

# ADX3 DIGITAL WIRELESS SHOWLINK®-ENABLED PLUG-ON TRANSMITTER

## SPECIFICATIONS

(SUBJECT TO CHANGE)

<b>Mic Offset Range</b>	-12 to 21 dB (in 1 dB steps)
<b>Battery Type</b>	Shure SB900-series rechargeable li-ion or LR6 AA batteries 1.5 V
<b>Battery Runtime @ 10 mW</b>	Shure SB900B: >6 hours Alkaline: >5 hours
<b>Dimensions</b>	5.0 × 1.8 × 1.8 in. (126 × 44.5 × 44.5 mm)
<b>Weight</b>	240 g (8.0 oz), without batteries 263 g (9.2 oz), with AA Batteries 280 g (9.8 oz), with SB900B
<b>Housing</b>	Cast metal
<b>Operating Temperature Range</b>	-14 to 122 °F (-10 to 50 °C) <i>Note: battery characteristics may limit this range</i>
<b>Storage Temperature Range</b>	-40 to 165 °F (-40 to 74 °C) <i>Note: battery characteristics may limit this range</i>

## AUDIO INPUT

<b>Connector</b>	3-pin female XLR
<b>Configuration</b>	balanced
<b>Impedance</b>	Pad (-12 dB): 26.64 kΩ 0 dB: 6.64 kΩ Boost (12 dB): 6.64 kΩ
<b>Maximum input Level 1 kHz at 1% THD</b>	Pad (-12 dB): 21 dBV 0 dB: 9 dBV Boost (12 dB): -3 dBV
<b>Preamplifier Equivalent Input Noise System Gain Setting 1+20</b>	-115 dBV <i>A-weighted, typical</i>
<b>Phantom Power</b>	+48 V (7 mA maximum) +12 V (15 mA maximum)
<b>High Pass Filter</b>	Two-pole (12 dB per octave), cutoff frequency selectable from 40 to 240 Hz in 20 Hz increments

## RF OUTPUT

<b>Antenna Type</b>	Dipole
<b>Impedance</b>	50 Ω
<b>Occupied Bandwidth</b>	<200 kHz
<b>Channel-to-Channel Spacing</b>	Standard Mode: 350 kHz High Density Mode: 125 kHz
<b>Modulation Type</b>	Shure Axient Digital Proprietary
<b>Power</b>	2 mW, 10 mW, 35 mW <i>Varies by region. See Frequency Range and Output Power Table.</i>
<b>Specific Absorption Rate (SAR)</b>	<0.1 W/kg

## SHOWLINK®

<b>Network Type</b>	IEEE 802.15.4
<b>Antenna Type</b>	Dipole
<b>Frequency Range</b>	2.4000 to 2.4835 GHz (16 Channels)
<b>RF output Power</b>	10 dBm (ERP) <i>Varies by region</i>

## AVAILABLE MODELS

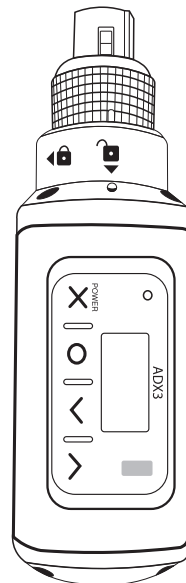
<b>ADX3</b>	Axient Digital Wireless Showlink®-Enabled Plug-On Transmitter
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## OVERVIEW

Shure Axient Digital ADX series transmitters deliver impeccable audio quality and RF performance and are equipped with ShowLink remote control for realtime parameter adjustments and interference avoidance. The Shure ADX3 plug-on transmitter transforms any microphone into an advanced, portable Axient Digital ADX Series wireless microphone with wide-tuning, High Density (HD) mode, encryption, and advanced rechargeability. ADX3 features a patented locking mechanism for secure, wobble-free connection and supports both conventional AA and Shure SB900-series rechargeable batteries. The ADX3 is housed in a lightweight, rugged, metal chassis and is designed to resist sweat, moisture, and debris.

## FEATURES

- Axient Digital ADX Series wireless plug-on transmitter
- ShowLink enabled for comprehensive, real-time control of all Axient Digital transmitter parameters from the mix position
- Patented locking mechanism for secure, wobble-free connection
- OLED display with easy-to-navigate menu and controls
- Rugged metal construction that is resistant to dust and moisture
- Automatic input staging optimizes gain setting
- AES 256-bit encryption-enabled for secure transmission
- 300 feet (100 meter) line-of-sight operating range
- Selectable modulation modes optimize performance for spectral efficiency
  - Standard – Optimal coverage, low latency
  - High density – Dramatic increase in max system channel count
- Switchable power levels (2/10/35 mW, region dependent)
- Shure SB900B rechargeable battery (included) or AA battery (sold separately) options
- Shure SB900B lithium-ion rechargeable battery option provides up to 6.5 hours of continuous use (depending on configuration and use), precision metering, and zero memory effect
- External power and charging option over USB-C port
- Included: 2 × SB900B batteries, USB-A to USB-C cable, belt clip/pouch, and zippered bag for storage



**ADX3**  
Showlink®-Enabled Plug-On  
Wireless Transmitter

## AVAILABLE FREQUENCY BANDS

Band	Frequency (MHz)	Power (mW) Delivered to Antenna Port
<b>G53</b>	470 to 510	2/10/35
<b>G54</b>	479 to 565	2/10/20
<b>G55</b>	470 to 636*	2/10/35
<b>G56</b>	470 to 636	2/10/35
<b>G57</b>	470 to 616*	2/10/35
<b>G62</b>	510 to 530	2/10/35
<b>G63</b>	487 to 636	2/10
<b>H54</b>	520 to 636	2/10/35
<b>K54</b>	606 to 663**	2/10/35
<b>K55</b>	606 to 694	2/10/35
<b>K56</b>	606 to 714	2/10/35
<b>K57</b>	606 to 790	2/10/35
<b>K58</b>	622 to 698	2/10/35
<b>P55</b>	694 to 806***	2/10/35
<b>R52</b>	794 to 806	2/10
<b>JB</b>	806 to 810	2/10
<b>X55</b>	941 to 960	2/10/35
<b>X56</b>	960 to 1000	2/10/35

Note: Not all frequencies available in all regions. Contact your authorized Shure dealer for availability.  
\* with a gap between 608 to 614 MHz  
\*\* with a gap between 608 to 614 MHz and a gap between 616 to 653 MHz  
\*\*\* with a gap between 703 to 748 MHz and a gap between 758 to 803 MHz