



PROJECTOR

# LSD400HD-ST

## Key Features

- 3rd generation laser phosphor technology with a lifespan up to 30,000 hours
- 0.5 short throw for large images even in limited spaces
- 4,000 ANSI Lumens and 1080p resolution for clear images in any environment
- High native contrast ratio powered by a 0.65" DMD chip and DLP technology
- Installation flexibility: H/V keystone, 4 corner adjustment, and 360° projection



## Product Description

The LSD400HD-ST is part of ViewSonic's Luminous Superior Series, a lamp-free projector lineup designed for commercial and educational environments. Powered by 3rd-generation laser phosphor technology, it provides 4,000 ANSI Lumens of brightness and an impressive lifespan of up to 30,000 hours. Its lamp-free design ensures eco-friendliness and cost-efficiency by reducing up to 59% power consumption than competing lamp projectors. With a 0.5 short throw, it delivers a 100" image from just 1.1 meters, ideal for immersive visuals in space-constrained environments. Delivering ultra-large projections up to 300" in sharp 1080p Full HD resolution, this projector leverages high native contrast from a 0.65" DMD chip with DLP technology. Equipped with H/V keystone & 4 corner correction, and 360° projection, the LSD400HD-ST supports flexible installation options, making it an excellent choice for golf simulation setups, exhibitions, and retail applications.

1. Front IR  
2. Lens  
3. HDMI 2.0 / HDCP 2.2 x2  
4. RJ45  
5. RS232  
6. USB-A (5V/1.5A, Service)  
7. Audio Out

8. DC In  
9. Focus Ring  
10. Power Button  
11. Keypad  
12. Top IR

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**SPECIFICATION**

|                                               |                                                   |
|-----------------------------------------------|---------------------------------------------------|
| Projection System:                            | 0.65"1080P                                        |
| Native Resolution:                            | 1920x1080                                         |
| Brightness:                                   | 4000 (ANSI Lumens)                                |
| Brightness (Center Lumens):                   | 4800                                              |
| Contrast Ratio:                               | 3000000:1                                         |
| Display Color:                                | 1.07 Billion Colors                               |
| Light Source Type:                            | Laser Phosphor                                    |
| Light Source Life (hours) with Normal Mode:   | 20000                                             |
| Light Source Life (hours) with SuperEco Mode: | 30000 (Eco)                                       |
| Lens:                                         | F=2.8, f=7.51mm                                   |
| Projection Offset:                            | 132%+/-10%                                        |
| Throw Ratio:                                  | 0.5                                               |
| Optical Zoom:                                 | Fixed                                             |
| Digital Zoom:                                 | 0.8x-2.0x                                         |
| Image Size:                                   | 40"-300"                                          |
| Throw Distance:                               | 0.44-3.29m<br>□(100"@1.10m)                       |
| Keystone:                                     | H: +/-15° , V: +/-15°                             |
| Audible Noise (Normal):                       | 32dB                                              |
| Audible Noise (Eco):                          | 27dB                                              |
| Input Lag:                                    | 16.7ms                                            |
| Resolution Support:                           | VGA(640 x 480) to 4K UHD(3840 x 2160)             |
| HDTV Compatibility:                           | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p |
| Horizontal Frequency:                         | 15K-135KHz                                        |
| Vertical Scan Rate:                           | 24-120Hz                                          |

**INPUT**

|       |                           |
|-------|---------------------------|
| HDMI: | 2<br>(HDMI 2.0, HDCP 2.2) |
|-------|---------------------------|

**OUTPUT**

|                     |             |
|---------------------|-------------|
| Audio-out (3.5mm):  | 1           |
| Speaker:            | 15W         |
| USB Type A (Power): | 1 (5V/1.5A) |

**CONTROL**

|                        |                                |
|------------------------|--------------------------------|
| RS232 (DB 9-pin male): | 1                              |
| RJ45 (LAN control):    | 1                              |
| USB Type A (Services): | 1<br>(share with USB A Output) |

**OTHERS**

|                                          |                                                                                                                                                                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Supply Voltage:                    | Power adaptor:<br>Input: 100~240V<br>Output: 19.5VDC / 9.23A                                                                                                                                                                        |
| Power Consumption:                       | Normal: 143W<br>Standby: <0.5W                                                                                                                                                                                                      |
| Operating Temperature:                   | 0~40°C                                                                                                                                                                                                                              |
| Carton:                                  | Brown                                                                                                                                                                                                                               |
| Net Weight:                              | 3.1kg (6.83 lbs)                                                                                                                                                                                                                    |
| Gross Weight:                            | 4.6kg (10.14 lbs)                                                                                                                                                                                                                   |
| Dimensions (WxDxH) with Adjustment Foot: | 286x216x129mm (11.3x8.5x5.1 in)                                                                                                                                                                                                     |
| Packing Dimensions:                      | 400x280x155mm (15.7x11x6.1 in)                                                                                                                                                                                                      |
| OSD Language:                            | English, French, Spanish, Thai, Korean, German, Italian, Russian, Swedish, Dutch, Polish, Czech, T-Chinese, S-Chinese, Japanese, Turkish, Portuguese, Finnish, Indonesian, Arabic, Vietnamese, Hungarian, Norsk, total 23 languages |
| User Guide Language:                     | English, S-Chinese, T-Chinese, Indonesian, Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Arabic, Czech, Thai, Vietnamese, total 20 languages                          |

**STANDARD ACCESSORY**

|                 |               |
|-----------------|---------------|
| Power Cord:     | 1             |
| Remote Control: | 1             |
| QSG:            | Yes           |
| Lens Cover:     | Yes           |
| Warranty Card:  | Yes (CN Only) |

**OPTIONAL ACCESSORY**

|                     |             |
|---------------------|-------------|
| Wall/Ceiling Mount: | PJ-WMK-305  |
| Carry Bag:          | PJ-CASE-008 |

