

ADX5D DUAL-CHANNEL PORTABLE DIGITAL WIRELESS SLOT RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

UHF	
RF Carrier Frequency Range	470–1000 MHz <i>Varies by region (See Frequency Table)</i>
Working Range	SD Mode: 246 ft (75 m) HD Mode: 131 ft (40 m) <i>Note: Actual range depends on RF signal absorption, reflection and interference.</i>
RF Sensitivity	-90 dBm @ 10 ⁻⁶ BER
Spurious Rejection	>80 dB <i>typical</i>
Connector Type	SMA (Shell=Ground, Center=Signal)
Impedance	50 Ω

AUDIO OUTPUT

Gain Adjustment Range	-18 to +42 dB, in 1 dB steps <i>(plus Mute setting)</i>
Impedance	66 Ω <i>Typical, TA3 Out</i>
Full Scale Output	+9 dBV, 200 kΩ load
Phantom Power Protection	Yes <i>3.5 mm output does not have Phantom Power Protection</i>
Audio Frequency Response	20 Hz to 20 kHz <i>Dependent on Microphone Type</i>
Dynamic Range	129 dB
Total Harmonic Distortion	0.0006% at -6 dBFS, 1 kHz
System Audio Polarity	Positive pressure on diaphragm produces positive voltage on Audio + with respect to Audio -.
Analog Output Latency	SD Mode: 2.08 ms HD Mode: 2.96 ms

USB INPUT

Connector Type	USB-C
USB Protocol	USB 2.0
USB Role	Peripheral (upstream-facing port)
USB Power Delivery	None

POWER

DC Power Requirements	6 to 18 VDC
Thermal Power Dissipation	Max: 4.8 W (78 BTU/hr) Nominal: 4.2 W (51 BTU/hr) Min: 2.3 W (X BTU/hr)

MECHANICAL

Dimensions (H × W × D)	1.1 × 3.4 × 4.25 in (29 × 88 × 108 mm)
Weight	0.53 lbs (0.24 kg) <i>without antennas or backplate</i>
Housing	Machined Aluminum

SHOWLINK®

Frequency Range	2.40 to 2.4835 GHz (16 Channels)
Working Range	100 ft (30 m) <i>Note: Actual range depends on RF signal absorption, reflection and interference.</i>
Connector Type	SMA (Shell=Ground, Center=Signal)
Impedance	50 Ω
ShowLink® Antenna Power	2.5 dBm EIRP
Antenna Type	1 Omni 2.4 GHz
Network Type	IEEE 801.15.4

OVERVIEW

The Axient® Digital ADX5D dual-channel wireless receiver delivers superior RF performance, spectral efficiency, and transparent audio quality in a portable, slot-in form. As an Axient Digital ADX Series wireless receiver, the ADX5D features ShowLink® Direct Mode that allows remote control of Axient Digital transmitters without the need of external equipment.* Robust RF. Impeccable audio. Axient Digital quality and performance. All in a portable, slot-in design.

FEATURES

- Dual-channel slot-in form wireless receiver
- Wide tuning range up to 184 MHz (region dependent)
- High spectral efficiency due to advanced digital modulation scheme offers more wireless channels in available RF space
- High Density (HD) mode provides even higher spectral efficiency (application dependent)
- True digital diversity reception per channel for drop-out resistance and excellent range
- Impeccable audio quality
- Networked control with Wireless Workbench® software and ShurePlus™ Channels iOS app
- 5-segment Channel Quality meters displays per-channel RF link quality
- ADX series receiver with ShowLink Direct Mode allows remote control of Axient Digital transmitters without the need of external equipment*
- Aux 3.5mm audio output provide connection to headphones or to a balanced line level input
- Three backplate connector options to suit various applications and connector types** (sold separately)
- Accessory Mount with cold shoe adapter (sold separately)
- Removable antennas with standard SMA connectors
- High-resolution OLED display
- USB-C port for firmware upgrades
- Streamline user interface
- Low latency, down to 2 milliseconds

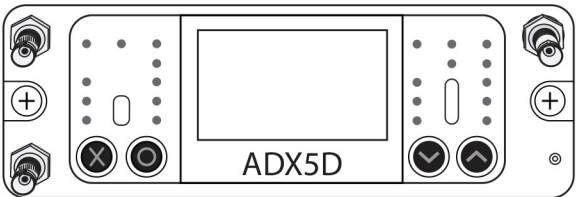
**ShowLink functionality is not available when integrated with third party control devices in United States models.*

***Interference avoidance functionality is limited to MANUAL mode when using DB15 or DB25 backplates with United States models.*

AVAILABLE FREQUENCY BANDS

Band	Frequency (MHz)
G53	470 to 510
G54	479 to 565
G55†	470 to 636*
G56	470 to 636*
G57 (G57+)	470 to 616* (614 to 616***)
G62	510 to 530
G63	487 to 636
H54	520 to 636
K53	606 to 698
K54	606 to 663**
K55	606 to 694
K56	606 to 714
K57	606 to 790
K58	622 to 698
L54	794 to 806
L60	630 to 698
P55	694 to 703, 748 to 758, 803 to 806
R52	794 to 806
JB	806 to 810
X51	920 to 937.5
X55	941 to 960
X56	960 to 1000

Note: Not all frequencies available in all regions. Contact your authorized Shure dealer for availability.
†Operation mode varies according to region. In Brazil, High Density mode is used. The maximum power level for Peru is 10 mW.
** with a gap between 608 to 614 MHz*
*** with a gap between 608 to 614 MHz and a gap between 616 to 653 MHz*
****Selecting the G57+ band extends the G57 band with 2 Mhz of additional spectrum between 614 to 616 MHz. Maximum transmitter power is limited to 10 mW between 614 and 616 MHz*



ADX5D
Dual-Channel Portable Digital Wireless
Slot Receiver

