information.

Options

Descriptions

- Dock
- Undock
- <u>Close Widget</u>
- <u>Hide All</u>
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Descriptions

Dock

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Aligns Widgets/Snippets to the bottom of the TV screen.

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Descriptions

Undock

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Allows you to move Widgets/Snippets to any location on the TV screen.

Tell us your opinion about this online reference book.

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Exploring Fun Features > BRAVIA Internet Widgets

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Descriptions

Close Widget

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Allows you to close a Widget and all associated Snippets.

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Descriptions

Hide All

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Allows you to hide all Widgets/Snippets on the TV screen.

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Hides or shows the footer. The footer may provide additional information and may appear for

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Descriptions

Hide/Show Footer

an extended period of time.

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Descriptions

Minimize to Snippet

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Allows you to minimize an expanded Widget/Snippet.

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Descriptions

Manage Widget/Snippet

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Allows you to access the Widget Settings Menu for the selected Widget.

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Allows you to create a Snippet or delete a Snippet. See The Weather Widget for more

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Snippets Options Menu

You may access the Snippets Options Menu when you expand a Snippet. This menu will help you create or delete Snippets. A sample feature Options menu is listed below.



Create Snippet/Delete Snippet

Descriptions

details.

Options

- Dock
- Undock
- <u>Close Widget</u>
- Hide All
- Hide/Show Footer
- <u>Minimize to Snippet</u>
- <u>Manage Widget/Snippet</u>
- <u>Create Snippet/Delete Snippet</u>

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Moving Snippets on the Screen

Snippets can be moved when they are undocked.

Highlight a Snippet, press OPTIONS and then select Move.
 Press ↑/▼/◆/★ to move the Snippet and then press (+) to set it in your preferred location.



Snippets in Move mode.

Deleting a Snippet

1) Highlight a Snippet, press OPTIONS and then select Delete Snippet.



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Launching Widgets

Hidden or closed Widgets can be accessed from the ${\bf Network}$ Category icon of the ${\bf XMB}^{{\sf TM}}.$

1) Press HOME.

- 2) Highlight the Network Category icon.
- 3) Highlight a Widget and then press (+).

Network Category Icon Options Menu



Options

Descriptions

- Add to Favorites/Remove from Favorites
- Launch

Click a link to the left for more information.

• Delete

• When downloading new Widgets, existing Widgets may need to be deleted from the Network Category icon if memory space has been exceeded.

- An expanded Widget cannot be moved using the remote control arrow buttons.
- Some Widgets may fill your entire TV screen when expanded into a full view.
- Widgets available on PCs or other devices may not be available on your TV.

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Launching Widgets

Hidden or closed Widgets can be accessed from the ${\bf Network}$ Category icon of the ${\bf XMB}^{{\sf TM}}.$

1) Press HOME.

- 2) Highlight the Network Category icon.
- 3) Highlight a Widget and then press (+).

Network Category Icon Options Menu



Options

Descriptions

- Add to Favorites/Remove from Favorites
- <u>Launch</u><u>Delete</u>

Add to Favorites/Remove from Favorites Allows you to add or remove a Widget to/from Favorites.

• When downloading new Widgets, existing Widgets may need to be deleted from the Network Category icon if memory space has been exceeded.

- An expanded Widget cannot be moved using the remote control arrow buttons.
- Some Widgets may fill your entire TV screen when expanded into a full view.
- Widgets available on PCs or other devices may not be available on your TV.

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Launching Widgets

Hidden or closed Widgets can be accessed from the ${\bf Network}$ Category icon of the ${\bf XMB}^{{\sf TM}}.$

1) Press HOME.

- 2) Highlight the Network Category icon.
- 3) Highlight a Widget and then press (+).

Network Category Icon Options Menu



Options

Descriptions

- Add to Favorites/Remove from Favorites
- Launch
 Delete

Launch Allows you to launch the highlighted Widget.

• When downloading new Widgets, existing Widgets may need to be deleted from the Network Category icon if memory space has been exceeded.

- An expanded Widget cannot be moved using the remote control arrow buttons.
- Some Widgets may fill your entire TV screen when expanded into a full view.
- Widgets available on PCs or other devices may not be available on your TV.

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Launching Widgets

Hidden or closed Widgets can be accessed from the **Network** Category icon of the **XMB**TM.

1) Press HOME.

- 2) Highlight the Network Category icon.
- 3) Highlight a Widget and then press (+).

Network Category Icon Options Menu



Options

Descriptions

- Add to Favorites/Remove from Favorites
- <u>Launch</u><u>Delete</u>

Delete Allows you to delete a Widget entirely. If you have deleted a Widget, you will need to download the Widget from the <u>Widget Gallery</u> to access it again.

• When downloading new Widgets, existing Widgets may need to be deleted from the Network Category icon if memory space has been exceeded.

- An expanded Widget cannot be moved using the remote control arrow buttons.
- Some Widgets may fill your entire TV screen when expanded into a full view.
- Widgets available on PCs or other devices may not be available on your TV.

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Widget Gallery

Utilize the Widget Gallery to download the latest Widgets. When accessing the Widget Gallery for the first time, you may need to launch it from the XMBTM Home Menu, see Launching Widgets.



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The Weather Widget

To create a Snippet of a new city, you will first need to add the city to the Weather Widget Settings Menu and then create the Snippet.

Adding Your City to the Weather Widget Settings Menu

- 1) Press WIDGETS.
- 2) Highlight an existing Weather Snippet and press OPTIONS.
- 3) Select Manage Widget/Snippet.





5) Enter the name of your city.

4) Select Add New City...

You may be able to highlight and select your city if it appears as you type the name. Press ★ and then + to select it.



 Select Add City when prompted. The city is now listed in the Weather Widget Settings Menu.



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Exploring Fun Features > BRAVIA Internet Widgets

BRAVIA Internet Widgets (Page 8 of 9) Creating a Snippet of Your Added City

When you have finished adding your city to the Weather Widget settings menu, follow the steps below.

1) Highlight and select the Weather Widget Home Header.

Home Header





2) Highlight and select your city.





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Creating a Snippet of Your Added City

When you have finished adding your city to the Weather Widget settings menu, follow the steps below.

3) Press OPTIONS and select Create Snippet.



4) Select Add Snippet. The Snippet will appear on the TV screen.





Snippets associated with a newly added Snippet may reload on your TV screen.

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Exploring Fun Features > BRAVIA Sync with Control for HDMI

BRAVIA Sync with Control for HDMI

The **BRAVIA** Sync function allows this TV to communicate with other Sony equipment supporting the **Control for HDMI** function.

To connect Sony equipment with Control for HDMI

Use an HDMI cable that bears the HDMI logo for connection. Line up the triangle on the head of the HDMI cable with the triangle on the label of the HDMI input when connecting the HDMI cable.

Setting the Control for HDMI

The **Control for HDMI** function must be set up in order for the TV to communicate with other **Control for HDMI** enabled equipment. To setup the TV's **Control for HDMI**:

- 1) Select Channels & Inputs on the Settings menu.
- 2) Highlight HDMI Settings and press (+)
- 3) Select Control for HDMI and set it to On.

To verify connected devices, select **Device List** from the **HDMI Settings** menu. For other equipment, refer to its operating instructions.

Available options using Control for HDMI

The following operations are available after you connect the supported Sony equipment with **Control for HDMI** function to your TV:

- Automatically turn off the connected equipment when you turn off the TV.
- The connected equipment and TV are turned on by One-Touch-Play.
- Possible operations with SYNC MENU buttons.

When a Sony A/V receiver with BRAVIA Sync is connected, the following additional operations are possible:

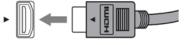
- Turning on the A/V receiver when the TV is turned on.
- Automatically switching to the audio output of the A/V receiver's attached speakers.
- Adjusting the volume and muting of the A/V receiver with the TV's remote control.

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Next to Favorites

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Favorites

With Favorites, you can manage your preferred TV channels, External Inputs, Photo, Music, and Video content from a DLNA server or USB connected equipment, Internet content, Widgets, and Background TV themes for easy access.

- Displaying Favorites
- Adding to Favorites
- <u>Removing from Favorites</u>

Options Menu

	Unstacked	Items are displayed in a row, side by side. Press the 4/ buttons to move between items.		
Favorites View		ems are grouped by category type. For example, all TV channels saved to Favorites appear in a vertical grou ress the ↑/♦ buttons to move between items within a category.		
Auto Tune Channel	On	Automatically tunes to a TV channel when the icon of that TV channel is highlighted in Favorites.		
Auto rune channel	Off	Turns off the Auto Tune Channel option.		
Clear Favorite {xx}		Selecting this option will clear each of the items saved in that category (such as TV channels, External Inputs,		
Clear Recently Viewed		etc.) or the Recently Viewed list.		

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Exploring Fun Features > Favorites > Displaying Favorites

Displaying Favorites

Press FAVORITES. When entering Favorites, the Recently Viewed items list is highlighted.



Saved Media Files/ Recently Viewed Items Saved Inputs Folders

Navigating Favorites

1) Press *****/***** to move between saved selections.

2) If items are Stacked or when the Recently Viewed list is selected, press 4/+ to move between items in that category.

3) To tune to an item, highlight its icon and press (+).

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Exploring Fun Features > Favorites > Adding to Favorites

Adding to Favorites

There are several ways to add an item to your Favorites list.

When tuned to or viewing an item:

1) Press OPTIONS.

2) Select Add to Favorites.

■ Individual videos in Internet content may not be saved to Favorites.

From the XMB™:

Highlight the icon of the item you wish to add.
 Press OPTIONS.

3) Select Add to Favorites.

From the Favorites screen:

- 1) Highlight the Recently Viewed items list.
- 2) Select the item you wish to add.
- 3) Press OPTIONS.

4) Select Add to Favorites.

TV channels saved to **Favorites** will appear in the **Favorites** List of the main profile in **TV Guide On Screen**. TV channels assigned as a Favorite in the main profile of **TV Guide On Screen** will be added to the **Favorites** list.

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Next to Removing from Favorites 🕣

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Exploring Fun Features > Favorites > Removing from Favorites

Removing from Favorites

There are several ways to remove an item from your Favorites list.

When tuned to or viewing an item:

1) Press OPTIONS.

2) Select Remove from Favorites.

From the XMB™:

- 1) Highlight the icon of the item you wish to remove.
- 2) Press OPTIONS.
- 3) Select Remove from Favorites.

From the Favorites screen:

- 1) Highlight the icon of the item you wish to remove.
- 2) Press OPTIONS.
- 3) Select Remove from Favorites.
- The Recently Viewed items list shows a history of up to ten viewed items.
- Recently Viewed items are automatically removed every time the TV is powered off.
- Individual videos from Internet content providers may not be saved to Favorites.

Back to Adding to Favorites

Next to Inputs 🗨

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

Operating the TV

Exploring Fun Features

TV Home Menu

Specifications

Q

Exploring Fun Features > Inputs

Inputs

Press **INPUT** to display the **Input** menu and toggle through the **External Inputs** to select the video source. The **Input** menu consists of TV mode and other equipment connected to the TV. You can label your **External Inputs** for easy identification by the connected equipment name rather than the name of the input.

How to Label an Input

- 2) Press 1/ to highlight one of the displayed labels corresponding to the equipment connected to that input then press + to label the equipment.
- 3) If you have an open input port where no equipment is connected, that input is grayed-out and skipped on the Input menu. You can Enable input ports so that they are always selectable.

Sack to Removing from Favorites

Next to Music 🕥

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

- <u>Accessing Music</u>
- <u>Music Options</u>
- Adding Music to a Slideshow
- Functionality of USB Equipment and DLNA Certified Media Servers

Back to Inputs

Next to Accessing Music 🕥

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Tell us your opinion about this online reference book.

Operating the TV

Q

Exploring Fun Features > Music > Accessing Music

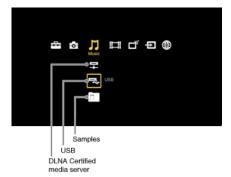
Accessing Music

- 1) Press HOME.
- 2) Highlight and select the Music Category icon.
- 3) Press 4/4 to highlight and select the music file location. A sample USB icon is selected here.
- Music files and folders will be displayed in a List View. Highlight and select any available file or folder.

Navigating through Music

Use the remote control buttons described below to navigate through the feature.

Button	To Do
OPTIONS	To access Music Options menu
(+) 44	To play or pause a music, to select a folder or track
1	To play the previous music track
>> I	To play the next music track
PLAY	To play a track
PAUSE	To pause or resume play of a music track
STOP	To stop play
★ / ▼	To navigate the List View or to play the previous/next music track
+ / >	Press and hold to display control panel. Release to continue play
RETURN	Press to return to the previous menu



- Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and access it when the equipment containing the music track is connected.
- For a list of compatible music formats, see Specifications.



Next to Music Options 🕥

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Feature	<u>s</u> > <u>Music</u> > Music Options				٩
Music Option	S				
Pressing OPTIONS whi	le displaying the List View	will display the following Music (Options menu.		
• Thumbnail Vie	w				
• Sort By		Click on a link to the	left for more information.		1
Playback Meth Play	<u>od</u>				J.
<u>Play</u> Add to Eavorite	es/Remove from Favorite	25			
Folder Actions		<u>55</u>			

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

- Sound
- File Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.

Back to Accessing Music

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Next to Adding Music to a Slideshow 🕣

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Feature	<u>s</u> > <u>Music</u> > Music Options				٩
Music Option	S				
Pressing OPTIONS whi	le displaying the List View	will display the following Music (Options menu.		
 <u>Thumbnail Vie</u> <u>Sort By</u> 	w				
Playback Meth	<u>od</u>	Thumbnail ¥iew			
Play		L. L	ay screen with thumbnail	s.	
Add to Favorite	es/Remove from Favorite	es la			

Folder Actions

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

- Sound
- File Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.

Back to Accessing Music

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Next to Adding Music to a Slideshow 🕣

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications		
Exploring Fun Feature	<u>s</u> > <u>Music</u> > Music Options				٩		
Music Option	S						
Pressing OPTIONS whi	ile displaying the List View	will display the following Music (Options menu.				
• Thumbnail Vie	w						
• Sort By		Sort By			1		
 Playback Meth Play 	od	•	Select to sort the files by Original Order , Name, or Date.				

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

Add to Favorites/Remove from Favorites

- Sound
- File Actions

• Folder Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.

Back to Accessing Music

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Next to Adding Music to a Slideshow 🕥

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Features > M	Music > Music Options				Q

Music Options

Pressing OPTIONS while displaying the List View will display the following Music Options menu.

- <u>Thumbnail View</u>
- Sort By
- Playback Method
- Play
- Add to Favorites/Remove from Favorites
- Folder Actions

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

- Sound
- File Actions

Playback Method

Visualizer Effect

Select from Album Art, Bloom, Burst, Light Graffiti, or Champagne visual effects while playing a music track (shown below is the Burst effect).



Track Selection Select Single Track or All Tracks to play during a slideshow. Repeat Select **On** to continuously play tracks. Shuffle Select on to shuffle the track play order.

• Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected. Back to Accessing Music Next to Adding Music to a Slideshow 🔿

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Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Features	> <u>Music</u> > Music Options				٩
Music Options	6				
Pressing OPTIONS while	e displaying the List View	will display the following Music (Options menu.		
 <u>Thumbnail View</u> Sort By 	L				
Playback Metho	<u>od</u>	Play			
 <u>Play</u> <u>Add to Favorites</u> 	s/Remove from Favorite	Select to play a mus	ic track.		

• Folder Actions

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

- Sound
- File Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.

Back to Accessing Music

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Next to Adding Music to a Slideshow 🕣

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Features	> Music > Music Options				Q
Music Options	5				
Pressing OPTIONS while	e displaying the List View	will display the following Music C	Options menu.		

- <u>Thumbnail View</u>
- Sort By
- Playback Method
- <u>Play</u>
- Add to Favorites/Remove from Favorites
- Folder Actions

Add To Favorites/Remove from Favorites Select to add or remove a music track, folder, or external equipment to the Favorites feature for easy access.

Next to Adding Music to a Slideshow 🕥

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

- Sound
- File Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.

Back to Accessing Music

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Feature	es > <u>Music</u> > Music Options				٩
Music Option	ıs				
Pressing OPTIONS wh	ile displaying the List View	will display the following Music (Options menu.		
• Thumbnail Vie	<u>w</u>				
Sort By Blauback Math	ad	Folder Actions			1
 <u>Playback Meth</u> Play 	100	Select to view details	ed track, folder or connect	ed external equipment information	ation.

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

Add to Favorites/Remove from Favorites

• Sound

• Play

• File Actions

• Folder Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.

Back to Accessing Music

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Next to Adding Music to a Slideshow 🕥

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Feature	<u>s</u> > <u>Music</u> > Music Options				Q
Music Option	IS				
Pressing OPTIONS whi	ile displaying the List View	will display the following Music (Options menu.		
 <u>Thumbnail Vie</u> <u>Sort By</u> 	w				
Playback Meth	lod	Sound			
• <u>Play</u>		Sound Adjustments	5		

- Add to Favorites/Remove from Favorites
- Folder Actions

Sound Sound Adjustments Select to make adjustments to the sound settings. Speakers Select to select between the TV Speakers or Audio System speakers. Add for Slidesohw Select to add music to the Slideshow Music list.

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

- Sound
- File Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.
 Back to Accessing Music
 Next to Adding Music to a Slideshow

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Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Feature	<u>s</u> > <u>Music</u> > Music Options				Q
Music Option	IS				
Pressing OPTIONS whi	ile displaying the List View	will display the following Music (Options menu.		
 <u>Thumbnail Vie</u> Sort By 	w				
 Playback Meth 	od	File Actions			
• <u>Play</u>		Select to view details	ed information about the f	ile selected.	

- Add to Favorites/Remove from Favorites
- Folder Actions

Ider Actions

Pressing **OPTIONS** while playing a music track will display the additional Music Options.

- <u>Sound</u>
- File Actions

Music tracks cannot be stored in the TV. You can save a music track to the Favorites feature and it when the equipment containing it is connected.

Back to Accessing Music

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Next to Adding Music to a Slideshow 🕣

Tell us your opinion about this online reference book.

Operating the TV

Exploring Fun Features

TV Home Menu

Specifications

Q

Exploring Fun Features > Music > Adding Music to a Slideshow

Adding Music to a Slideshow

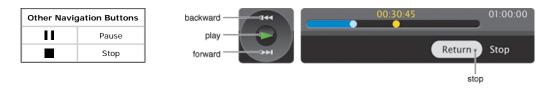
- 1) Highlight the **Photo** icon. Select from your DLNA Certified media servers, Sony USB connected equipment, or the sample folder.
- 2) Highlight the folder to display as a slideshow, press OPTIONS and then select Playback Method.
- 3) Select Slideshow Music, then select Browse Music.
- 4) Highlight and select an item from the list of available DLNA Certified media servers, Sony USB connected equipment, or sample folder.
- Press ★/★ to highlight the music file or folder you would like to add to your slideshow and select OK.





Music Control Panel

While playing a music, press and hold any of the buttons below to display the Music control panel.





Next to Functionality of USB Equipment and DLNA Certified Media Servers.

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Features >	Music > Functionality of U	ISB Equipment and DLNA Certified M	ledia Servers		Q

Functionality of USB Equipment and DLNA Certified Media Servers

You can access your photo, music, and video files once you have set up DLNA Certified equipment or after plugging in Sony USB equipment directly to your TV.

The USB functionality on this TV is compatible with most Sony brand digital cameras, MICRO VAULT USB Flash Drives, and DLNA Certified media servers but not all. Sony cannot guarantee or assure compatibility with all formats, products or in the following cases:

- Use of non-Sony brand USB equipment
- Use of video or audio clips processed on a computer
- Use of files obtained from the Internet or from printed film processing center.



Prevent losing your files, be sure to back up all of your media files stored on USB equipment to prevent data corruption. Sony cannot accept responsibility for lost or damaged data stored on USB equipment.

Back to Adding Music to a Slideshow

Next to Photo 🕤

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Features > F	Photo				٩
Photo					
Media files from DLNA Certi supported file formats, see		y USB equipment can easily be a	ccessed from the Photo , N	/lusic , and Video Category icor	ns. For a list of

<u>Accessing Photos</u>

- Photo Options
- Functionality of USB Equipment and DLNA Certified Media Servers

Back to Functionality of USB Equipment and DLNA Certified Media Servers

Next to Accessing Photos 🕥

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

Operating the TV

Exploring Fun Features

TV Home Menu

Specifications

Q

Exploring Fun Features > Photo > Accessing Photos

Accessing Photos

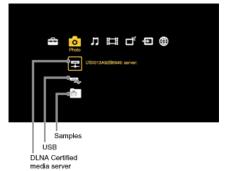
1) Press HOME.

- 2) Highlight and select the Photo Category icon.
- Press [▲]/[↓] to highlight and select the photo file location. A sample DLNA Certified media server icon is shown here (actual icon may differ).
- 4) After locating your photo files, the List View will appear and display photo folders and files. Press ★/★ to highlight a file or folder and select (shown below with USB selected).
- To view available DLNA Certified media servers, your TV must be connected and configured to an active network.
- The TV can display a maximum photo file size of 8 megabytes from DLNA Certified media servers.
- The photo display resolution range is 16 x 16 to 4,096 x 4,096 pixels.

Navigating through Photo

Use the remote control buttons described below to navigate through the feature.

Button	То Do
OPTIONS	To access Photo Options menu
(\pm)	To play and pause a slideshow or select a folder
RETURN	To stop slideshow and return to List View/Thumbnail View
PLAY	To play a slideshow
PAUSE	To pause a slideshow
STOP	To stop slideshow and return to List View/Thumbnail View





Next to Photo Options

List View

Back to Photo

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.

TV Home Menu

Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- Thumbnail View
- Sort By
- Playback Method
- <u>Start Slideshow</u>
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Click on a link to the left for more information.

- Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.
- The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers

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Tell us your opinion about this online reference book.

TV Home Menu

Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- Thumbnail View
- Sort By
- Playback Method
- Start Slideshow
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Thumbnail ¥iew

Select to fill the display screen with thumbnails.

Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.

• The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers 🕤

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Tell us your opinion about this online reference book.

TV Home Menu

Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

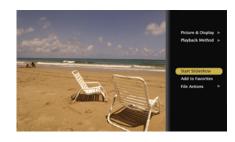
- Thumbnail View
- Sort By
- Playback Method
- Start Slideshow
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Sort By

Select to sort the files by Original Order, Name, or Date.

Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.

• The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers 🕤

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Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- Thumbnail View
- Sort By
- Playback Method
- Start Slideshow
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Playback Method Slideshow Effect

Select from **Simple**, **Slide**, **Museum**, or **Butterfly** to set the slideshow transition or image effect (shown right is the **Butterfly** effect).



Slideshow Music Select music to play during a slideshow. Slideshow Speed Select from Fast, Medium, or Slow to set the duration between images. Repeat Select On to continuously play a slideshow. Shuffle Select On to shuffle the photo order during a slideshow. Display Size Select to view photos in Standard or Expanded size.

- Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.
- The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers 🕣

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Tell us your opinion about this online reference book.

TV Home Menu

Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- Thumbnail View
- Sort By
- Playback Method
- Start Slideshow
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Start Slideshow Select to start the slideshow.

Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.

• The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers 🕤

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Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- <u>Thumbnail View</u>
- Sort By
- Playback Method
- Start Slideshow
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Add To Favorites/Remove from Favorites Select to add or remove a photo, folder, or external equipment to the Favorites feature for easy access.

- Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.
- The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers 🔿

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Tell us your opinion about this online reference book.

TV Home Menu

Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- Thumbnail View
- Sort By
- Playback Method
- Start Slideshow
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Folder Actions

Select to view detailed information about the folder selected.

Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.

• The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers 🕤

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Tell us your opinion about this online reference book.

TV Home Menu

Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- Thumbnail View
- Sort By
- Playback Method
- <u>Start Slideshow</u>
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



File Actions Select to modify file settings for photos from a USB connected equipment. View Information Select to display detailed information about the photo. Delete Select to permanently delete a file. Rotate and Save Select to rotate a photo Right 90°, Left 90°, or 180°. Protect Select to protect a photo from deletion. Print Quantity Select to set Print Quantity and save to USB connected equipment.

- Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.
- The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers

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Tell us your opinion about this online reference book.

Specifications

Q

Exploring Fun Features > Photo > Photo Options

Photo Options

Pressing **OPTIONS** while displaying the **List View** will display the following Options menu.

- Thumbnail View
- Sort By
- Playback Method
- Start Slideshow
- Add to Favorites/Remove from Favorites
- Folder Actions
- File Actions



List View Options menu

Pressing **OPTIONS** while displaying a photo will display the additional Photo Options.

<u>Picture & Display</u>



Picture & Display

Select to make adjustments to the picture settings.

Photos files cannot be stored in the TV. You can save a photo to the Favorites feature and access it when the equipment containing the photo is connected.

• The items found under the Options Menus may vary depending on your connected equipment.

Back to Accessing Photos

Next to Functionality of USB Equipment and DLNA Certified Media Servers 🕤

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Tell us your opinion about this online reference book.

Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Exploring Fun Features	> Photo > Functionality of L	JSB Equipment and DLNA Certified N	ledia Servers		Q

Functionality of USB Equipment and DLNA Certified Media Servers

You can access your photo, music, and video files once you have set up DLNA Certified equipment or after plugging in Sony USB equipment directly to your TV.

The USB functionality on this TV is compatible with most Sony brand digital cameras, MICRO VAULT USB Flash Drives, and DLNA Certified media servers but not all. Sony cannot guarantee or assure compatibility with all formats, products or in the following cases:

- Use of non-Sony brand USB equipment
- Use of video or audio clips processed on a computer
- Use of files obtained from the Internet or from printed film processing center.



Prevent losing your files, be sure to back up all of your media files stored on USB equipment to prevent data corruption. Sony cannot accept responsibility for lost or damaged data stored on USB equipment.

Back to Photo Options

Next to TV Guide On Screen 🗨

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Tell us your opinion about this online reference book.

Operating the TV

Exploring Fun Features

TV Home Menu

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Other Information
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Specifications

Q

Exploring Fun Features > TV Guide On Screen

TV Guide On Screen

Use the Guide to find the program that you want to watch. The Guide allows you to organize and personalize the program listings. The Guide is available with connection to your cable service or with over-the-air antenna signal. You must connect your signal directly to the TV's CABLE/ANTENNA input without using a cable box. If you are connecting an over-the-air antenna use a high quality antenna to receive high-definition programs.

Be sure to complete the Initial Setup to use the service.

Use your TV's remote control to navigate the Guide system

Press GUIDE to display the TV Guide On Screen.

The following remote control buttons are all you need to navigate the Guide:

- Use the ▲/↓/▲/◆ buttons to move about and highlight an item on the screen.
- To select or confirm an item or action command, press $^{(+)}$
- Use the **OPTIONS** button to return to the Guide's menu bar.
- Navigation shortcuts are available, see How to use <u>shortcuts</u>.

The Guide Menu Bar includes the following features:

- TV Listings
- Browse/Search
- Settings
- <u>My TV</u>
- Ads
- Back to Functionality of USB Equipment and DLNA Certified Media Servers

Next to TV Listings

Home | Getting Started | Operating the TV | Exploring Fun Features | TV Home Menu | Other Information | Specifications

Tell us your opinion about this online reference book.



Operating the TV E

Exploring Fun Features

TV Home Menu

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Other Information
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Exploring Fun Features > TV Guide On Screen > TV Listings

TV Listings

Up to 24 hours of program listings are available. You can also organize the program listings by categories. Highlight TV Listings on the Guide menu bar, then press (+) to display a popup menu that allows you to customize the listings. For example, if you are an avid sports fan, you can customize the listings to only show sports-related channels.

TV Listings can be filtered to display in following categories: All Channels, Favorite Channels, Movies, Sports, Kids, Music, News, Profile or Mosaic.

How to find a program from TV Listings

When the Guide is displayed on the screen use the 4/2 buttons to highlight the TV Listings in the menu bar, then press 4 to move to the Listings grid. Use 4/2 buttons to move to a different time slots. Use the 4/2 buttons to go through the channels.

When the program is found press (+) to display a popup menu which provides the following options: Watch Now to tune to the channel, Go To Ad to learn more about the show in the advertisement, View in Preview Window, Edit Channel Settings, More Info to learn more about the show currently highlighted.

How to use short cuts

While in TV Listings, use 0-9 buttons and enter a number to display the **Shortcuts** menu. The number you enter allows you to select from a number of shortcut options described below.

Use the \bigstar/\bigstar buttons to highlight the shortcut you want on the Shortcuts Menu, then press (+).





Shortcuts

Go To Channel

Hours Ahead and Hours Back

Pages Up and Pages Down

Description

Click a link to the left for more information.

Shortcut to Prime Time

The Prime Time shortcut allows you to jump to listings of another time slot.

While in TV Listings and the Time Bar is highlighted press $^{(+)}$ to display the Time Bar popup menu.

When the Time Bar popup menu is displayed, use \uparrow/\bullet buttons to highlight the time span you want, then press $(\stackrel{+}{\rightarrow})$. You can select from the following options: Late Night, Morning, Noon, Afternoon and Prime Time. If you have moved to a future time slot while in search for the program you want to watch, option Now is also available in the popup menu.

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Selecting Prime Time from the Popup

Back to TV Guide On Screen

Next to Browse/Search

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Exploring Fun Features > TV Guide On Screen > TV Listings

TV Listings

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Shortcuts

- Go To Channel
- Hours Ahead and Hours Back
- Pages Up and Pages Down

Description

Go To Channel

Tunes to the channel that was entered with the 0-9 buttons.

Shortcut to Prime Time

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While in TV Listings and the Time Bar is highlighted press $^{(+)}$ to display the Time Bar popup menu.

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Selecting Prime Time from the Popup

Back to TV Guide On Screen

Next to Browse/Search

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Exploring Fun Features > TV Guide On Screen > TV Listings

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Shortcuts

- Go To Channel
- Hours Ahead and Hours Back
- Pages Up and Pages Down

Description

Hours Ahead and Hours Back Move ahead or move backwards from the currently highlighted timeslot, by hours corresponding to the number you entered.

Shortcut to Prime Time

The Prime Time shortcut allows you to jump to listings of another time slot.

While in TV Listings and the Time Bar is highlighted press $^{(+)}$ to display the Time Bar popup menu.

When the Time Bar popup menu is displayed, use // buttons to highlight the time span you want, then press . You can select from the following options: Late Night, Morning, Noon, Afternoon and Prime Time. If you have moved to a future time slot while in search for the program you want to watch, option Now is also available in the popup menu.



Selecting Prime Time from the Popup

Back to TV Guide On Screen

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Shortcuts

Go To Channel

- Hours Ahead and Hours Back
- Pages Up and Pages Down

Description

Pages Up and Pages Down

Move up or down from the currently highlighted channel, by pages corresponding to the number you entered.

Shortcut to Prime Time

The Prime Time shortcut allows you to jump to listings of another time slot.

While in TV Listings and the Time Bar is highlighted press $^{(+)}$ to display the Time Bar popup menu.

When the Time Bar popup menu is displayed, use 1/2 buttons to highlight the time span you want, then press +. You can select from the following options: Late Night, Morning, Noon, Afternoon and Prime Time. If you have moved to a future time slot while in search for the program you want to watch, option Now is also available in the popup menu.



Selecting Prime Time from the Popup

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Next to Browse/Search 🕥

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Browse/Search

You can look for a program by browsing through categories by entering a key word or title.

Category Search

If you are searching for a specific program, Category search will help you find it quickly. Select from the following categories to narrow your search: **Movies**, **Sports**, **Children**, **Educational**, **News**, **Variety**, **Series**, **HDTV**, **A** – **Z** or **Search** to enter the keyword you are looking for. These primary categories further refine your search with subcategories, for example **Movies/Science Fiction** or **Children/Animation**.

While in the Guide, highlight the **Browse/Search** on the **Guide Menu Bar** then press ↓ to move to the **Search Menu**. Press ↓ to highlight the category such as **Movies**.

The Movie category is further filtered into subcategories. Press \checkmark and \checkmark/\diamond or \diamond/\diamond to highlight a subcategory of your choice then press \leftrightarrow . A list of available movies in that subcategory is displayed with time and channel information. Press \diamond/\diamond to highlight the movie of your choice then press \leftrightarrow .

Alphabetical search

If you know the title of the show you can search by the first letter of the the show's title. While in the **Search Menu**, highlight **Alphabetical** to display the alphabet chart. Press and 4/4 or 1/4 to highlight the first letter of the show then press (+) to display the list of shows beginning with the same alphabet letter. Press 1/4 to highlight your show then press (+).

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- Edit Channels
- Update TV Listings
- Select Channel Lineup

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Exploring Fun Features > TV Guide On Screen > Settings

The Guide **Settings** (Page 2 of 5)

Guide Information Screen

The information provided on this screen pertains to your Guide. You cannot change the information. They are for your reference.

Guide Settings

Provides the following editing options:



Options

Descriptions

- Language
- Update Listings Overnight
- Preview Window
- Defaul Start Area
- Default Start Profile

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The Guide Settings (Page 2 of 5)

Guide Information Screen

The information provided on this screen pertains to your Guide. You cannot change the information. They are for your reference.

Guide Settings

Provides the following editing options:



Options

Language

- Update Listings Overnight
- Preview Window
- Defaul Start Area
- Default Start Profile

Descriptions

Language

The language for the Guide is determined by the language which you selected during the TV's **Initial Setup** process, or in the TV's **Preference** menu, located under the **Settings** icon on the **XMB**.

Note: The language setting only applies to the Guide menus; the language for the program listings depends on the broadcaster.

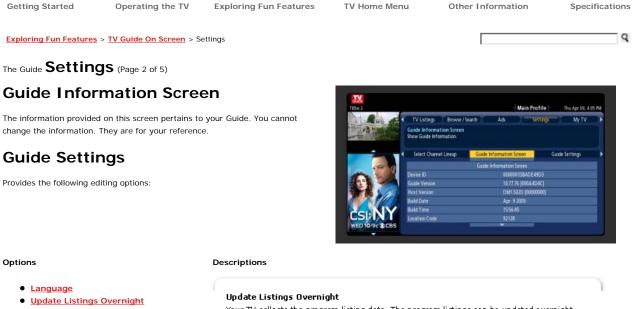


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- Preview Window
- Defaul Start Area
- Default Start Profile

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Your TV collects the program listing data. The program listings can be updated overnight when the option is selected to On.

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The Guide Settings (Page 2 of 5)

Guide Information Screen

The information provided on this screen pertains to your Guide. You cannot change the information. They are for your reference.

Guide Settings

Provides the following editing options:



Options

Descriptions

- Language
- Update Listings Overnight
- Preview Window
- Defaul Start Area
- Default Start Profile

Preview Window

The Preview Window allows you to view programs currently in progress. The options for the Preview Window are (1) to display currently playing program of a single channel or (2) tune to each TV station as you change the channel. If you select Lock, the preview window will display the program you were watching prior to entering the Guide and remains with the station at all times. Selecting Unlock will display the program in progress as you surf the channel.

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The Guide **Settings** (Page 2 of 5)

Guide Information Screen

The information provided on this screen pertains to your Guide. You cannot change the information. They are for your reference.

Guide Settings

Provides the following editing options:



Options

Descriptions

• Language

- Update Listings Overnight
- Preview Window
- Defaul Start Area
- Default Start Profile

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Default Start Area

You can choose which Menu bar item you would like to display on the screen when the GUIDE button is pressed by setting the Default Start Area.

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The Guide **Settings** (Page 2 of 5)

Guide Information Screen

The information provided on this screen pertains to your Guide. You cannot change the information. They are for your reference.

Guide Settings

Provides the following editing options:



Options

Descriptions

• Language

- Update Listings Overnight
- Preview Window
- Defaul Start Area
- Default Start Profile

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Default Start Profile

You can also choose which profile to display first from the Last Used or Main Profile. If you changed the name of Main Profile, the new name appears as an option.

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Exploring Fun Features	> <u>TV Guide On Screen</u> > Se	ettings			٩
The Guide Setting	S (Page 3 of 5)				
Profile Setti	ngs				
Create a personal profile	to manage the program lis	stings based on your preferences	5.		
A personalized profile allo	ws the Guide to display th	ne program listing with all of you	r favorite channels and p	rogram categories. The favorite	channels saved
while you are watching T	/ using TV OPTIONS menu	are linked to the favorites chan	nels list of the Main Profi	le. You can create up to four pe	rsonal profiles
including the Main Profile	The Main Profile can also	be renamed to personalize it.			
Follow thesteps below to	Create or Modify Persor	nal Profiles.			
This feature allows chang	es made to the Main Profi	le and to the other three profiles			

 <u>Step 1</u> <u>Step 2</u> <u>Step 3</u> 	Click a link to the left for more information.)
• <u>Step 4</u>		
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Profile Settings

Create a personal profile to manage the program listings based on your preferences.

A personalized profile allows the Guide to display the program listing with all of your favorite channels and program categories. The favorite channels saved while you are watching TV using TV OPTIONS menu are linked to the favorites channels list of the Main Profile. You can create up to four personal profiles including the Main Profile. The Main Profile can also be renamed to personalize it.

Follow thesteps below to Create or Modify Personal Profiles.

This feature allows changes made to the Main Profile and to the other three profiles.

- <u>Step 1</u>
- Step 2
- <u>Step 3</u>
- <u>Step 4</u>

Step 1

Rename the profile to personalize it. Highlight **Clear all** then press (+) to remove the existing name in the Input Field. Using the keyboard on screen to type the name you want for this profile. Select **Next** button on the screen to proceed to the next step when finished typing the name.

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Personal Profile Setup Button Profile Step Number

- Selecting the Reset button on the screen will clear changes you made to the profile and allow you to edit the Personal Profile.
- Selecting the Cancel button will take you back to the Profile Setup screen without saving your information.

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The Guide Settings (Page 3 of 5)

Profile Settings

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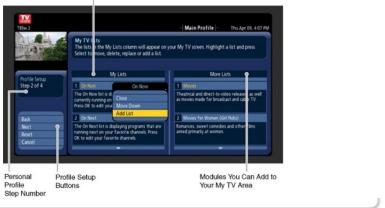
This feature allows changes made to the Main Profile and to the other three profiles.

- <u>Step 1</u>
- <u>Step 2</u>
- <u>Step 3</u>
- <u>Step 4</u>

Step 2

My TV feature allows you to view personalized Guide using the My TV Lists. Create My TV Lists with On Now, On Next, Hot List and My keywords options. On Now lists what is playing now on your favorite channels. On Next lists what will play next on your favorite channels. My Keywords lists programming based on your Personal Keyword; for instance, if you have "football" as your keyword then the programs related to football will appear under My Keywords option title.

In My TV Lists you can rearrange the order of appearance of these options as well as add a list of recommended programs by the Guide. Check the **More Lists** items. When all the necessary information is entered, select the **Next** button on the screen to proceed to the next step.



Lists Listed in Your My TV Area

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Profile Settings

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This feature allows changes made to the Main Profile and to the other three profiles.

- <u>Step 1</u>
- <u>Step 2</u>
- <u>Step 3</u>
- <u>Step 4</u>

Step 4

Creating a personal keyword list is another method of customizing your Guide. The key word can be associated with any of the keyword type to narrow down your option. Select the keyword type from Keyword (generic), Title, Actor, Director, Guest Star or Writer. Type your keyword into Input Field using the keyboard on your screen then select the keyword type. When completed, select the **Done** button on the screen. You can repeat the process to add more keywords to create your preferred programming list for My TV.

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Keyword (generic) Title	Special														
Actor Direco	ord Type														

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Reset Guide

The Reset Guide function allows the Guide to Reset and DELETE all Profile Settings or Reset and KEEP "My Favorites" keywords.

Edit Channels

You can hide or show the channels on the Guide by using this feature. While you are in the Guide, Use the $\checkmark/$ buttons to highlight Setup on the Menu Bar of the Guide then press \checkmark . Use the $\checkmark/$ buttons to highlight Channel Editor to display the channel lineup as shown here.

Press \clubsuit to get to the channel that you want to edit, then press (\clubsuit) to display channel mapping screen as shown here. Use your remote control's (\clubsuit) , (\clubsuit) , and (\clubsuit) buttons to edit the channel.





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Exploring Fun Features > TV Guide On Screen > Settings

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Update TV Listings

In addition to the automatic overnight update available from the Guide Settings, the Guide can be manually updated using the Manual Data Download feature. The update may take a few minutes to complete.

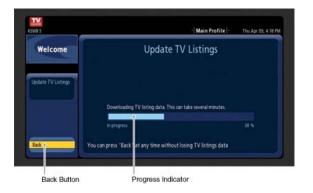
The **Manual Data Download** will retain your Personal Profile along with TV Listings data.

While you are in the Guide, use the $4/\bullet$ buttons to highlight **Setup** on the **Menu Bar** of the Guide then press 4. Use the $4/\bullet$ buttons to highlight **Manual Data Download** to display the screen shown here.

Select Channel Lineup

Regardless of how you have connected your signal source, whether using a cable service or over-the-air, the Guide will match the channel line up for your program.

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Exploring Fun Features > TV Guide On Screen > Predefined Profile

Predefined Profile

Default Profiles

The Guide provides General Profiles as a default setting. You can use the predefined profiles in **My TV** area to personalize the Guide. Predefined profiles are **Movies**, **Sports** and **Kids**. You can sort the programs based on these predefined profile categories.

To personalize these predefined profiles, see **Profile Settings**.



Back to Settings (Page 5 of 5)

Next to My TV 🗨

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Operating the TV

Exploring Fun Features

TV Home Menu

```
Other Information
```

Exploring Fun Features > TV Guide On Screen > My TV

My TV

The **My TV** feature allows you to organize the program listings by profiles such as **Movie**, **Sports**, or **Kids**. You can also create your own profile name and organize your favorite programs or channels.

My TV contains your personalized TV program listings. With the profile information you have provided, the Guide will collect and group the program to list your favorite programs in **On Now**, **On Next** and **My Keywords**.

You must create your personal profile or use the predefined profile first to enjoy **My TV**. Refer to <u>Predefined Profile</u> or <u>Profile Settings</u> to create the profiles.

Favorite Channels you have added while you viewing TV will become a part of your profile to display programs in **On Now** and **On Next**.

My TV area can have up to four profiles. While **My TV** is highlighted on the Guide Menu Bar press (+) to display the **My TV** popup menu to switch between the profiles. Shown here with predefined profiles.

You can set the Guide to display My TV when the GUIDE button is pressed; see Default Start Area.



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Specifications

Q

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Exploring Fun Features > TV Guide On Screen > Ads

Ads

Displays advertisements from TV Guide sponsors.



🕒 Back to My TV

<u>Next to Video</u> 🗨

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Exploring Fun Features > Video

Video

• Accessing Video

• Video Options

• Functionality of USB Equipment and DLNA Certified Media Servers

Mext to Accessing Video •

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Exploring Fun Features > Video > Accessing Video

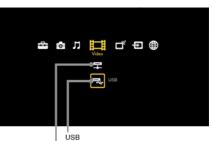
Accessing Video

- 1) Press HOME.
- 2) Highlight and select the Video category icon.
- 3) Press [▲]/[↓] to highlight and select an item. A sample **USB** icon is selected below.
- Video files and folders will be displayed in a List View. Highlight and select any available file or folder.

Navigating through Video

Use the remote control buttons described below to navigate through the feature.

Button	To Do			
OPTIONS	To access Video Options menu			
(+) ▲◀	To play or pause a Video, to select a folder or Video			
re play the providas viaco				
>>	To play the next Video			
PLAY	To play a Video			
PAUSE	To pause or resume play			
STOP	To stop play			
★ / ▼	To navigate the List View or to play the previous/next Video			
◆ / →	Press and hold to display control panel. Release to continue play			
RETURN	Press to return to the previous menu			



DLNA Certified media server

• Videos cannot be stored in the TV. You can save a video to the Favorites feature and access it when the equipment containing the video is connected.

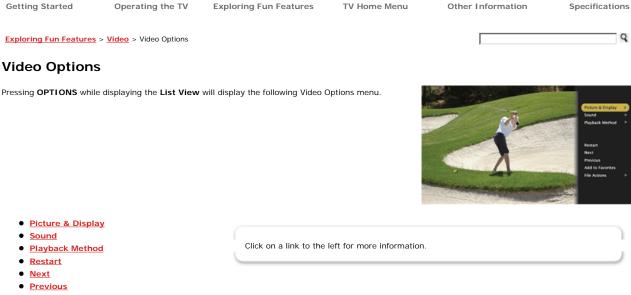
For a list of compatible video formats, see <u>Specifications.</u>

Back to Video

Next to Video Options

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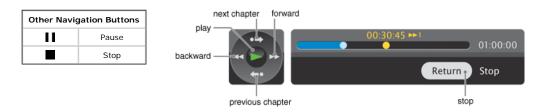
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- Add to Favorites/Remove from Favorites
- File Actions

Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.



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Getting Started Operating the TV Exploring Fun Features TV Home Menu Other Information Specifications Q Exploring Fun Features > Video > Video Options Video Options Pressing OPTIONS while displaying the List View will display the following Video Options menu. <u>Picture & Display</u> • Sound Picture & Display Playback Method Select to make adjustments to the display. • <u>Restart</u> **Picture Adjustments** • <u>Next</u> Select to make picture adjustments. • Previous Motionflow Add to Favorites/Remove from Favorites

Set the Motionflow to High, Standard, or Off.

Video Control Panel

• File Actions

While displaying a video, press and hold any of the buttons below to display the Video control panel.

 Other Navigation Buttons
 next chapter forward

 ■
 Pause

 ■
 Stop

 00:30:45 >> 1
 01:00:00

 Return Stop

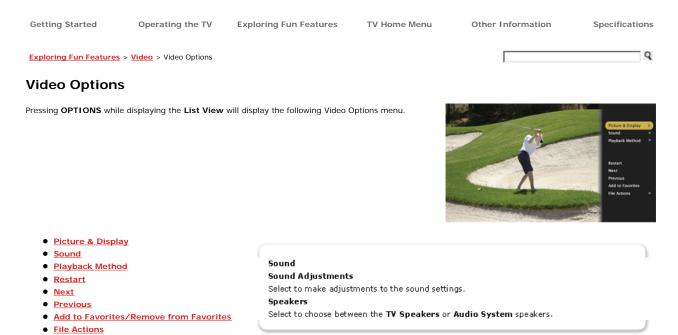
 previous chapter
 stop

Back to Accessing Video

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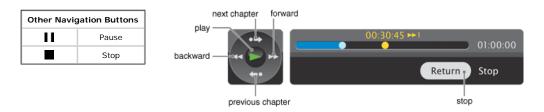
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Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.

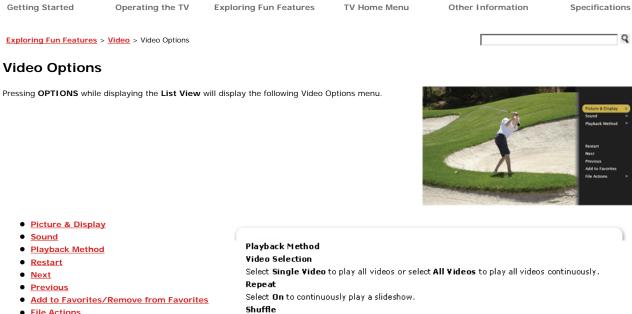


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Select \mathbf{On} to shuffle the track play order.

• File Actions

Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.

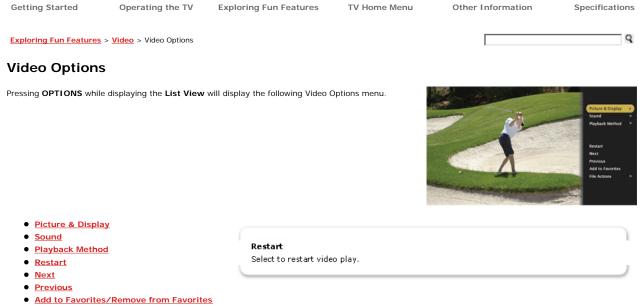
ther Navig	gation Buttons	next chapter forward	
П	Pause	play	00:30:45 ⊷1
	Stop	backward — 🚧 🍋 🖌	
	-	4 7•	Return Stop
		previous chapter	stop



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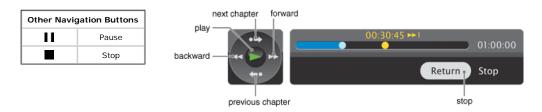
Tell us your opinion about this online reference book.



• File Actions

Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.

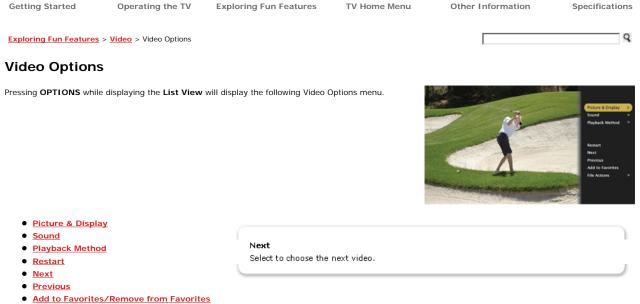


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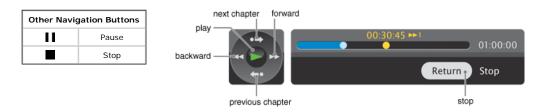
Tell us your opinion about this online reference book.



• File Actions

Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.

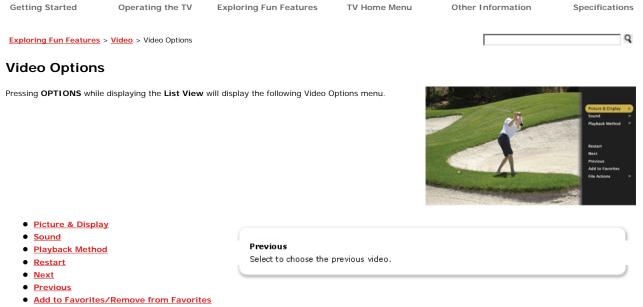


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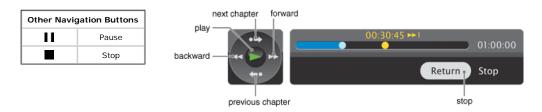
Tell us your opinion about this online reference book.



• File Actions

Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.

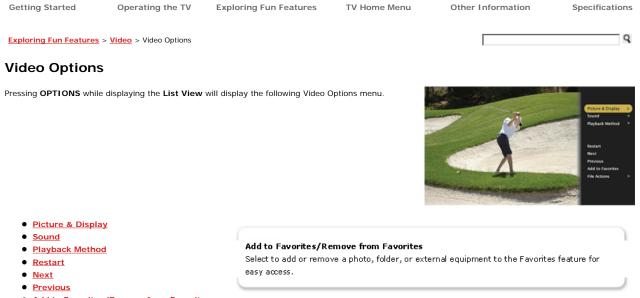


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- Add to Favorites/Remove from Favorites
- File Actions

Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.

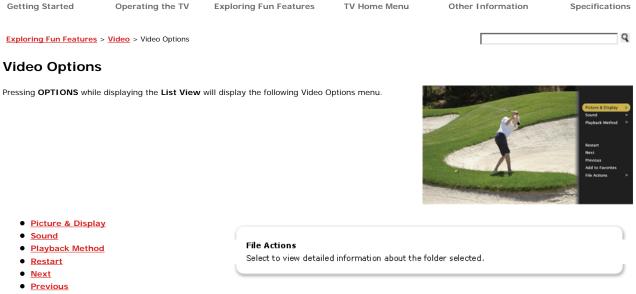
Other Navigation Buttons	next chapter forward	
Pause	play	00:30:45 ⊷1
Stop	backward — 🙀 🍋 🖌 📄	
	€ ¶•	Return Stop
	previous chapter	stop

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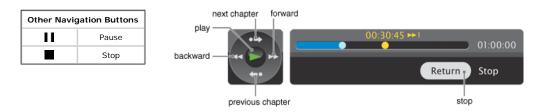
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- Add to Favorites/Remove from Favorites
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Video Control Panel

While displaying a video, press and hold any of the buttons below to display the Video control panel.



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Exploring Fun Feature	s > Video > Functionality of L	ISB Equipment and DI NA Certified M	ledia Servers		Q

Functionality of USB Equipment and DLNA Certified Media Servers

You can access your photo, music, and video files once you have set up DLNA Certified equipment or after plugging in Sony USB equipment directly to your TV.

The USB functionality on this TV is compatible with most Sony brand digital cameras, MICRO VAULT USB Flash Drives, and DLNA Certified media servers but not all. Sony cannot guarantee or assure compatibility with all formats, products or in the following cases:

- Use of non-Sony brand USB equipment
- Use of video or audio clips processed on a computer
- Use of files obtained from the Internet or from printed film processing center.

Prevent losing your files, be sure to back up all of your media files stored on USB equipment to prevent data corruption. Sony cannot accept responsibility for lost or damaged data stored on USB equipment.



Prevent losing your files, be sure to back up all of your media files stored on USB equipment to prevent data corruption. Sony cannot accept responsibility for lost or damaged data stored on USB equipment.

Back to Video Options

Next to Wide Mode 🕥

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Exploring Fun Features

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Exploring Fun Features > Wide Mode

Wide Mode

The **Wide Mode** feature allows you to select the screen display of your preference. Based on the original source, a black frame or black bars may surround the picture.

Changing the Wide Screen Mode

You can manually change the **Wide Mode** setting while watching TV by pressing the **WIDE** button on your remote control.

Press WIDE repeatedly to cycle through the available modes.





- Normal is only available with 480i or 480p sources.
- H Stretch is only available with 720p, 1080i, 1080p and 1080/24p sources.

Changing the Wide Screen Mode for PC Timing

Wide Mode is also available while in the PC input mode. Press WIDE repeatedly to cycle through the available modes while in the PC input mode.

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4:3 Original source	16:9 Original source
Standard-definition	High-definition source
source	
ŧ	¥
Wide Zoom	Wide Zoom
Normal	Normal
	This mode is not available.
Full	Full
H Stretch	H Stretch
This mode is not	
available.	
Zoom	Zoom
Incoming PC signa	al Incoming PC signal
800 × 6	00 1,280 × 768
+	ŧ
Normal	Normal
	BC B
Full 1	Full 1
	BC B
Full 2	Full 2
	808
L	

Next to TV Home Menu 🕥

TV Home Menu

Q

TV Home Menu

Most TV functions are available from this menu screen called the **TV Home Menu/XMB™**(Xross Media Bar). Press **HOME** to access the menu.

The Category icons organize your TV settings and TV features for quick and easy access.

Press 4/4 to highlight an item within a Category icon and then press + to make a selection.



Category Icons



The **Settings** icon contains all of the necessary configurations to customize your TV settings. <u>Product Support</u> for troubleshooting and TV software information. <u>Preferences</u> for customizing TV settings such as Timers, Parental Lock, Language, and much more. <u>Picture & Display</u> for adjusting picture and display settings. <u>Sound</u> for adjusting sound and speaker related settings. <u>Channels & Inputs</u> for setting up TV channel list and external inputs.

Network for setting up Network related settings.



The <u>Photo</u>, <u>Music</u>, and <u>Video</u> icons organize your photo, music, and video files from Internet content providers, DLNA Certified media servers, and Sony USB connected equipment. Be sure to select the correct icon when accessing files. Refer to <u>Exploring Fun Features</u> for more information on these icons.



The TV icon provides you access to the TV channel list. You can select the TV Guide On Screen® icon located at the top of the channels list from this icon.



Highlight the External Inputs icon to select your connected home equipment inputs when watching a movie, playing a game, recording a program, or working on your PC.



The <u>Network</u> icon lists downloaded **BRAVIA** Internet Widgets. You can access the Widget Gallery from this icon. Refer to <u>Exploring Fun Features</u> for more information on this icon.

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Other Information
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<u>TV Home Menu</u> > TV Settings Descriptions

TV Settings Descriptions

- Product Support
- Preferences
- Picture and Display
- Sound
- <u>Channels and Inputs</u>
- <u>Network</u>

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Exploring Fun Features

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<u>TV Home Menu</u> > <u>TV Settings Descriptions</u> > Product Support



Contact Sony

Sony contact information is available from this screen for your convenience. TV specific information such as Model Name, Serial Number, Software Version and downloadable ratings (if available from the TV) are displayed here.

Signal Diagnostics

Select to view the diagnostics information for the current signal.

Software Update

To view the current software version and check for software updates, the network must be connected to the TV or a broadcast download must be available (for U.S. customers only). Press 4/4 to choose the new version (if available) and press 4 to begin the software update.

- The Cable/Antenna cable needs to be connected directly to the TV and have digital TV programming (not available with the use of a cable box).
- The broadcast download is performed while the TV is off.
- The software update is performed while the TV is powered on.
- Do not turn off the TV during the software update; it may damage the TV software.

Back to TV Settings Descriptions

Next to Preferences (Page 1 of 2)

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TV Home Menu > TV Settings Descriptions > Preferences

Preferences (page 1 of 2)

Scene Select

Click a link to the left for more information.

Power Saving

- Light Sensor
- Idle TV Standby
- Idle TV Standby
 D0 Down Management
- PC Power Management

Clock/Timers

- Current Time
- <u>Timer</u>
- Sleep Timer

Language

Region

Closed Captions (CC)

- CC Display
- Analog CC
- Digital CC
- Display Options

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TV Home Menu

Q

<u>TV Home Menu</u> > <u>TV Settings Descriptions</u> > Preferences



Scene Select

Eco

Scene Select

Provides preset picture and sound settings that are optimized for the content you are viewing.

- Power Saving Light Sensor
- Idle TV Standby
- PC Power Management

Clock/Timers

- <u>Current Time</u>
- <u>Timer</u>
- Sleep Timer

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- Selecting General allows you to customize any of the settings individually when they are accessed.
- Press the SCENE button to easily access this feature.

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TV Home Menu > TV Settings Descriptions > Preferences

Preferences (page 1 of 2)

Scene Select

Eco
Choose the optional settings provided to further conserve power consumption.

Clock/Timers

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TV Home Menu > TV Se	ettings Descriptions > Prefe	rences			Q		
Prefere	PRCES (page 1 of 2)						
Scene Select	-						
<u>Eco</u>		Power Saving Reduces the power co	Power Saving Reduces the power consumption by adjusting the backlight brightness. This also enhances				
Power Saving		the black level. Selec	t from Off , Low, High ar	nd Picture Off.			
Light Sensor							
Idle TV Standb PC Power Mana	•		is set, pressing the VOL - er buttons to disable it.	+/- or MUTING buttons will no	ot disable this		

Clock/Timers

- Current Time
- <u>Timer</u>
- Sleep Timer

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TV Home Menu > TV Set	tings Descriptions > Prefe	rences			٩
Preferen	ICES (page 1 of 2)				
Scene Select					
<u>Eco</u>		Light Sensor Enables the automati	c picture (screen) brightn	ess control. The Light Sensor	measures the
 <u>Power Saving</u> <u>Light Sensor</u> 		-	sh allows the TV to autom is and the ambient room l	atically adjust the backlight bri light conditions.	ghtness based
 Idle TV Standby PC Power Manage 			power and the series	sor, as its function may be affe	-+d
Clock/Timers		•	· -	rol is reduced when the Light §	
 <u>Current Time</u> <u>Timer</u> Sleep Timer 					

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Getting Started Operating the TV Exploring Fun Features TV Home Menu Other Information Specifications Q <u>TV Home Menu</u> > <u>TV Settings Descriptions</u> > Preferences Preferences (page 1 of 2) Scene Select ١ Idle TV Standby Eco Select to automatically power off the TV after 1 hour, 2 hours, or 3 hours when no buttons are pressed on the remote control or the TV. Select **Off** to disable this function. Power Saving Light Sensor

Clock/Timers

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TV Home Menu > TV Set	tings Descriptions > Prefe	rences			Q
Prefere	ICES (page 1 of 2)				
Scene Select					
<u>Eco</u>		PC Power Managem Select On to have the		tandby mode when there is no	signal input for
 <u>Power Saving</u> <u>Light Sensor</u> 		more than 30 second: option, Select Off to d		the front panel illuminates with	n the On
 Idle TV Standby PC Power Manage 			the state of		
Clock/Timers			xit from standby mode. e ment is not VESA-comp	liant.	

- Current Time
- <u>Timer</u>
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TV Home Menu > TV S	ettings Descriptions > Prefe	erences			٩
Prefere	Ences (page 1 of 2)				
Scene Select	<u>.</u>				
<u>Eco</u>		Current Time Set the current day and time (date, hour, minutes, and AM/PM). The Timer feature will no			
Power Saving Light Sensor		be available until you	i set the C urrent Time .		
Idle TV Standb PC Power Man	•	 If the option is disa 	abled, the TV Guide On 9	Creen has automatically set th	ie time.

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- Current Time
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<u>TV Home Menu</u> > <u>TV S</u>	ettings Descriptions > Prefe					
Prefere	Ences (page 1 of 2)					
Scene Select	<u>i</u>					
<u>Eco</u>	T imer Timer can be set to have the TV tune to a certain TV channel or other connected equip				ted equipment	
Power Saving Light Sensor Idla TV Standk		as well as a specified volume at the specified time and duration you set. Turning on the Timer will allow setting the following: Day of the Week, Time, Duration, Input, Channel, and TV On Volume.				

- Idle TV Standby
- <u>PC Power Management</u>

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Clock/Timers

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Getting Started Operating the TV Exploring Fun Features TV Home Menu Other Information Specifications Q <u>TV Home Menu</u> > <u>TV Settings Descriptions</u> > Preferences Preferences (page 1 of 2) Scene Select ١ Language Eco Select the language of your choice from English, Español and Français to be used for displaying all the on-screen text. Power Saving Light Sensor

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<u>TV Home Menu</u> > <u>TV So</u>	ettings Descriptions > Prefe	rences			٩
Prefere	Ences (page 1 of 2)				
Scene Select					
<u>Eco</u>		Region Set up your location	to reœive serviœs from t	he Internet content providers a	s well as TV
Power Saving Light Sensor		Guide program data.			

Clock/Timers

Idle TV Standby
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TV Home Menu > TV Se	ettings Descriptions > Prefe	rences			Q
Prefere	PICES (page 1 of 2)				
Scene Select					
<u>Eco</u>		CC Display This option allows you	to view Closed Caption	s (CC).	1
Power Saving Light Sensor Idle TV Standb		On Off On when Muting	Enables CC Displ Disables CC Disp Automatically dis	•	TV is muted.

- Idle TV Standby
- <u>PC Power Management</u>

Clock/Timers

- Current Time
- <u>Timer</u>
- Sleep Timer

Language

Region

Closed Captions (CC)

- CC Display
- Analog CC
- Digital CC
- Display Options

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Prefere	Ences (page 1 of 2)				
Scene Select	<u>.</u>				
<u>Eco</u>		Analog CC For the basic analog (EIA-608) dosed caption o	pptions.	1
Power Saving			•	alogue or sound effects of a pro	gram. (Should
Light Sensor		•	CC1 for most programs.)		
Idle TV Standb	<u>by</u>	, , ,		on presented using either half o	r the whole
PC Power Man	agement	Text2, screen (if	available).		
		Text3.			

Text4

Clock/Timers

- Current Time
- <u>Timer</u>
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Clock/Timers

Idle TV Standby
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Prefere	PRCES (page 1 of 2)					
Scene Select						
<u>Eco</u>		Display Options Oustomize the Close	d Captions (CC) displays	; with Text, Character Size, C	Character	
Power Saving Light Sensor		• •	Style, Character Color, Character Opacity, Edge Type, Edge Color, Background Color and Background Opacity.			

- Light Sensor
- Idle TV Standby
- PC Power Management

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- <u>Timer</u>
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TV Home Menu > TV Settings Descriptions > Preferences

Preferences (Page 2 of 2)

Parental Lock

• Password

• Country

Click a link to the left for more information.

- <u>Rating</u>
- Downloadable U.S. Rating
- Unrated
- <u>Channel Block</u>
- <u>Movie Rating</u>
- TV Rating
- English Rating
- French Rating
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Getting Started Operating the TV **Exploring Fun Features** TV Home Menu Other Information Specifications Q TV Home Menu > TV Settings Descriptions > Preferences Preferences (Page 2 of 2) Parental Lock Parental Lock Password To View Blocked Programs • <u>Country</u> Press ENT when tuned to a blocked program, then enter the password. To reactivate the • Rating Parental Lock settings, turn off and on the TV. The Parental Lock feature allows you to Downloadable U.S. Rating block programs according to their content and rating levels and block channels (regardless • Unrated of the programs). Password is necessary in setting up blocking. <u>Channel Block</u> Movie Rating TV Rating The Parental Lock feature is also available with Video and Component (480i) inputs. English Rating • French Rating • U.S.A. Rating

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Getting Started

Operating the TV

Exploring Fun Features

Password

Change Password

TV Home Menu

message will appear on the screen upon confirmation.

Use 0-9 button on the remote control to enter a four-digit password. The first time the

password is created, you must re-enter it again to confirm the password. "Password set"

You can change your password by entering the **Parental Lock** setting with the previously

set password. Highlight and select ${\bf Change}\ {\bf Password},$ then enter the new password.

• You need your password for any future access into the Parental Lock settings.

```
Other Information
```

Specifications

Q

TV Home Menu > TV Settings Descriptions > Preferences



Parental Lock

- Password
- <u>Country</u>
- Rating
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 TV Home Menu > TV Settings Descriptions > Preferences
 Image: Comparison of the temperature of temperature of

Parental Lock

Password	Rating	
Country	Off	Turns off Parental Lock . No programs are blocked from viewing based
Rating		on their ratings.
Downloadable U.S. Rating	Child	Ratings permitted are:
Unrated		United States: TV Rating: TV-Y, TV-G MPAA: G
<u>Channel Block</u>		Canada: English TV Rating: C, G. French TV Rating: G
Movie Rating	Youth	Maximum ratings permitted are:
• TV Rating		United States: TV Rating: TV-PG MPAA: PG
English Rating		Canada: English TV Rating: PG. French TV Rating: 8 ans+
French Rating	Young Adult	Maximum ratings permitted are:
U.S.A. Rating		United States: TV Rating: TV-14 MPAA: PG-13
_		Canada: English TV Rating: 14+. French TV Rating: 13 ans+
fo Banner	Custom	Sets ratings manually.

ratings, select Custom.

• If you are not familiar with the parental guideline rating system, you should select **Child**, **Youth**, or **Young Adult** to help simplify the rating selection. To set more specific

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TV Home Menu > TV S	ettings Descriptions > Prefe	rences			٩
Prefere	Ences (Page 2 of 2)				
Parental Loc	<u>k</u>				
• Password		Downloada	ble U.S. Rating		1
<u>Country</u> Pating		Off	Turn Downloadable U.S are blocked from viewi	S. Rating off. No programs containing ng.	digital ratings

Select to customize the Parental Lock with downloadable digital ratings.

Select to clear the downloaded ratings.

Custom

Clear All

- <u>Rating</u>
- Downloadable U.S. Rating
- Unrated
- <u>Channel Block</u>
- Movie Rating
- TV Rating
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Getting Started Operating the TV **Exploring Fun Features** TV Home Menu Other Information Specifications Q TV Home Menu > TV Settings Descriptions > Preferences Preferences (Page 2 of 2) Parental Lock Unrated Password Allow Allows programs and movies that are broadcasted without a rating. • Country Block Blocks all programs and movies that are broadcasted without a rating. • Rating Downloadable U.S. Rating • Unrated If you block unrated TV programs, be aware that the following types of programs may be <u>Channel Block</u> blocked: programs broadcast from another country, emergency broadcasts, political Movie Rating programs, sports, news, public service announcements, religious programs and weather. TV Rating English Rating

- French Rating
- U.S.A. Rating

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 $\ensuremath{\mathsf{Press}}\xspace$ when tuned to the blocked channel, then enter the password.

- <u>Channel Block</u>
- Movie Rating
- TV Rating
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 Image: Comparison of the temperature of temperature of

All children and general audience

Parental guidance for children under 13

Restricted viewing, parental guidance is suggested for ages under 17

Parental guidance suggested

No one 17 or under allowed

Movie Rating

NC-17 and X

G

PG

R

PG-13

- Password
- <u>Country</u>
- Rating
- Downloadable U.S. Rating
- <u>Unrated</u>
- <u>Channel Block</u>
- Movie Rating
- TV Rating
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 Image: Comparison of the temperature of te

TV Rating Password Age-Based Ratings • <u>Country</u> TV-Y All children • Rating TV - Y7 Directed to children age 7 and older Downloadable U.S. Rating TV-G General audience • Unrated TV-PG Parental guidance suggested <u>Channel Block</u> TV -14 Parents strongly cautioned Movie Rating TV-MA Mature audience only • TV Rating Content-Based Ratings English Rating F٧ Fantasy violence French Rating D Suggestive dialogue • U.S.A. Rating L Strong language Sexual situations s Info Banner v Violence

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To ensure maximum blocking capability, set the Age-Based Ratings.

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Prefere	Page 2 of 2)				
Parental Loc	<u>k</u>				
• Password		English Rating			
Country		C All	children		
Rating		C8+ Ch	ildren 8 years and older		
Downloadable	U.S. Rating	G Ge	eneral programming		
Unrated		PG Pa	rental guidance		

Viewers 14 and older

Adult programming

14+

18+

- Unrated
- <u>Channel Block</u>
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Prefere	PAGE (Page 2 of 2)					
Parental Loc	<u>k</u>					
Password	Password French Rating					
<u>Country</u>		G	General programming			
Rating		8 ans+	Not recommended for young	children		
Downloadable	U.S. Rating	13 ans+	Not recommended for ages u	nder 13		
Unrated	¥	16 ans+	Not recommended for ages u	nder 16		
Channel Block		18 ans+	Programming restricted to ac	lults		

Front Panel Illumination

Movie Rating
TV Rating
English Rating
French Rating
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Prefere	PRCES (Page 2 of 2)					
Parental Loc	<u>k</u>					
 <u>Password</u> <u>Country</u> 		U.S.A. Rating See TV Rating for details.				
Rating						

- Downloadable U.S. Rating
- Downloadable U.S. Rat
- Unrated
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Getting Started Operating the TV **Exploring Fun Features** TV Home Menu Other Information Specifications Q TV Home Menu > TV Settings Descriptions > Preferences Preferences (Page 2 of 2) Parental Lock Info Banner Password Displays the program name and the program information such as program title and program • Country rating (if available from the broadcaster). Select the amount of program information to Rating display when tuning. Downloadable U.S. Rating Small Select to display minimal channel and program information. • Unrated Medium Select to display channel and program information. <u>Channel Block</u> Large Select to display detailed channel and program information. Movie Rating TV Rating English Rating Info Banner appears on the screen each time the channel and external inputs are

changed or when **DISPLAY** on the remote control is pressed.

- French Rating
- U.S.A. Rating

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 Image: Comparison of the teacher of teach

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<u>French Rating</u>
<u>U.S.A. Rating</u>

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<u>Unrated</u>
<u>Channel Block</u>
<u>Movie Rating</u>
<u>TV Rating</u>
<u>English Rating</u>

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Prefere	PICES (Page 2 of 2)					
Parental Loc	<u>k</u>					
Password Home Menu Scrolling Country Adjust the navigation speed when scrolling through menu items. Rating Standard Select to scroll quickly with ↑/▼ buttons. Downloadable U.S. Rating Mode 1 Select to scroll slowly with ↑/♥ buttons. Unrated Mode 2 Select to scroll individually with repeated ↑/♥/♥ button press.						

- <u>Channel Block</u><u>Movie Rating</u>
- TV Rating
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Picture	& Display (Pag	e 1 of 2)			
Picture Adjus	stments				
<u>Picture Mode</u>		Click a link to the lef	t for more information.		
• <u>Reset</u>					
Backlight					
<u>Picture</u>					
Brightness					
<u>Color</u>					
• <u>Hue</u>					
Color Temperat	ure				
 Sharpness 					
Noise Reduction					
MPEG Noise Reg	duction				
<u>Motionflow</u>					
<u>CineMotion</u>					
Advanced Setting	ngs				

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Picture Adjustments

Picture Mode	Picture Mode	Vivid	For enhanced picture contrast and sharpness.
Reset	For Video	Standard	For standard picture settings. Recommended for home
Backlight			entertainment.
Picture		Cinema	For viewing film-based content. Most suitable for viewing
Brightness			in a theater-like environment.
Color		Custom	Allows you to store your preferred settings.
Hue	For Photo	Photo-¥ivid	For enhancing contrast and sharpness.
<u>Color Temperature</u>		Photo-Standar	d For standard viewing; select for home use.
Sharpness		Photo-Original	Images resemble the printed pictures from your photo
Noise Reduction			album.
MPEG Noise Reduction		Photo-Custom	Allows you to store your preferred settings.
Motionflow		Text	This option is available for PC timing (HDMI or PC input)
CineMotion			signal to enhance the text shown on the screen.
Advanced Settings			
	control to dire	ectly toggle the mo or Picture Mode m	also be accessed by pressing PICTURE on the remote des. nay vary depending on the Video/Photo Optimizer

Game Mode and Video/Photo Optimizer features are not available when Theater Mode is set to On.

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	& Display (Page	e 1 of 2)			
Picture Adjust	ments				
<u>Picture Mode</u>		Reset			
<u>Reset</u>		Resets the current se	ttings to the default value	es.	
Backlight					
<u>Picture</u>					
Brightness					
<u>Color</u>					
 <u>Hue</u> Color Temperatur 					
Sharpness	e				
Noise Reduction					
MPEG Noise Redu	iction				
Motionflow					
<u>CineMotion</u>					
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Picture Adjust		e 1 of 2) Backlight Brightens or darkens	the backlight)
Backlight Picture Brightness Color					
Hue Color Temperatur Sharpness Noise Reduction					
MPEG Noise Redu Motionflow <u>CineMotion</u> Advanced Setting					

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• Picture Mode		Picture			
<u>Reset</u>		Increases or decreas	es picture contrast.		
Backlight					
<u>Picture</u>					
Brightness					
<u>Color</u>					
• <u>Hue</u>					
Color Temperatu	re				
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• Reset		Brightens or darkens	the picture.		
Backlight					
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Brightness					
<u>Color</u>					
• <u>Hue</u>					
Color Temperation	<u>ture</u>				
Sharpness					
<u>Noise Reductio</u>	<u>n</u>				
MPEG Noise Re	duction				
<u>Motionflow</u>					
<u>CineMotion</u>					

Advanced Settings

Game Mode and Video/Photo Optimizer features are not available when Theater Mode is set to On.

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<u>Picture Mode</u>		Color			
<u>Reset</u>		Increases or decreas	es the green tones.		
Backlight					
<u>Picture</u>					
Brightness					
<u>Color</u>Hue					
Color Temperatur	re				
Sharpness	-				
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<u>Picture Mode</u> <u>Reset</u>		Hue Increases or decreas	es the green tones.		
 <u>Backlight</u> <u>Picture</u> 					
 Brightness Color 					
 <u>Hue</u> <u>Color Temperatu</u> 	<u>ire</u>				
Sharpness Noise Reduction					
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Picture Adjust	ments				
<u>Picture Mode</u>		Color Temperatur			
• <u>Reset</u>		Cool	Gives the white colors a		
Backlight		Neutral	Gives the white colors a		
<u>Picture</u>		Warm 1, 2	Gives the white colors a	reddish tint.	
Brightness					
<u>Color</u>					
• <u>Hue</u>		The option Warm	1 1 , 2 is not available for V	ivid and Photo-Vivid.	
Color Temperature	re				
Sharpness					
Noise Reduction					
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<u>Picture Mode</u>		Sharpness			
<u>Reset</u>		Sharpens or softens t	the picture.		
Backlight					
<u>Picture</u>					
Brightness					
• <u>Color</u>					
• <u>Hue</u>					
<u>Color Temperatur</u>	re				
Sharpness					
<u>Noise Reduction</u>					
<u>MPEG Noise Redu</u>	lction				
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Picture Adjus	tments				
 <u>Picture Mode</u> <u>Reset</u> Backlight 		Noise Reduction Reduces the picture	noise level.		
 <u>Picture</u> <u>Brightness</u> 					
<u>Color</u> <u>Hue</u> Color Terresette					
<u>Color Temperatu</u> <u>Sharpness</u>					
<u>Noise Reduction</u> <u>MPEG Noise Red</u> <u>Motionflow</u>					

- <u>CineMotion</u>
- Advanced Settings
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Picture Adjustm	nents				
 Picture Mode Reset Backlight Picture Brightness Color Hue Color Temperature Sharpness Noise Reduction MPEG Noise Reduction Motionflow CineMotion Advanced Settings 	ion	MPEG Noise Reduct Reduces the mosaic e TV channels.		d video. Useful for DVDs, Blu-ra	ay and digital

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Picture Adjustments	Motionflow			
<u>Picture Mode</u> <u>Reset</u>	Enhances the smoot	hness of picture movemer		
Backlight Picture	-		novement for film-based content. vement. Use this setting for stand	
Brightness		e this setting when the Hi tifacts such as ghosting.	igh and Standard settings result	in video
<u>Color</u> <u>Hue</u>		andoo soon as ghosang.		
<u>Color Temperature</u> <u>Sharpness</u>	 A noticeable chan 	ge may be seen dependin	g on the video.	
<u>Noise Reduction</u> <u>MPEG Noise Reduction</u>				
Motionflow				
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Picture	e & Display (Pag	e 1 of 2)			
Picture Adju	stments				
 <u>Picture Mode</u> <u>Reset</u> 		CineMotion Automatically detects	film-based content and a	pplies an inverse 3-2 pull-dowr	n process and a

Auto 1

Auto 2

Off

motion estimation engine to improve film content and de-interlacing performance.

• The CineMotion feature can be set separately for each input (except PCIN).

images. Select for standard use.

similar to the original film.

Turns off CineMotion.

Applies an inverse 3-2 pull-down process along with motion estimation to

Applies only the inverse 3-2 pull-down process. Picture movement will be

obtain the smoothest picture quality and reduces artifacts of moving

- Backlight
- <u>Picture</u>
- Brightness
- <u>Color</u>
- <u>Hue</u>
- <u>Color Temperature</u>
- Sharpness
- <u>Noise Reduction</u>
- MPEG Noise Reduction
- <u>Motionflow</u>
- <u>CineMotion</u>
- Advanced Settings

Game Mode and Video/Photo Optimizer features are not available when Theater Mode is set to On.

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<u>TV Home Menu</u> > <u>TV Settings Descriptions</u> > Picture & Display



Picture Adjustments

Picture Mode	Advanced Set	tings
Reset	Available in the	e following Picture Modes: Standard, Cinema, Custom, Photo-Standard
Backlight	Photo-Origin	al, and Photo-Custom.
Picture	Reset	Resets all the advanced settings to the default values.
Brightness	Black	Enhances black areas of the picture for stronger contrast.
Color	Corrector	
Hue	Adv. Contrast	: Automatically optimizes the backlight and contrast. This setting is especially
Color Temperature	Enhancer	effective for dark picture scenes.
Sharpness	Gamma	Adjusts the balance between light and dark areas of the picture.
Noise Reduction	Auto Light	Controls the backlight to reduce excessive brightness in bright scenes. For
MPEG Noise Reduction	Limiter	example, when watching daytime outdoor scenes you can select from High
Motionflow		Medium, Low . Select Off to disable the feature.
CineMotion	Clear White	Emphasizes white and light colors.
Advanced Settings	Wide Color	Selects the range of color reproduction from Wide or Standard.
<u>naranoou ootinigo</u>	Live Color	Available when Color Space is set to Wide . Makes colors more vivid and reproduces clear skin tones.
	White	Adjusts the color temperature in detail.
	Balance	najasa die osier comportatio in dotalli

- Picture settings for all inputs can also be accessed by pressing OPTIONS on the remote control, then selecting $\ensuremath{\textbf{Picture}}\xspace \ensuremath{\textbf{Adjustments}}\xspace$ settings from the OPTIONS menu.
- Picture settings available during PC input are Picture Mode, Reset, Backlight, Picture, Brightness, and Color Temperature.

Game Mode and Video/Photo Optimizer features are not available when Theater Mode is set to On.

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Picture	e & Display (Pag	e 2 of 2)			
Screen Settin	ngs				
<u>Wide Mode</u>Auto Wide		Click a link to the left	t for more information.		
• <u>4:3 Default</u>					
Auto Display A	rea				

- Display Area
- <u>Screen Position</u>
- Vertical Size

- Auto Adjust
- <u>Reset</u>
- Phase
- Pitch
- <u>H Center</u>
- V Center
- Wide Mode

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Screen Settings

 Wide Mode Auto Wide A:3 Default Auto Display Area Display Area Screen Position Vertical Size Screen settings for PC timings and HDMI-PC (PC Input) differ from all other input modes and are shown below.	Wide Mode Wide Zoom Normal Full H Stretch Zoom	Fills the screen with minimum distortion. Displays the 4:3 picture in its original aspect ratio when the original source is 4:3. Enlarges the picture horizontally to fill the screen when the original source is 4:3. When the original source is 16:9 (High-definition source), select this mode to display the 16:9 picture in its original size. Enlarges the picture horizontally to fill the screen when the original source is 16:9. It is useful for HD channels with 4:3 content. Select to enlarge the picture horizontally and vertically to fill the screen while maintaining the aspect ratio.
 Auto Adjust Reset Phase Pitch H Center V Center Wide Mode 	 Normal is a 	can also be accessed by pressing WIDE on the remote control. vailable with 480i or 480p sources only. s only available with 720p, 1080i, 1080p and 1080/24p sources.

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Screen Settin	igs				
Wide Mode		Auto Wide			
Auto Wide		On	Automatically changes Wide	Mode setting based upon cont	ent. If frequent
4:3 Default			screen changes are disturbing	g to you, select Off .	
Auto Display Are	ea	Off	Turns off the Auto Wide opt	ion. Choose a Wide Mode fron	n the Wide
Display Area			Mode option.		
<u>Screen Position</u>					

• Auto Adjust

Vertical Size

- <u>Reset</u>
- Phase
- Pitch
- <u>H Center</u>
- <u>V Center</u>
- Wide Mode

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Picture	e & Display (Pag	e 2 of 2)			

Screen Settings

 Wide Mode Auto Wide 4:3 Default Auto Display Area Display Area Screen Position Vertical Size Screen settings for PC timings and HDMI-PC (PC Input) differ from all other input modes and are shown below.	4:3 Default S Wide Zoom Normal Full Zoom Off	elect the default screen mode to use for 4:3 sources Enlarges the 4:3 picture to fill the 16:9 screen, displaying as much of the original image as possible. Displays the 4:3 picture in its original aspect ratio. Select to enlarge the 4:3 picture horizontally only, to fill the screen. Select to enlarge the picture horizontally and vertically to fill the screen while maintaining the aspect ratio. Select to continue using the current Wide Mode setting when the channel or input is changed.
 <u>Auto Adjust</u> <u>Reset</u> <u>Phase</u> Pitch 	 If 4:3 Defa current char 	tis not available if Auto Wide is set to Off . ult is set to anything but Off , the Wide Mode setting applies only to the anel. When you change channels (or inputs), Wide Mode is automatically h the 4:3 Default setting for 4:3 sources. To retain the current Wide Mode

setting as channels and inputs are changed, set 4:3 Default to Off.

- Pitch
- H Center
- V Center
- Wide Mode
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Screen Setti	ngs				
<u>Wide Mode</u> <u>Auto Wide</u> <u>4:3 Default</u>			: the viewable screen area t or select Off to disable #	a based on the signal. Select O i this feature.	n to allow

- 4:3 Default
- Auto Display Area
- Display Area
- <u>Screen Position</u>
- Vertical Size

- Auto Adjust
- <u>Reset</u>
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Screen Settin • <u>Wide Mode</u> • <u>Auto Wide</u> • <u>4:3 Default</u> • <u>Auto Display Area</u>	ngs	Display Area Full Pixel Displays th Normal Displays th	ne picture for 1080i, 1080 ne picture in its original si he picture to hide the edç		iginal size.
Screen Position Vertical Size	<u>n</u>	 For 720p, 1080i, 10 to Full. 	080p and 1080/24p, feat	ure is only available when Wide	• Mode is set

- Auto Adjust
- <u>Reset</u>
- Phase
- Pitch
- <u>H Center</u>
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- Wide Mode

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Screen Settin					
 <u>Wide Mode</u> <u>Auto Wide</u> 4:3 Default 		Screen Position Adjust the Vertical p positioning.	ositioning by pressing 🕇	/♥. Press ♥/♥ to adjust the H	Horizontal
 <u>Auto Display Are</u> <u>Display Area</u> 	<u>ea</u>	Screen Position f	eature is useful if the TV	is connected to game equipmer	at .
<u>Screen Position</u> <u>Vertical Size</u>		 Vertical position is 	available only when Wid		

- Auto Adjust
- <u>Reset</u>
- Phase
- Pitch
- <u>H Center</u>
- V Center
- Wide Mode

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Screen Settii					
 <u>Wide Mode</u> <u>Auto Wide</u> <u>4:3 Default</u> 		Vertical Size Adjusts the vertical s	size of a standard-definitio	on picture.	I
 <u>Auto Display A</u> <u>Display Area</u> <u>Screen Position</u> Vertical Size 		 Vertical Size is a standard-definition 		Mode is set to Wide Zoom or	Zoom for

- Auto Adjust
- <u>Reset</u>
- Phase
- Pitch
- <u>H Center</u>
- V Center
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Screen Setti	ngs				
 <u>Wide Mode</u> <u>Auto Wide</u> <u>4:3 Default</u> 		Auto Adjust Select Yes to start th	ne auto adjust for the PC i	input.	

- <u>Auto Display Area</u>
- Display Area
- <u>Screen Position</u>
- Vertical Size

- Auto Adjust
- <u>Reset</u>
- Phase
- Pitch
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Screen Settir	ngs				
 <u>Wide Mode</u> <u>Auto Wide</u> 4:3 Default 		Reset Resets the settings to	o the default values.		

- <u>Auto Display Area</u>
- Display Area
- Screen Position
- Vertical Size

- Auto Adjust
- <u>Reset</u>
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 Wide Mode Auto Wide 4:3 Default 		Phase Adjust after Pitch to	fine tune overall sharpne:	55.	
Auto Display A	rea				

- Display Area
- <u>Screen Position</u>
- Vertical Size

- Auto Adjust
- <u>Reset</u>
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Wide Mode		Pitch			
Auto Wide		Adjust uneven sharp	ness on screen.		
• 4:3 Default					
Auto Display Ar	ea				

- Screen settings for PC timings and HDMI-PC (PC Input) differ from all other input modes and are shown below.
 - Auto Adjust

<u>Display Area</u>
<u>Screen Position</u>
<u>Vertical Size</u>

- <u>Reset</u>
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Screen Setting	gs				
<u>Wide Mode</u> <u>Auto Wide</u> <u>4:3 Default</u>		H Center Allows you to move t	he position of the picture	horizontally (left and right).	

- Auto Display Area • Display Area
- <u>Screen Position</u>
- Vertical Size

- Auto Adjust
- <u>Reset</u>
- Phase
- Pitch
- H Center
- <u>V Center</u>
- Wide Mode

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Screen Settir	ngs				
• Wide Mode		¥ Center			
<u>Auto Wide</u>		Allows you to move t	he position of the picture:	vertically (up and down).	
• 4:3 Default					
Auto Display Ar	rea				

- Screen settings for PC timings and HDMI-PC (PC Input) differ from all other input modes and are shown below.
 - Auto Adjust

<u>Display Area</u>
<u>Screen Position</u>
<u>Vertical Size</u>

- <u>Reset</u>
- Phase
- Pitch
- <u>H Center</u>
- V Center
- Wide Mode
- Auto Adjus, Phase, and Pitch are not available for HDMI PC.

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Screen Settin • <u>Wide Mode</u> • <u>Auto Wide</u> • <u>4:3 Default</u> • <u>Auto Display Ar</u>	5	Full 1		n its original resolution and asp to fill the screen, while maintair to fill the screen.	
Display Area Screen Position Vertical Size	1			g WIDE on the remote control	

- Auto Adjust
- <u>Reset</u>
- Phase
- Pitch
- <u>H Center</u>
- V Center
- Wide Mode

• Auto Adjus, Phase, and Pitch are not available for HDMI PC.

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တို့၍ Sound					
Available Sound setting	is depend on the Speakers	setting.			
 Sound Adjustm MTS 	ents	Click a link to the left	for more information.		

- Speakers
- <u>Audio Out</u>
- Key Tone

- Alternate Audio is available only for digital programs. If the program you are watching is also available in other languages from the audio tracks, and if that language is what you have selected in the Language setting, your TV will automatically switch to the matching language with the Alternate Audio feature. The Alternate Audio option may be accessed by pressing OPTIONS on the remote control when an alternate audio stream is available from the broadcaster.

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<u>TV Home Menu</u> > <u>TV Settings Descriptions</u> > Sound

Sound 🖌

Available Sound settings depend on the Speakers setting.

- Sound Adjustments
- <u>MTS</u>
- Speakers
- <u>Audio Out</u>
- <u>Key Tone</u>

Sound Adjustments Sound Dynamic Enhances treble and bass. Standard sound optimized for home use. Standard Mode Clear Voice Suitable for spoken dialog. Custom Custom Allows you to customize sound settings. Reset Resets the current settings to the default values. Treble Increases or decreases higher-pitched sounds. Bass Increases or decreases lower-pitched sounds. Balance Emphasizes left or right speaker balance. Surround S-FORCE Provides a virtual surround sound experience made Front Surround possible using just two front speakers. **Off** Select for normal stereo or mono reception.

Please see Scene Select for additional surround modes.

- Adjusts the clarity of human voices. For example, if the voice of a news Voice Zoom announcer is indistinct, you can turn up this setting to make the voice clearer. Conversely, if you are watching a sports program, you can turn down this setting to soften the voice of the commentator. Adjusts high frequencies to improve sound clarity for compressed content such Sound Enhancer as MP3 files. The **Sound Booster** provides a fuller sound with a greater sense of depth and Sound width, by emphasizing the high and low frequency sounds. Select High, Low or Booster Off for the amount of boost you desire. Selecting Off will bypass the emphasis. Only available when in Standard mode. Equalizer When under Custom, allows you to select your frequency response curve. Steady Select On to stabilize the volume across all programs and commercials. Select Sound Off to disable this feature. Volume Adjusts the volume level of the current input (TV or video input) relative to Offset other inputs.
- Sound Adjustments can also be accessed by pressing OPTIONS on the remote control.

Alternate Audio is available only for digital programs. If the program you are watching is also available in other languages from the audio tracks, and if that language is what you have selected in the Language setting, your TV will automatically switch to the matching language with the Alternate Audio feature. The Alternate Audio option may be accessed by pressing OPTIONS on the remote control when an alternate audio stream is available from the broadcaster.

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Available Sound settings d	epend on the Speakers s	etting.				
 Sound Adjustmen MTS Speakers Audio Out Key Tone 	<u>ts</u>	-	For stereo rece Automatically s received. If no	witches the TV to second a SAP signal is present, the	rogram broadcasted in stereo. audio programs when a SAP sig TV remains in Stereo mode. during weak stereo broadcasts.	
				for analog programs. ssed by pressing OPTION	S on the remote control.	

Alternate Audio is available only for digital programs. If the program you are watching is also available in other languages from the audio tracks, and if that language is what you have selected in the Language setting, your TV will automatically switch to the matching language with the Alternate Audio feature. The Alternate Audio option may be accessed by pressing OPTIONS on the remote control when an alternate audio stream is available from the broadcaster.

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 Sound Adjustmer MTS Speakers Audio Out Key Tone 	<u>nts</u>	Speakers T¥ Speakers Audio System		s for audio. to use an external audio system on you are disabling the TV spec	
		■ If you cannot l	hear sound, see Audio Out to a	adjust your variable or fixed set	tings.

Alternate Audio is available only for digital programs. If the program you are watching is also available in other languages from the audio tracks, and if that language is what you have selected in the Language setting, your TV will automatically switch to the matching language with the Alternate Audio feature. The Alternate Audio option may be accessed by pressing OPTIONS on the remote control when an alternate audio stream is available from the broadcaster.

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Sound 🖌					
Available Sound settings	depend on the Speakers	setting.			
 Sound Adjustme MTS 	ents	Audio Out <i>Easy</i> o	control of volume adjustment		
Speakers Audio Out		Fixed	Select to fix the audio output and adjust the volume with your audio system's remote control. (The TV's remote control's VOL and MUTING buttons have no effect on the Audio Out .) Select to control the volume of your TV's speakers or audio system with your TV's remote control.		
• <u>Key Tone</u>		¥ariable			

Alternate Audio is available only for digital programs. If the program you are watching is also available in other languages from the audio tracks, and if that language is what you have selected in the Language setting, your TV will automatically switch to the matching language with the Alternate Audio feature. The Alternate Audio option may be accessed by pressing OPTIONS on the remote control when an alternate audio stream is available from the broadcaster.

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၀ ၂) Sound					
Available Sound setting	gs depend on the Speakers	s setting.			
 Sound Adjustm MTS Speakers Audio Out 	nents) your remote control. When yo e is also muted. Select Off to d	•

<u>Key Tone</u>

feature.

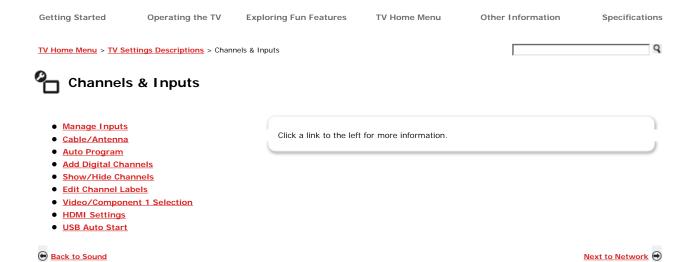
• Alternate Audio is available only for digital programs. If the program you are watching is also available in other languages from the audio tracks, and if that language is what you have selected in the Language setting, your TV will automatically switch to the matching language with the Alternate Audio feature. The Alternate Audio option may be accessed by pressing OPTIONS on the remote control when an alternate audio stream is available from the broadcaster.

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Getting Started Operating the TV **Exploring Fun Features** TV Home Menu Other Information Specifications Q TV Home Menu > TV Settings Descriptions > Channels & Inputs Channels & Inputs <u>Manage Inputs</u> Manage Inputs <u>Cable/Antenna</u> Follow the steps below to customize your input menu for easy recognition when the INPUT <u>Auto Program</u> button is pressed or when selecting an input from the $\mathbf{XMB}^{\,\mathrm{TM}}.$ Add Digital Channels • Show/Hide Channels 1) Press ♠/♣ to highlight your input selection. Edit Channel Labels 2) Press (+) to set Enable setting to either Always or Auto. The Always option will <u>Video/Component 1 Selection</u> display this input in the input menu at all times. With the Auto option, the input with HDMI Settings connected icon will only appear when external equipment is connected and/or an HDMI USB Auto Start signal is present. Some external equipment may not be detected automatically. 3) To assign your own label to the input, press 🕈 to highlight the label option, then press \star/\star to choose a name of the equipment that is connected to this input. • You can assign the following labels for each input (except PC IN and DMPORT): -, DVD, Cable Box, Satellite, BD, YCR, Receiver, DVR, Game, Camcorder, PC, and Edit:. * Choose Edit: to enter in your own label. "-" indicates that no labels are assigned.

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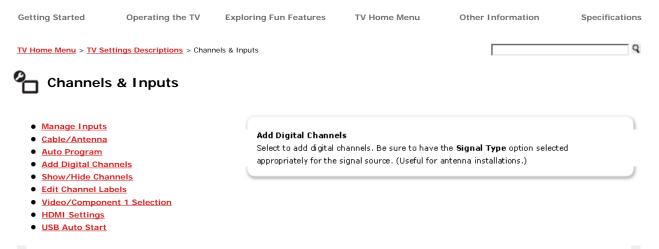
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0	s & Inputs	nels & Inputs			Q
 Manage Inputs Cable/Antenna Auto Program Add Digital Cha Show/Hide Cha Edit Channel La 	innels	Cable/Antenna Cable Antenna	For reœiving cable cha For reœiving signal via	nnels via cable TV provider. over-the-air antenna.	
Video/Compone HDMI Settings USB Auto Start	ent 1 Selection	■ You should run Au	to Program after changir	ng the C able/Antenna setting.	
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Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
0	ettings Descriptions > Chan s & Inputs	nels & Inputs			9
 Manage I nputs Cable/Antenna Auto Program Add Digital Cha Show/Hide Cha Edit Channel La Video/Compon HDMI Settings USB Auto Start 	annels annels abels ent 1 Selection	will be based on the S 1) Select Auto Prog 2) Select OK to start	Signal Type (Cable/Antr ram. Auto Program. When A er of channels found.	⁻ all receivable channels. Chanr enna) setting. uto Program is completed, th	ž
		-	- ogram again, previously	ites channel list for the curren scanned channels will be overw	
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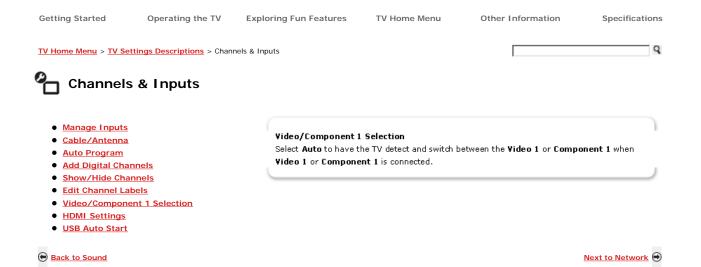
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Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
•	ttings Descriptions > Chan	nels & Inputs			Q
 Manage Inputs Cable/Antenna Auto Program Add Digital Chan Show/Hide Chan Edit Channel Lal Video/Compone HDMI Settings USB Auto Start 	nnels bels	channel list on the XM 1) Press ★/♥ to scr show or hide.	r hide channels when you 1B ™ . oll through the channels u	surf with the CH + / – button o until you highlight the channel show or hide more channels,	
		 Hidden channels of the remote control 		ng the channel number with 0 -	9 buttons on
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		 This feature is not a 	available when using the	TV Guide On Screen system.	
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Channel	s & Inputs				
 Manage Inputs Cable/Antenna 	-	HDMI Settings			1
<u>Auto Program</u>	<u>-</u>	•	-	nunicate with other Sony equipr	ment equipped
Add Digital Cha	annels	with Control for HDMI			
Show/Hide Ch	annels		,	communicate with other equip	ment that
Edit Channel La	abels		Control for HDMI fund		
Video/Compor	ent 1 Selection	Device Auto Select O	n to have your connected	d equipment with Control for H	IDMI function
HDMI Settings			,	he TV is turned off. Select Off (to disable this

- USB Auto Start

HDMI inputs	of this TV will recognize and communicate with other Sony equipment equipped
with Control	for HDMI function.
Control for	On/Off feature allows your TV to communicate with other equipment that
HDMI	supports Control for HDMI function.
Device Auto	o Select On to have your connected equipment with Control for HDMI function
Power Off	to power off automatically when the TV is turned off. Select Off to disable this
	function. This feature is available when Control for HDMI is On.
TV Auto	Select On to control your TV's power on from your connected equipment with
Power On	Control for HDMI function. Select Off to disable this function. This feature is

Device List Displays a list of equipment with Control for HDMI function connected to the TV.

• The CineMotion feature can be set separately for each input (except PC IN).

available when Control for HDMI is On.

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Manage Inputs Cable/Antenna Auto Program Add Digital Chai Show/Hide Chai Edit Channel Lai Video/Compone HDMI Settings	nnels bels	USB Auto Start Select to automatica Slideshow Thumbnail ¥iew Off	Select to view JPEG files	up to 60 thumbnails at a time.	J	
<u>USB Auto Start</u>		Press HOME on the remote control to exit this function.				
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Network					
<u>Network Setup</u> <u>Refresh Interne</u> <u>Show/Hide Mee</u>	et Content	Click a link to the lef	t for more information.		
<u>Media Server Tr</u> Back to Channels &				Next to C	Other Information

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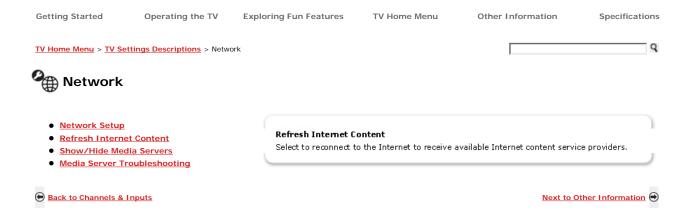
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<u>Network Setup</u> <u>Refresh Interne</u>		Network Setup		accessibility to you	ır network via an Ethernet cable	and
Show/Hide Med Media Server Tr	-	ork Setup o		current network settings. Select		
		Viewed	Select to v	iew current networl	< settings.	
		Network Statu	s			
		Wired Setup	Select to c	Select to configure the network settings. Use for most methods of setup.		
			Auto		natically configure your network	-
			Manual		an be configured with this optio Ily enter an IP address. If you w	
			Fianuar		ing, select No, if not, select Yes	
		Wireless Bridg	e Select to c		'k settings when connecting usir	
		Setup		-	ee Network Setup section.	

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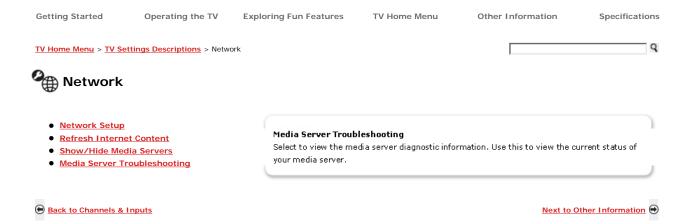
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Network					
<u>Network Setup</u> <u>Refresh Intern</u> <u>Show/Hide Me</u> <u>Media Server T</u>	et Content dia Servers	•	now or hide available DLNA Cer menu, press OPTIONS to dis Select to delete all connected Select to update the server li	l servers. st. information of the connected se	
		The items ab Media Serve		ressing OPTIONS while in the S	how/Hide

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Other Information

If you have questions, service needs, or require technical assistance related to the use of your Sony TV, please visit our website or call one of the following numbers.

Your TV is capable of receiving software updates. For the latest information about software updates for your TV, visit our website.

- <u>http://www.sony.com/tvsupport</u> for US Support
- http://www.sony.ca/support for Canadian Support
- 1-800-222-SONY(7669) for US Support
- 1-877-899-SONY(7669) for Canadian Support

Troubleshooting

- <u>No Picture</u>
- Poor Picture
- No Sound / Noisy Sound
- BRAVIA Sync
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• <u>No picture</u>			(
 <u>Cannot receive any</u> <u>TV is locked to one</u> 			Click a condition	to the left for an explanation/s	olution.
 <u>Cannot receive or s</u> <u>The TV turns off au</u> 					
<u>No picture from sor</u>	<u>me video sources</u>				
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• <u>No picture</u>					
<u>Cannot receive any</u>	channels		No Picture		
<u>TV is locked to one of</u>	<u>channel</u>				
<u>Cannot receive or se</u>	elect channels		 Check the Po 	wer Saving settings.	
<u>The TV turns off aut</u>	omatically				
No picture from som	ne video sources				
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Troubleshooti	ing - No Pictur	e					
 <u>No picture</u> <u>Cannot receive any</u> 			Cannot receive	any channels			
 <u>TV is locked to one channel</u> <u>Cannot receive or select channels</u> <u>The TV turns off automatically</u> 			• Make sure the power cord is connected securely.				
<u>No picture from son</u>	ne video sources		 Turn on the p 	ower of the TV.			
			 Check cable/a 	intenna connections.			
			 Make sure the signal source. 	• Signal Type setting is corred	: for your TV		

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TV is locked to one	<u>channel</u>				
<u>Cannot receive or s</u>	select channels		 Perform Auto 	• Program to add receivable ch	annels that are
The TV turns off au	utomatically		not present in	n the TV's memory.	
No picture from so	me video sources				
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Cannot receive any	<u>r channels</u>		Cannot receive	or select channels			
TV is locked to one	<u>channel</u>						
<u>Cannot receive or s</u>	select channels		 Perform Auto Program to add receivable channels that are 				
 <u>The TV turns off au</u> 	<u>itomatically</u>		not present in	the TV's memory.			
No picture from so	me video sources		 To receive or 	select cable channels, make su	re that Signal		
			Type in the C	Channel settings is set to Cable	ð.		
			 To receive or 	select UHF channels over an an	tenna, make sure		
			Signal Type	is set to Antenna .			
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• <u>No picture</u>					
• Cannot receive any	<u>channels</u>		The TV turns o	ff automatically	
• TV is locked to one	channel				
<u>Cannot receive or s</u>	select channels		 Check if <u>Slee</u> 	<u>p Timer</u> is activated.	
• The TV turns off au	itomatically				
No picture from some some some some some some some so	me video sources		Check PC Po	w <mark>er Management</mark> in Eco settir	ngs.

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Troubleshoot	ing - No Pictur	е			
• No picture					
• Cannot receive any	<u>y channels</u>		No picture from	n some video sources	
• TV is locked to one	<u>e channel</u>				
<u>Cannot receive or s</u>	select channels		 Check the cor 	nection between the optional v	video equipment
• The TV turns off au	utomatically		and the TV.		
No picture from so	me video sources				
			 Press INPUT 	on the remote control.	
			Press HOME	on the remote control. Select y	our desired input
			found under t	he External Inputs icon.	
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Troubleshoot	ing - Poor pictu	ıre					
Picture quality not	as good as viewed at th	e store					
Broadcast HD forma	ats have poor quality		Click a condition to the left for an explanation/solution.				
Double images or g	<u>hosts</u>						
Only snow and nois	e appear on the screen						
Dotted lines or strip	pes						
No color / Dark pict	ture / Color is not corre	ct / The picture is too bright					
Noisy picture							
Blurry picture / Poo	or color						

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Broadcast HD form	nats have poor quality		Picture quality	not as good as viewed at th	e store
Double images or	g <u>hosts</u>				
Only snow and noi	se appear on the screen		 Picture qualit; 	y depends on the signal content	t. See the
Dotted lines or str	i <u>pes</u>		Supported S	ignal Formats Chart to displa	y the best
No color / Dark pie	cture / Color is not corre	<u>ct / The picture is too bright</u>	possible pictu	re for that signal.	
Noisy picture				-	
Blurry picture / Pc	or color				

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Getting Started	Operating the TV	Exploring Fun Features	TV Home Menu	Other Information	Specifications
Other Information > Tr	oubleshooting - Poor Picture				٩
Troubleshoot	ing - Poor pictu	ire			
Picture quality not	as good as viewed at the	store			
Broadcast HD form	ats have poor quality		Broadcast HD	formats have poor quality	
Double images or g	<u>ihosts</u>				
Only snow and nois	se appear on the screen		 Content and : 	signal quality are regulated by t	he signal
Dotted lines or strip	<u>pes</u>		provider. Mar	ny HD channels and content are	actually upscaled
No color / Dark pic	ture / Color is not correc	t / The picture is too bright	versions of st	andard-definition broadcasts. T	he picture is
<u>Noisy picture</u>			affected by th	ne quality of the signal received	, which varies
Blurry picture / Po	or color		between char	nnel and program.	

Next to Troubleshooting - No Sound/Noisy Sound 🕥

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Troubleshoo	ting - Poor pictu	re			
Picture quality not	t as good as viewed at the	store			
Broadcast HD form	nats have poor quality		Double images	or ghosts	
Double images or	<u>ghosts</u>				
Only snow and not	ise appear on the screen		Check cable/a	antenna connections.	
Dotted lines or str	ipes_				
No color / Dark pi	cture / Color is not correct	t / The picture is too bright	 Check the an 	tenna location and direction.	
Noisy picture					
Blurry picture / Po	oor color		 Set the Motion 	onflow to Standard or Off.	

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Troubleshooti	ng - Poor pictu	ıre			
Picture quality not a	as good as viewed at the	e store			
Broadcast HD forma	its have poor quality		Only snow and	I noise appear on the screen	
Double images or gl	<u>nosts</u>				
Only snow and noise	e appear on the screen		 Check if the a 	antenna is broken or bent.	
Dotted lines or strip	es				
No color / Dark pict	ure / Color is not corre	ct / The picture is too bright	 Check if the a 	antenna has reached the end of i	ts serviceable
Noisy picture			life, (3-5 yea	rs in normal use, 1-2 years at th	e seaside.)
Blurry picture / Poo	r color				

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Troubleshoot	ing - Poor pictu	ıre			
Picture quality not	as good as viewed at the	e store			
Broadcast HD forma	ats have poor quality		Dotted lines or	r stripes	
Double images or g	hosts				
Only snow and nois	e appear on the screen		 Keep the TV a 	away from noise sources such a	s cars,
Dotted lines or strip	pes		motorcycles,	or hair-dryers.	
No color / Dark pict	ture / Color is not corre	ct / The picture is too bright	 If using 300 (ohm twin lead, move the excess	; lead away from
Noisy picture			the TV or try	using 75 ohm coaxial cable inst	ead.
Blurry picture / Poo	or color				

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Troubleshoot	ing - Poor pictu	ure			
Picture quality not	as good as viewed at the	e store			
Broadcast HD forma	ats have poor quality		No color / Darl	k picture / Color is not corre	ect / The picture
Double images or g	hosts		is too bright		
Only snow and nois	e appear on the screen				
Dotted lines or strip	pes		Press OPTION	NS then select Picture Adjust	ments to make
No color / Dark pict	ture / Color is not corre	ct / The picture is too bright	adjustments.		
 Noisy picture 					
Blurry picture / Poo	or color		 Adjust the Pie 	ture Mode options in the Pict	ure
			Adjustments	s settings.	
			 If you set the enhance the b 	Power Saving mode to Low object level.	or High , it will

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Troubleshoot	ting - Poor pictu	ure					
<u>Picture quality not</u>	t as good as viewed at th	e store					
Broadcast HD formats have poor quality			Noisy picture	Noisy picture			
Double images or	ghosts						
Only snow and noise appear on the screen			 Make sure that the antenna is connected using a 75-ohm coaxial cable. 				
Dotted lines or stripes							
No color / Dark pie	cture / Color is not corre	ct / The picture is too bright					
<u>Noisy picture</u>			 Keep the antenna cable away from other connecting cords. 				
Blurry picture / Pc	oor color						
			 To avoid TV in 	nterference, make sure to use a	an undamaged		
			antenna cable	e.			
Back to Troublesho	oting No Disture			ext to Troubleshooting - No So			
Back to Troublesho	Joung - No Picture		<u>IN</u>	ext to mousleshooting - No So			

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Other Information > Tr	oubleshooting - Poor Picture				٩		
Troubleshoot	ing - Poor pictu	ure					
Picture quality not	as good as viewed at th	<u>e store</u>					
 Broadcast HD formats have poor quality 			Blurry picture	Blurry picture / Poor color			
Double images or g	<u>ihosts</u>						
Only snow and nois	se appear on the screen		 Transporting 	the TV from a cold to a warm lo	cation or a		
Dotted lines or strip	<u>pes</u>		sudden chang	ge in room temperature may ca	use moisture		
• No color / Dark pic	ture / Color is not corre	ct / The picture is too bright	condensation	, resulting in a blurry picture or	poor color. Turn		
Noisy picture			off your TV a	nd wait a few hours before pow	ering on again.		
Blurry picture / Poe	or color						

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Troubleshoot	ing - No Sound					
 <u>No sound / Good picture</u> <u>Audio noise</u> <u>No Audio or Low Audio with Home Theater System</u> 			Click a condition to the left for an explanation/solution.			
Back to Troublesho	oting - Poor Picture			Next to Troubleshootir	ng - BRAVIA Sync 🗨	

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Other Information > Tr	roubleshooting - No Sound				Q		
Troubleshoot	ing - No Sound	I					
 <u>No sound / Good p</u> <u>Audio noise</u> No Audio or Low Audio	<u>icture</u> udio with Home Theater	System	No sound / Goo	od picture	J		
			 Check the volu 	ume level.			
			 Press MUTIN screen. 	G or ¥OL + so that "Muting" d	sappears from the		
			 Set Speakers to TV Speakers in the Sound settings. If it is set to Audio System, sound is not output from the TV's speakers regardless of the TV's volume control. 				
			 When using HDMI input with Super Audio CD or DVD-Audio, DIGITAL AUDIO OUT (Optical) may not provide an audio signal. 				
			 When tuned to a digital channel with Alternate Audio, the broadcaster may not be broadcasting your preferred Alternate Audio language. Press OPTIONS, highlight and select Alternate Audio, and change the Alternate Audio language. 				

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Troubleshoot	ing - No Sound				
 <u>No sound / Good p</u> <u>Audio noise</u> No Audio or Low Audio 	<u>icture</u> udio with Home Theater	System	Audio noise		J
			 Make sure that the antenna is connected using a 75-ohm coaxial cable. 		
			• Keep the antenna cable away from other connecting cords.		
			 To avoid TV ir antenna cable 	nterference, make sure to use a e.	n undamaged

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Other Information > Tr	roubleshooting - No Sound				٩		
Troubleshoot	ing - No Sound						
• No sound / Good p	icture						
<u>Audio noise</u>			No Audio or Low Audio with Home Theater System				
• No Audio or Low Audio with Home Theater System							
				Press THEATER for BRAVIA Sync activated Theater System.			
			• Set Speakers to Audio System in the Sound settings.				
			• Set Audio Out to Fixed in the Sound settings.				

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Other Information > Trout	bleshooting - BRAVIA Sync				٩
Troubleshootir	ng - BRAVIA S	ync			
 <u>Cannot find connecte</u> <u>Cannot control secon</u> 		<u>device</u>	Click a condition	to the left for an explanation/s	olution.

Back to Troubleshooting - No Sound/Noisy Sound

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Troubleshoot	ting - BRAVIA S	Sync				
	not find connected BRAVIA Sync HDMI_device not control second AV receiver		Cannot find co	connected BRAVIA Sync HDMI device		
				at the Control for HDMI is set nal device compatible with BRA		

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Troubleshoot	ting - BRAVIA S	ync				
<u>Cannot find connec</u>	cted BRAVIA Sync HDMI	<u>device</u>				
<u>Cannot control second AV receiver</u>		Cannot control second A¥ receiver				
			•	receiver may be used with the IDMI functions at one time.	BRAVIA Sync and	
				and ADVANCE buttons on the quipment with Control for HD		

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Troubleshootir	ng - DLNA				
icons, but is inaccess	onnected" appears on er is listed under the F ible		Click a condition	to the left for an explanation/s	olution.

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Troubleshootin	ig - DLNA				
 DLNA Certified™ equin When "Network disco DLNA Certified™ served 	nnected" appears on		DLNA Certified	™ equipment is not connect	ing to the server
icons, but is inaccessible Sometimes the video streaming quality is poor when using the Linksys wireless bridge			N cable/connection to your serv network is properly configured	,	

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Q

Other Information > Troubleshooting - DLNA

Troubleshooting - DLNA

- DLNA Certified[™] equiment is not connecting to the server
- When "Network disconnected" appears on your TV screen
- DLNA Certified™ server is listed under the Photo/Music/Video Category icons, but is inaccessible
- Sometimes the video streaming quality is poor when using the Linksys wireless bridge

When "Network disconnected" appears on your TV screen

- Check the current network settings. From the Network icon located on the XMB ", select Network Setup, then the View Network Status option. If all of your network settings are 0.0.0.0, your server may not be connected properly. Check your network connections and/or server's instruction manual for connection information.
- Reconfigure your network settings.
- If the LAN cable is connected to an active server and the TV has acquired an IP Address, check your DLNA Certified media server's connections and configurations.
- Your IP Address configuration can be viewed by selecting the **View Network Status** option.

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Other Information > Tro	ubleshooting - DLNA				٩
Troubleshooti	ng - DLNA				
When "Network disc				™ server is listed under the ∤ideo Category icons, but is	inaccessible
Sometimes the vide wireless bridge	<u>o streaming quality is p</u>	oor when using the Linksys		nave lost connection with the se innection or your server connec	

 To check if your media server is properly communicating with the TV run the diagnostic check. Under Settings, select Network, then Media Server Troubleshooting and select Yes. Once the diagnostic check is complete, media server results will appear.

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Troubleshooti	ng - DLNA						
● <u>DLNA Certified™ eq</u> u	uiment is not connecting	g to the server					
When "Network disc	connected" appears on	your TV screen	Sometimes the video streaming quality is poor when using				
● DLNA Certified [™] ser	ver is listed under the l	Photo/Music/Video Category	the Linksys wireless bridge				
icons, but is inacces	<u>sible</u>						
• Sometimes the video	<u>o streaming quality is p</u>	oor when using the Linksys	 The wireless r 	network connection quality vari	es depending on		
wireless bridge			the distance b	between the bridge and the rout	ter, environment		
			interference a	and quality of the wireless route	rs.		
			It is suggeste	d to use wireless routers suppo	rting 5GHz		

Back to Troubleshooting - BRAVIA Sync

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operations for video streaming and place the router doser to

the bridge adapter.

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 Other Information > Troubleshooting - PC Input
 Image: Click a condition to the left for an explanation/solution.
 Image: Click a condition to the left for an explanation/solution.
 Image: Click a condition to the left for an explanation/solution.

 Image: Back to Troubleshooting - DLNA
 Image: Click a condition to the left for an explanation/solution.
 Image: Click a condition to the left for an explanation/solution.

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Troubleshoot	ing - PC Input				
No picture / No sig Poor Picture	<u>gnal</u>		No picture / No	o signal)
				C is correctly connected to the n HD15 cable) or with the HDM	
			 Ensure the oullisted <u>here</u>. 	itput signal from the PC is one	of the formats
			Plug-and-play	ff. Confirm the PC connection a r will auto-detect the TV and co sure that the Power Saving m	rrectly set up PC
			Verify PC Poul	ver Management is activated.	,
			• Verify the PC	is not in standby or hibernatior	i mode.
Back to Troublesho	oting - DLNA		Ν	lext to Troubleshooting - BRAV	IA Internet Video 🕥

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Troubleshoot	ing - PC Input				
 <u>No picture / No sig</u> <u>Poor Picture</u> 	inal		Poor Picture		
			• Adjust the res	olution.	
			• Adjust Pitch	and Phase.	

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Troubleshootin	ng - BRAVIA II	nternet Video			
Video quality			Click a condition to	the left for an explanation/sol	ution
Poor Picture					
Small Picture Cortain programs disp	nlav a loss of dotail, os	pecially during fast-motion or			
dark scenes	play a loss of detail, es				
No sound/Poo	or sound				
<u>Good picture, no sour</u>	<u>nd</u>				
General					

I do not see many videos in the Internet Video Guide

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Troubleshoot	ting - BRAVIA I	nternet Video			
Video quality	у		Poor Picture		J
Poor Picture					
 <u>Small Picture</u> 			 The quality of 	f the video displayed on your TV	/ depends on the
	display a loss of detail, e	specially during fast-motion o	4,	video provided by the video co	
dark scenes				connected bandwidth. Sony reco	
No sound/Po	oor sound		broadband In content (10 M	5 Mbps to view	
Good picture, no s	ound				
General					

I do not see many videos in the Internet Video Guide

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Troubleshoot	ing - BRAVIA I	nternet Video			
Video quality	1		Small Picture)
Poor Picture			Sindir Frecure		
Small Picture			● Dress ♠/➡ to	zoom in and out.	
<u>Certain programs d</u> <u>dark scenes</u>	lisplay a loss of detail, e	specially during fast-motion o			
No sound/Pc	or sound				
Good picture, no so	bund				
General					
I do not see many	videos in the Internet Vi	deo Guide			
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Troubleshoot	ting - BRAVIA I	nternet Video			
Video quality	y		Cortain progra	ms display a loss of detail, e	specially during
Poor Picture			fast-motion or	• •	specially during
Small Picture Certain programs dark scenes	display a loss of detail, e	specially during fast-motion o	,	and picture size varies and is d leed and delivery by content pr	
No sound/Po	oor sound				
Good picture, no s	ound				

General

I do not see many videos in the Internet Video Guide

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Troubleshoot	ing - BRAVIA I	nternet Video			
Video quality	1		Good picture, r	no sound	Ĵ
Poor Picture Small Picture Certain programs c dark scenes	lisplay a loss of detail, e	specially during fast-motion c		nds on content provided by the v ell as your connected bandwidtl	
No sound/Po	oor sound		 Due to the na sound. 	ture of Internet video, not all vi	ideos will contain
Good picture, no so	bund				
General					
I do not see many	videos in the Internet Vi	<u>deo Guide</u>			
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Video quality			I do not see ma	any videos in the Internet Vi	deo Guide
 <u>Poor Picture</u> <u>Small Picture</u> <u>Certain programs dis</u> <u>dark scenes</u> 	play a loss of detail, es	pecially during fast-motion o		FIONS button and select Catego	ories to view
No sound/Poo	or sound			rental Lock ratings on the TV; be blocked based on the rating.	some Internets
<u>Good picture, no sour</u>	nd				
General					
I do not see many via	deos in the Internet Vi	<u>deo Guide</u>			
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Other Information > Tr	0				٩		
Troubleshoot	ing - General						
Wide Mode changes	s automatically						
Suddenly the picture	re gets smaller		Click a condition	Click a condition to the left for an explanation/solution.			
• <u>"Black box" on scre</u>	een						
Black bands appear	r at the edges of the scr	een					
<u>Certain programs o</u>	on DVD or other digital s	ources display a loss of detail,					
especially during fa	ast-motion or dark scene	25					
Remote control doe	es not operate						
Some digital cable	channels are not being of	displayed					
• Some photo, music	, or video files are not d	isplaying from my USB equipm	<u>nent</u>				
or DLNA Certified n	nedia server						
Photo images appe	ar small in the screen						
Photo images or fo	Iders take time to displa	Г Х					
Lost password							

- How to reset the TV to factory settings
- TV screen feels warm

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Troubleshoot	ing - General				
Wide Mode change	s automatically				
Suddenly the picture	re gets smaller		Wide Mode cha	anges automatically	
<u>"Black box" on screen</u>	een				
Black bands appear	r at the edges of the scre	een aan aan aan aan aan aan aan aan aan	 The current W 	Vide Mode setting is automatic	ally replaced with
<u>Certain programs c</u>	on DVD or other digital se	ources display a loss of detail,	the 4:3 Defa	ult setting when you change th	e channel or video
especially during fa	ast-motion or dark scene	<u>es</u>	input, if 4:3 D	Default in the Screen settings	is set to anything
Remote control doe	es not operate		other than Of	ff. If you want to lock in Wide !	1ode selected
Some digital cable	channels are not being o	lisplayed	with WIDE or	n the remote control, set 4:3 D	efault to Off in
Some photo, music	, or video files are not d	isplaying from my USB equipme	ent the Screen se	ettings.	
or DLNA Certified n	nedia server				
Photo images appe	ar small in the screen		 Check the Au 	to Wide option in the Screen :	settings.
Photo images or fo	Iders take time to displa	У			
Lost password					
How to reset the T	V to factory settings				
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Troubleshoot	ing - General				
 Wide Mode changes Suddenly the picture 			Fuddoolutho o	icture gets smaller	
"Black box" on scre			Suddenly the p	iccure gets smaller	
 Black bands appear Certain programs o especially during fa Remote control doe 	<u>at the edges of the scr</u> n DVD or other digital s ist-motion or dark scene	ources display a loss of detail, 2 <u>8</u>	method in wh HD content ch	ets smaller during the commerci ich the provider broadcasts thei nannels switch to SD content (co e small with a black border.	r content. When
or DLNA Certified m Photo images appendix 	<u>nedia server</u> ar small in the screen Iders take time to displa / to factory settings	isplaying from my USB equipmer	changes since channel signa Mode if you p	ill not expand the picture during e the content information is regu I provider. You can manually ch prefer. This setting will remain in pannel or input or manually char	lated by the ange the Wide n effect until you

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 Wide Mode change Suddenly the pictu 			Black box on s		1
 <u>"Black box" on screen</u> 			BIACK DUX UII S	creen	
 <u>"Black box" on screen</u> <u>Black bands appear at the edges of the screen</u> <u>Certain programs on DVD or other digital sources display a loss of detail, especially during fast-motion or dark scenes</u> <u>Remote control does not operate</u> <u>Some digital cable channels are not being displayed</u> 		turn off this fo were trying to Text1-4 .	ected a text option and no text i eature, set the CC Display opti o select closed captioning, selec	on to Off . If you	
or DLNA Certified r Photo images appe 		splaying from my USB equipme Y	<u>nt</u>		

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- Photo images or folders take time to display
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- Programs broadcasted in HD formats (720p and 1080i) with 4:3 content will commonly have black bands on the left and right sides of the screen which are added by the broadcaster.
- Auto Wide will not expand the picture when the black bands on the sides of the screen are added by the broadcaster. You can manually change the Wide Mode to Wide Zoom, H-Stretch or Zoom to fill the screen, which will remain in affect until you change the channel or input or manually change the Wide Mode again.

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Wide Mode change	es automatically				
• Suddenly the pictu	ire gets smaller		Certain progra	ms on D¥D or other digital s	ources display a
<u>"Black box" on scr</u>	een		loss of detail, e	especially during fast-motion	n or dark scenes
Black bands appea	ir at the edges of the scr	een			
<u>Certain programs of</u>	on DVD or other digital s	ources display a loss of detail,	• To determine	if the problem is with the remo	te control or not,
especially during f	ast-motion or dark scene	<u>es</u>	press a butto	n on the TV.	
<u>Remote control do</u>	es not operate		 Check the pol 	arity of the batteries or replace	the batteries.
• Some digital cable	channels are not being	lisplayed	 Point the rem 	ote control at the remote contr	ol sensor located
• Some photo, music	c, or video files are not d	isplaying from my USB equipme	nt at the front o	fthe TV.	
or DLNA Certified r	media server		 Keep the rem 	ote control sensor area clear fr	om obstacles.
Photo images appe	ear small in the screen		 Fluoresœnt la 	amps can interfere with your re	mote control
Photo images or for	olders take time to displa	У		turning off the fluorescent lam	
Lost password					

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Suddenly the pictu	re gets smaller		Remote contro	l does not operate	
<u>"Black box" on screet</u>	<u>een</u>				
Black bands appea	r at the edges of the scre	een	 This is due to 	the digital compression of the :	source content
<u>Certain programs of</u>	on DVD or other digital s	ources display a loss of detail,	used by certa	in digital broadcasts and DVDs	which may cause
especially during fa	ast-motion or dark scene	<u>es</u>	your TV's scre	een to display less detail than u	sual, or cause
<u>Remote control doe</u>	es not operate		artifacts (sma	all blocks or dots, pixelations) to	appear on your
Some digital cable	channels are not being of	<u>displayed</u>	screen. These	signal compressions are more	visible and are
• Some photo, music	, or video files are not d	isplaying from my USB equipme	nt dependent or	the clarity and resolution of th	e TV.
or DLNA Certified r	nedia server				
Photo images appe	ar small in the screen				

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Suddenly the pictu	re gets smaller		Some digital c	able channels are not being	displayed
• <u>"Black box" on scr</u>	<u>een</u>				
Black bands appea	r at the edges of the scr	een	 Certain cable 	companies have limitations on	the broadcast of
<u>Certain programs of</u>	on DVD or other digital s	ources display a loss of detail,	digital cable o	hannels. Check with your cable	company for
especially during fa	ast-motion or dark scene	<u>es</u>	more informa	tion.	
Remote control do	es not operate		 The digital ca 	ble channel may be set to Hidd	len in the
Some digital cable	channels are not being	displayed	Show/Hide	Channels setting.	
Some photo, music	<u>, or video files are not d</u>	isplaying from my USB equipme	nt		
or DLNA Certified r	nedia server				
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Photo images or for the second sec	Iders take time to displa	עו			
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Suddenly the picture	re gets smaller		Some photo, m	nusic, or video files are not d	isplaying from
<u>"Black box" on screen </u>	een		my USB equipr	ment or DLNA Certified media	a server
Black bands appear	r at the edges of the scre	een .			
Certain programs of the second sec	n DVD or other digital se	ources display a loss of detail,	 The accessible 	e file or folder limit in a director	γ is 1,000 for USB
especially during fa	ast-motion or dark scene	<u>25</u>	and 30,000 fo	or a DLNA Certified media serve	r. This limit
Remote control doe	es not operate		indudes non-	supported files or just folders. F	iles or folders are
Some digital cable	channels are not being o	lisplayed	populated bas	sed on their time stamps. Photo	, music files or
Some photo, music	, or video files are not d	isplaying from my USB equipm	ent folders excee	ding the limit will not be display	ed.
or DLNA Certified n	nedia server				
Photo images appe	ar small in the screen				

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Suddenly the picture	re gets smaller		Photo images	appear small in the screen	
<u>"Black box" on scr</u>	<u>een</u>				
Black bands appea	r at the edges of the scr	<u>een</u>	Set Display	Size to Expanded.	
<u>Certain programs</u>	on DVD or other digital s	ources display a loss of detail,	 Whether or n 	not photo images can or cannot l	be displayed in
especially during f	ast-motion or dark scen	<u>es</u>	full-screen de	epends on the resolution or asp	ect ratio of the file.
Remote control do	es not operate				
Some digital cable	channels are not being	displayed			
Some photo, music	c, or video files are not d	lisplaying from my USB equipme	<u>nt</u>		
or DLNA Certified I	media server				

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Troubleshoot	ing - General							
<u>Wide Mode change</u>	s automatically							
• Suddenly the pictu	re gets smaller		Photo images (Photo images or folders take time to display				
• <u>"Black box" on scr</u>	<u>een</u>							
Black bands appea	r at the edges of the scre	een	 Depending or 	n the image dimension, file size,	and number of			
<u>Certain programs of</u>	on DVD or other digital s	ources display a loss of detail,	files in a folde	er, some photo images or folder	s take time to			
especially during fa	ast-motion or dark scene	<u>es</u>	display.					
Remote control do	es not operate		 The first time 	a camera is connected to the T	V via USB cable,			
• Some digital cable	channels are not being of	displayed	it may take u	p to a couple of minutes for the	photos to			
• Some photo, music	c, or video files are not d	isplaying from my USB equipme	ent display.					
or DLNA Certified r	media server							
Photo images appe	ear small in the screen							
Photo images or for	olders take time to displa	Т						

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Suddenly the pictu	re gets smaller		Lost password		
<u>"Black box" on screen </u>	<u>een</u>				
Black bands appea	r at the edges of the scr	een	 Select the Pa 	assword settings on the Parent	t al Lock settings,
Certain programs of the second sec	on DVD or other digital s	ources display a loss of detail,	then enter th	e following master password: 4	357. This
especially during fa	ast-motion or dark scene	25	password clea	ars your previous password and	allows you to
<u>Remote control doe</u>	es not operate		enter a new p	bassword. In order to reset the	password, the
Some digital cable	channels are not being of	displayed	power off/on	is required.	
Some photo, music	, or video files are not d	<u>isplaying from my USB equipme</u>	ent		
or DLNA Certified r	nedia server				
Photo images appe	ar small in the screen				
Photo images or fo	Iders take time to displa	X ا			
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Wide Mode changes	s automatically				
Suddenly the pictur	re gets smaller		How to reset t	he TV to factory settings	-
• <u>"Black box" on scre</u>	<u>een</u>				
Black bands appear	r at the edges of the scre	een .	 Turn on the T 	V. While holding down 🛧 on th	e remote control,
<u>Certain programs o</u>	on DVD or other digital se	ources display a loss of detail,	press POWE	R on the TV. (The TV will turn it	self off, then back
especially during fa	ast-motion or dark scene	<u>es</u>	on again.) Re	lease 🛧.	
<u>Remote control doe</u>	es not operate		WARNING: T	ne reset will diear all of your cus	tomized settings
Some digital cable	channels are not being o	lisplayed	induding the	Parental Lock setting.	
• Some photo, music	, or video files are not d	isplaying from my USB equipme	ent		
or DLNA Certified n	nedia server				
Photo images appe	ar small in the screen				
Photo images or fol	Iders take time to displa	У			
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Suddenly the picture	re gets smaller		TV screen feels	s w arm	-
<u>"Black box" on scr</u>	<u>een</u>				
Black bands appea	r at the edges of the scre	een aan aan aan aan aan aan aan aan aan	 Due to the th 	in profile of this television, the l	neat generated by
<u>Certain programs of</u>	on DVD or other digital se	ources display a loss of detail,	the LCD pane	I backlight and supporting elect	ronics will be
especially during f	ast-motion or dark scene	<u>es</u>	more noticeal	ole. This is normal operation an	d not a cause for
Remote control do	es not operate		concern.		
Some digital cable	channels are not being o	lisplayed			
Some photo, music	c, or video files are not d	isplaying from my USB equipmer	<u>nt</u>		
or DLNA Certified r	nedia server				
Photo images appe	ear small in the screen				
Photo images or for the second sec	olders take time to displa	Ϋ́			

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CAUTION

To prevent electric shock and blade exposure, do not use this polarized AC plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted

Operate the TV only on 120-240 V AC. Avoid operating the TV at temperatures below 41°F (5°C)

Declaration of Conformity

Trade Name: SONY Model: KDL-40W5100/KDL-46W5100/KDL-52W5100/KDL-46W5150/KDL-52W5150 Responsible Party: Sony Electronics Inc. Address: 16530 Via Esprillo, San Diego, CA 92127 U.S.A. Telephone Number: 858-942-2230 This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For customers in Canada

This Class B digital apparatus complies with Canadian ICES-003.

FCC Related Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

Pursuant to FCC regulations, you are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Note

This television includes a QAM demodulator which should allow you to receive unscrambled digital cable television programming via subscription service to a cable service provider. Availability of digital cable television programming in your area depends on the type of programming and signal provided by your cable service provider.

For Customers in the United States

The lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

To Customers

Sufficient expertise is required for TV installations. Be sure to subcontract the installation to a Sony dealer or licensed contractor and pay adequate attention to safety during the installation.

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Your BRAVIA TV is ENERGY STAR® qualified in the "Home" mode.

It meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of these government agencies, designed to promote energy efficient products and practices.

Changes to certain features, settings, and functionalities of this TV (i.e. TV Guide, Picture/Sound, Light Sensor, Power Savings) can increase or change the power consumption.

Depending upon such changed settings, the power consumption may exceed the limits required for the ENERGY STAR qualification in the "Home" mode.

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0-9 buttons

Α

AUDIO OUT jack, described Auto Program

В

Background TV BRAVIA INTERNET VIDEO button BRAVIA INTERNET WIDGETS button BRAVIA Sync buttons

С

CABLE/ANTENNA input, described CC button CH +/- button COMPONENT IN (1080p/1080i/ 720p/480p/480i)

D

DIGITAL AUDIO OUT (OPTICAL) DISPLAY button <u>DLNA</u> DMex/SERVICE

Ε

ENT button

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F		Р
<u>Favorites</u>		
FAVORITES button		PC IN
•		PIC OFF/TIMER LED
G		POWER button POWER/STANDBY LED
GUIDE button		
		R
н		RETURN button
HD SIGNAL		
HDMI IN 1/2/3/4 L-AUDIO-R	2	S
HOME button		S VIDEO jack
I		SCENE button
Infrared Receiver (IR)		<u>Speakers</u>
INPUT button		т
		Troublesheeting
J		Troubleshooting
JUMP button		U
L		USB
L		
LAN		V
Light Sensor		VIDEO/AUDIO(L/R) jacks, described
М		VOL +/- button
MUTING button		W
0		WIDE button
OPTIONS button		

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Model	KDL-40W5100	KDL-46W5100/KDL-46W5150	KDL-52W5100/KDL-52W5150			
System	1					
elevision system	NTSC: American TV standard ATSC (8VSB terrestrial): ATSC compliant 8VSB QAM on cable: ANSI/SCTE 07 2000 (Does not include CableCARD functionality)					
Channel coverage	Analog terrestrial: 2 - 69 / Digital terrestrial: 2 - 69					
	Analog Cable: 1 - 135 / Digital Cable: 1 - 135					
Panel system	LCD (Liquid Crystal Display) Panel					
Speaker output	10 W + 10 W					
nput/Output jacks						
CABLE/ANTENNA	75-ohm external terminal for RF inputs S VIDEO (4-pin mini DIN) (VIDEO 2 only): Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative /					
/IDEO IN 1/2	C: 0.286 Vp-p (Burst signal), 75 oh	ims	sync negative /			
	VIDEO: 1 Vp-p, 75 ohms unbalanced, sync negative					
	AUDIO: 500 mVrms (Typical) / Imp					
COMPONENT IN 1/2	YPBPR (Component Video): Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative / PB: 0.7 Vp-p, 75 ohms / PR: 0.7 Vp-p, 75 ohms / Signal format: 480i, 480p, 720p, 1080i, 1080p					
	AUDIO: 500 mVrms (Typical) / Imp					
HDMI IN 1/2/3/4	HDMI: Video: 480i, 480p, 720p, 10					
		CM 32, 44.1 and 48 kHz, 16, 20 and 24 bits	, Dolby Digital			
		ms (Typical) / Impedance: 47 kilohms				
AUDIO OUT	500 mVrms (typical)					
DIGITAL AUDIO OUT (OPTICAL)	PCM/Dolby Digital optical signal					
PC IN	D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive					
	See the PC Input Signal Reference Chart in the online Reference Book.					
PC AUDIO INPUT	Stereo mini jack, 500 mVrms, (Typical) / Impedance: 47 kilohms					
JSB	MPEG2, MP3, and JPEG.					
DLNA	MPEG2, LPCM, MP3, and JPEG.					
Power and others						
Power requirement	120-240 V AC, 50/60 Hz					
Power consumption	205 W	240 W	300 W			
n use	205 W	240 W	300 W			
Power consumption n DAM*	All models less than 20 W (You may	y hear a clicking noise during the download	but this is normal.)			
Power consumption	All models less than 0.1 W with 120	V AC and with 240 V AC less than 0.3 W				
n standby						
Screen size	10					
inches measured diagonally)	40	46	52			
Display resolution		1,920 dots (horizontal) × 1,080 lines (ver	tical)			
peaker/Full range (2) (mm)		45 × 200				
vith speaker box (inches)		1 3/4 × 7 7/8				
weeter (2) (mm)		16				
(inches)		5/8				
Dimensions with stand (mm)	958 × 649 × 303	1,091 × 725 × 330	1,240 × 821 × 358			
(inches)	37 3/4 × 25 5/8 × 12	43 × 28 5/8 × 13	48 7/8 × 32 3/8 × 14 1/8			
Dimensions without stand (mm)	958 × 596 × 86	1,091 × 672 × 86	1,240 × 767 × 86			
(inches)	37 3/4 × 23 1/2 × 3 1/2	43 × 26 1/2 × 3 1/2	48 7/8 × 30 1/4 × 3 1/2			
Dimensions wall-mount hole pattern		300 200	5			
mm)		300 × 300				
Dimensions wall-mount screw size mm)	M6					
Mass with stand (kg)/(lb.)	19.1 or 42.1	23.8 or 52.5	29.9 or 65.9			
Aass without stand (kg)/(lb.)	16.4 or 36.2	20.5 or 45.2	25.9 or 57.1			
Supplied accessories	Remote control RM-YD027 (1) / Size AA batteries (2) / AC power cord (1) / Cable clamper (1 attached to the Table-Top Stand) / Operating Instructions (1) / Quick Setup Guide (1) / Warranty Card (1) / Safety and Regulatory Booklet (1) / Attaching the Table-Top Stand (1) / Screws (4)					
Optional accessories		t / Wall-Mount Bracket/ Speaker Bar				

*Download Acquisition Mode (DAM) is used for software updates and/or collecting data for TV Guide On Screen.

- Optional accessories availability depends on its stock.
- Design and specifications are subject to change without notice.

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