

SLX-D QUAD DIGITAL WIRELESS RECEIVERS

SYSTEM SPECIFICATIONS (SUBJECT TO CHANGE)

RF

RF Carrier Frequency Range	470-937.5 MHz <i>Varies by Region. See Frequency Range and Output Power Table.</i>
Working Range	100 m (328 ft) <i>Note: Actual range depends on RF signal absorption, reflection and interference.</i>
RF Tuning Step Size	JB Band: 125 kHz All Other Bands: 25 kHz <i>Varies by region.</i>
Image Rejection	>85 dB <i>typical</i>
RF Sensitivity	-97 dBm at 10 ⁻⁶ BER

AUDIO

Latency	3.2 ms
Audio Frequency Response	20 Hz-20 kHz (+1, -2 dB)
Audio Dynamic Range <i>A-weighted, 20 Hz-20 kHz, typical</i>	118 dB <i>@1% THD</i>
Total Harmonic Distortion	<0.02%
System Audio Polarity	XLR: Positive pressure on microphone diaphragm produces positive voltage on pin 2 with respect to pin 3 of XLR output. TRS: Positive pressure on microphone diaphragm produces positive voltage on the tip of the 6.35 mm (1/4-inch) with respect to the ring of the 6.35 mm output.

TEMPERATURE RANGE Note: Battery characteristics may limit this range.

Operating Temperature Range	0 °F to 122 °F (-18 °C to 50 °C)
Storage Temperature Range	-20 °F to 165 °F (-29 °C to 74 °C)

NOTE: This Radio equipment is intended for use in musical professional entertainment and similar applications. This Radio apparatus may be capable of operating on some frequencies not authorized in your region. Please contact your national authority to obtain information on authorized frequencies and RF power levels for wireless microphone products.

FREQUENCY RANGE

Band	Range (MHz)	Transmitter Output (mW)
G54	479 to 565	1/10
G57	470 to 608	1/10/30**
G60	470 to 510	1/10/30**
G64	470 to 616	1/10/30**
G65	470 to 606	1/10/30**
G66	487 to 606	1/10
H58	520 to 608	1/10/30**
JB	806 to 810	1/10
K55	606 to 694	1/10/30**
K60	614 to 703	1/10
L60	630 to 698	1/10/30**
M55	694 to 703; 748 to 758	1/10/30**
S50	823 to 832; 863 to 865	1/10
X51	925 to 937.5	1/10

*Note: Not all frequencies available in all regions. Contact your authorized Shure dealer for availability.

FREQUENCIES FOR EUROPEAN COUNTRIES

	Range (MHz)	Country Code
SLXD-G60	470 to 510	A, B, BG, CH, CY, CZ, D, EST, F, GB, GR, H, I, IS, L, LT, NL, P,
SLXD-G65	470 to 606	PL, S, SK, SLO, DK, FIN, M, N, HR, E, IRL, LV, RO, TR
SLXD-K55	606 to 694	
SLXD-S50	823 to 832; 863 to 865	

*Note: This equipment may be capable of operating on some frequencies not authorized in your region.

SLXD4Q+ QUAD-CHANNEL DIGITAL WIRELESS RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Dimensions (H × W × D)	1.65 x 15.47 x 5.98 in. (42 x 393 x 152 mm)
Weight	1750 g <i>without antennas</i>
Housing	Galvanized Steel
Power Requirements	15 V @ 0.9

RF INPUT

Spurious Rejection	>75 dB <i>Typical</i>
Connector Type	BNC
Impedance	50 Ω
Bias Voltage	15 V DC, 150 mA maximum, per antenna <i>switchable on-off</i>

AUDIO OUTPUT

Audio Frequency Response	20 Hz- 20 kHz (+1, -2 dB)
Gain Adjustment Range	-18 to +42 dB in 1 dB steps
Configuration	1/4" (6.35 mm): Balanced (Tip=audio +, Ring=audio -, Sleeve=ground) XLR: Balanced (1=ground, 2=audio +, 3=audio -)
Impedance	1/4" (6.35 mm): 1.1 kΩ (550 Ω Unbalanced) XLR (line): 500 Ω (250 Ω Unbalanced) XLR (mic): 150 Ω
Full Scale Output	1/4" (6.35 mm): +12 dBV Unbalanced (+18 dBV Balanced) XLR (LINE setting): +18 dBV XLR (MIC setting): -12 dBV
Mic/Line Switch	30 dB pad
Phantom Power Protection	1/4" (6.35 mm): Yes XLR: Yes

CASCADE OUTPUT

Connector Type	BNC Note: For connection of one additional receiver in the same band
Configuration	Unbalanced
Impedance	50 Ω
Insertion Gain	0-2 dB, typical

NETWORKING

Network Interface	20 Hz- 20 kHz (+1, -2 dB)
Network Addressing Capability	DHCP or Manual IP address
Maximum Cable Length	100 m (328 ft)

OVERVIEW

SLX-D® Digital Wireless delivers transparent, 24-bit digital audio and rock solid RF performance with streamlined network-ready setup and rechargeability options in a suite of versatile wireless system configurations. Featuring industry-leading digital wireless technology and design in a convenient full-rack quad configuration, the SLXD4Q+ efficiently saves space and accessories, and easily scales to match channel requirements.

FEATURES

- Four channels in one rack space
- Wide 138 MHz tuning range
- 32 available channels per frequency band (region dependent)
- Transparent 24-bit digital audio
- Extended 20 Hz to 20 kHz frequency range (microphone dependent)
- 118 dB dynamic range
- Audio Summing matches receiver output to available mixer channels (4,3,2 or 1)
- RF Cascade creates an 8-channel system by linking two SLXD4Q+, no other accessories required
- Bias Voltage power supply management
- Digital predictive switching diversity
- Easy pairing of transmitters and receivers over IR scan and sync
- 4 XLR and 4 1/4" outputs and 2 local ethernet connections
- Compatible with Shure Wireless Workbench® control software
- Rugged metal construction

SLXD4QDAN+ QUAD-CHANNEL DIGITAL WIRELESS RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Dimensions (H × W × D)	1.65 x 15.47 x 5.98 in. (42 x 393 x 152 mm)
Weight	1750 g <i>without antennas</i>
Housing	Galvanized Steel
Power Requirements	15 VDC @ 1.03 A

RF INPUT

Spurious Rejection	>75 dB <i>Typical</i>
Connector Type	BNC
Impedance	50 Ω
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FEATURES

- Four channels in one rack space
- Dante Audio Networking, carried on single Ethernet cable
- Wide 138 MHz tuning range
- 32 available channels per frequency band (region dependent)
- Transparent 24-bit digital audio
- Extended 20 Hz to 20 kHz frequency range (microphone dependent)
- 118 dB dynamic range
- Audio Summing matches receiver output to available mixer channels (4,3,2 or 1)
- RF Cascade creates an 8-channel system by linking two SLXD4Q+, no other accessories required
- Bias Voltage power supply management
- Digital predictive switching diversity
- Easy pairing of transmitters and receivers over IR scan and sync
- 4 XLR and 4 1/4" outputs and 2 local ethernet connections
- Compatible with Shure Wireless Workbench® control software
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