SLX-D+
DIGITAL WIRELESS SYSTEMS



Building upon the widely adopted SLX-D platform of transparent, 24-bit digital audio and rock-solid RF performance, SLX-D+ is engineered to add an expanded 138 MHz wide tuning range (region-dependent), plus patented digital feedback reduction DSP and encryption. SLX-D+ wireless systems maintain stable signals from an expanded frequency range of 138MHz – offering compatible channels up to 11 per 6 MHz and 14 per 8 MHz TV bands*.

REMOTE CONTROL AND MONITORING

SLX-D+ features ShowLink® Ease, a dedicated control link between receivers and transmitters that enables remote management and powerful automated features.

WIRELESS EXCELLENCE. WHEREVER REQUIRED.

Offering a wide selection of rack-ready and portable system configurations and microphone options, SLX-D+ Wireless Systems are ready for every stage, theater, or house of worship event.

*Performance may vary depending on country regulations and operating environment.

APPLICATIONS

Event, Presentation and Speech

House of Worship

Performance and Clubs

Videography and Location Sound

Electronic News Gathering (ENG) and Broadcast

PRODUCT HIGHLIGHTS

24-bit digital audio with >118 dB dynamic range

>118 dB dynamic range and 2.8ms latency

138 MHz wide-tuning range for greater geographical coverage

Up to 11 compatible systems per 6MHz TV band; 14 systems per 8 MHz band

ShowLink® Ease for remote control and management of transmitter wireless parameters from the mix position and elsewhere

Patented Shure Digital Feedback Reducer software embedded in every SLX-D+ receiver

AES-256 Encryption included, for complete and secure peace of mind

Portable receiver & plug-on transmitter options

Single, Dual, and Quad rack receiver options; bodypack and handheld transmitter options

Remote control via WWB mobile app for SLXD4+, SLXD4D+, SLXD4Q+, SLXD4QDAN+, and SLXD5+

Up to 8 hours from 2 AA batteries or optional Shure SB903 rechargeable battery

SLX-D+ DIGITAL WIRELESS SYSTEMS

SYSTEM SPECIFICATIONS (SUBJECT TO CHANGE)

RF

RF Carrier Frequency Range	470–937.5 MHz *Varies by Region. See Frequency Range and Output Power Table.*
Working Range	100 m (328 ft) *Note: Actual range depends on RF signal absorption, reflection and interference.*
RF Tuning Step Size	JB Band: 125 kHz All Other Bands: 25 kHz *Varies by region.*
Image Rejection	>85 dB *typical*
RF Sensitivity	–97 dBm at 10^{-5} BER

AUDIO

Latency	2.8 ms
High-Pass/Low Cut Filter	160 Hz, –12 dB/octave *Note: factory default is for the HPF to be off*
Audio Frequency Response	20 Hz–20 kHz (+1, –2 dB)
Audio Dynamic Range ***A-weighted, 20 Hz–20 kHz, typical***	118 dB *@1% THD*
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: Postive 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.
Mic Offset Range	0 to 21 dB (in 3 dB steps)

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 606	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

*30 mW only found on SLXD3 in select bands

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

AVAILABLE CONFIGURATIONS

SLXD14+	Wireless System with SLXD1+ Bodypack Transmitter and WA305 Instrument Cable	**SLXD24+/58**	Wireless System with SM58® Handheld Transmitter
SLXD14+/85M	Wireless System with SLXD1+ Bodypack Transmitter and WL185m (Black) Lavalier Mic	**SLXD24+/B58**	Wireless System with Beta® 58A Handheld Transmitter
SLXD14+/93	Wireless System with SLXD1+ Bodypack Transmitter and WL93 (Black) Miniature Lavalier Mic	**SLXD24+/B87A**	Wireless System with Beta® 87A Handheld Transmitter
SLXD14+/153	Wireless System with SLXD1+ Bodypack Transmitter and MX153 (Black) Earset Headworn Mic	**SLXD24+/N8**	Wireless System with Nexadyne™ 8/C Handheld Transmitter
SLXD14+/SM35	Wireless System with SLXD1+ Bodypack Transmitter and SM35 Performance Headset Mic	**SLXD24D+/58**	Dual Wireless System with 2 SLXD2+/SM58 Handheld Transmitters
SLXD15+	Portable Wireless System with SLXD1+ Bodypack Transmitter (No Lavalier)	**SLXD24D+/B58**	Dual Wireless System with 2 SLXD2+/B58 Handheld Transmitters
SLXD15+/85M	Portable Wireless System with SLXD1+ Bodypack Transmitter and WL185m Lavalier Microphone	**SLXD24D+/N8**	Dual Wireless System with 2 Nexadyne™ 8/C Handheld Transmitters
SLXD35+	Portable Wireless System with SLXD3+ Plug-On Transmitter	**SLXD14D+**	Dual Wireless System with 2 SLXD1+ Bodypack Transmitters
SLXD25+/58	Portable Wireless System with SM58 Handheld Transmitter	**SLXD124+/85M**	SM58 Handheld and WL185m Lavalier Combo Wireless System

Not all systems are available in all regions. Contact your Authorized Shure Dealer for availability in your region.

OPTIONAL ACCESSORIES SEE SHURE.COM FOR MORE

SB903	Shure Lithium Ion Rechargeable Battery	**UA844+SWB**	Antenna/Power Distribution System 470-960 MHz	**UA221**	UHF Passive Antenna Splitter
SBC203	Dual Docking Charger	**UABIAST**	Inline Power Supply	**UA600**	Front Mount Antenna Kit
SBC10-903	Single Battery Charger	**UA834**	Inline Antenna Amplifier	**UA505**	Remote Antenna Bracket with BNC Bulkhead Adapter
SBC80-903	Eight-Bay Battery Charger	**UA874**	Active Directional Antennas	**HA-8089**	Helical Antenna
SBC-DC-903	DC Battery Eliminator for SLXD5	**PA805SWB**	Directional Wideband Antenna, 470-952 MHz	**WA301**	Water-Resistant Silicone Protective Sleeve for SLXD5
UA8	Half-Wave Omnidirectional Receiver Antennas	**PA805X**	Directional Wideband Antenna, 650-1100 MHz	**WA311**	Non-Conductive Cold Shoe Mount Adapter for SLXD5
UA845UWB	Ultra Wideband Antenna/Power Distribution System, 174-1804 MHz			**UA860**	Passive Omnidirectional Antenna, 470-1100 MHz

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SLXD4+ DIGITAL WIRELESS RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Dimensions (H × W × D)	1.65 × 7.76 × 5.98 in (42 × 197 × 152 mm)
Weight	2 lbs (900 g) *without antennas*
Housing	Galvanized Steel
Power Requirements	15 VDC @ 360 mA *Supplied by external power supply (tip positive)*

RF INPUT

Spurious Rejection	>75 dB *Typical*
Connector Type	BNC
Impedance	50 Ω

AUDIO OUTPUT

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): +18 dBV differentially (+12 dBV single) 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

NETWORKING

Network Interface	Single Port Ethernet 10/100 Mbps
Network Addressing Capability	DHCP or Manual IP address
Maximum Cable Length	100 m (328 ft)

OVERVIEW

SLXD4+ single channel half-rack receiver unlocks a new world of hands-free oversight and management for seasoned volunteers and pro engineers alike, that delivers wireless excellence, wherever required. Wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device.

FEATURES

- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust transmitter gain
  - > Automatically find and deploy new frequency to both receiver and transmitter upon interference
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
  - > Link 2nd transmitter to a receiver channel
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- Patented Shure Digital Feedback Reducer software is embedded in every SLX-D+ receiver, to automatically reduce unwanted audio feedback, should it ever occur.
- Each SLX-D+ component and system ships with AES-256 Encryption installed, for complete and secure peace of mind
- Up to 8 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories
- Single channel half-rack design with rugged metal construction



SLXD4+
Front Panel



SLXD4+
Back Panel

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SLXD4D+ DUAL-CHANNEL DIGITAL WIRELESS RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Dimensions (H × W × D)	1.65 × 7.76 × 5.98 in (42 × 197 × 152 mm)
Weight	2.1 lbs (930 g) *without antennas*
Housing	Galvanized Steel
Power Requirements	15 VDC @ 360 mA *Supplied by external power supply (tip positive)*

RF INPUT

Spurious Rejection	>75 dB *Typical*
Connector Type	BNC
Impedance	50 Ω

AUDIO OUTPUT

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): +18 dBV differentially (+12 dBV single) 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

NETWORKING

Network Interface	Single Port Ethernet 10/100 Mbps
Network Addressing Capability	DHCP or Manual IP address
Maximum Cable Length	100 m (328 ft)

OVERVIEW

SLXD4D+ dual channel half-rack receiver unlocks a new world of hands-free oversight and management for seasoned volunteers and pro engineers alike, that delivers wireless excellence, wherever required. Wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device...

FEATURES

- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust transmitter gain
  - > Automatically find and deploy new frequency to both receiver and transmitter upon interference
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
  - > Link 2nd transmitter to a receiver channel
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- Patented Shure Digital Feedback Reducer software is embedded in every SLX-D+ receiver, to automatically reduce unwanted audio feedback, should it ever occur.
- Each SLX-D+ component and system ships with AES-256 Encryption installed, for complete and secure peace of mind
- Audio Summing: allows the dual and quad receivers to function as a 2 or 4 channel mixer
- Up to 8 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories
- Dual channel half-rack design with rugged metal construction



SLXD4D+
Front Panel



SLXD4D+
Back Panel

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SLXD5+ SINGLE-CHANNEL PORTABLE DIGITAL WIRELESS RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Dimensions (H × W × D)	4.21 × 2.68 × 1.0 in (107 × 68 × 25.3 mm)
Weight	1.8 lb (182 g)
Housing	Aluminum
Power Requirements	Battery: Rechargeable Li-Ion or 1.5 V AA batteries Power Supply: SBC-DC-903 Battery Eliminator, or 5 VDC via USB-C

RF INPUT

Spurious Rejection	>75 dB *Typical*
Impedance	50 Ω
Phantom Power Protection	Yes
Antenna Type	1/4 Wave Whip

AUDIO OUTPUT

Audio Frequency Response	20 Hz – 20 kHz (+1, -3 dB)
Connector Type	1/8" (3.5 mm), ×2
Configuration	Balanced (Mono): Tip=audio +, Ring=audio –, Sleeve=ground Dual Mono: Tip = left, Ring = Right, Sleeve = Ground
Impedance (Camera)	Balanced (Mono) Line: 450 Ω Balanced (Mono) Mic: 240 Ω Dual Mono Line: 400 Ω Dual Mono Mic: 200 Ω
Full Scale Output	Camera (Balanced Line): 15 dBV Headphone: 13 mW @ 64 Ω Load

OVERVIEW

The SLXD5+ single channel portable wireless receiver is at home on top of your camera or in an audio bag providing efficient long-range UHF transmission and easy-to-use setup features to deliver wireless excellence, wherever required. Wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device.

FEATURES

- Single channel, portable digital wireless receiver for on-camera cold shoe mounting and audio bag use
- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Dual 1/8" outputs including a headphone monitor out and switchable line/mic output
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust transmitter gain
  - > Automatically find and deploy new frequency to both receiver and transmitter upon interference
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
- Use Multi-Mic Mode to scan and sync over IR multiple clean frequencies, and monitor multiple sources from a single receiver with user-configurable front-panel controls
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- Patented Shure Digital Feedback Reducer software is embedded in every SLX-D+ receiver, to automatically reduce unwanted audio feedback, should it ever occur.
- Each SLX-D+ component and system ships with AES-256 Encryption installed, for complete and secure peace of mind
- Up to 5.5 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories



SLXD5+
Single-Channel Portable
Digital Wireless Receiver

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SLXD1+ DIGITAL WIRELESS BODYPACK TRANSMITTER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Battery Type	Rechargeable Li-Ion or 1.5 V AA batteries
Dimensions (H × W × D)	3.86 × 2.68 × 1.0 in (98 × 68 × 25.5 mm)
Weight	3.1 oz (89 g)
Housing	PC/ABS

AUDIO INPUT

Connector	4-Pin male mini connector (TA4M)
Configuration	Unbalanced
Impedance	1 MΩ
Maximum Input Level	8.2 dBV *(2.57 Vrms, 7.27 Vpp)*
Preamplifier Equivalent Input Noise (EIN)	–118 dBV

RF OUTPUT

Antenna Type	1/4 Wave
Occupied Bandwidth	<200 kHz
Modulation Type	Shure Propietary Digital
Power	1 mW/10 mW *Varies by region.* *See Frequency Range and Output Power Table.*

MICROPHONE OPTIONS SEE SHURE.COM FOR MORE

WL185m	Cardioid Condenser Lavalier Microphone
WL93	Omnidirectional Miniature Condenser Microphone
MX153	Microflex® Headworn Earset Microphone
SM35	Cardioid Performance Headworn Microphone
WA305	1/4" Locking Instrument Cable

OVERVIEW

The SLXD1+ bodypack transmitter unlocks a new world of hands-free oversight and management for seasoned volunteers and pro engineers alike. Delivering wireless excellence, wherever required, wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device.

FEATURES

- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust transmitter gain
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- Each SLX-D+ component and system ships with AES-256 Encryption installed, for complete and secure peace of mind
- Up to 8 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories
- Ergonomic and durable plastic construction



SLXD1+
Digital Wireless
Bodypack Transmitter

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SLXD2+ DIGITAL WIRELESS HANDHELD TRANSMITTER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Battery Type	Rechargeable Li-Ion or 1.5 V AA batteries
Dimensions (Dia. × L)	1.46 × 6.93 in (37.1 × 176 mm)
Weight	5.1 oz. (144 g)
Housing	Aluminum

AUDIO INPUT

Configuration	Unbalanced
Maximum Input Level	8.2 dBV *(2.57 Vrms, 7.27 Vpp)* *Note: Dependent on Microphone Type*

RF OUTPUT

Antenna Type	Integrated Single-Band Helical
Occupied Bandwidth	<200 kHz
Modulation Type	Shure Propietary Digital
Power	1 mW/10 mW *Varies by region.* *See Frequency Range and Output Power Table.*

MICROPHONE OPTIONS SEE SHURE.COM FOR MORE

SLXD2+/58	SLXD2+ Handheld Transmitter with SM58 Cardioid Capsule
SLXD2+/B58	SLXD2+ Handheld Transmitter with Beta 58A Supercardioid Capsule
SLXD2+/B87A	SLXD2+ Handheld Transmitter with Beta 87A Supercardioid Capsule
SLXD2+/B87C	SLXD2+ Handheld Transmitter with Beta 87C Cardioid Capsule
SLXD2+/SM86	SLXD2+ Handheld Transmitter with SM86 Cardioid Capsule
SLXD2+/N8	SLXD2+ Handheld Transmitter with Nexadyne 8/C Cardioid Capsule
SLXD2+/K8	SLXD2+ Handheld Transmitter with KSM8 Cardioid Capsule

OVERVIEW

The SLXD2+ handheld transmitter unlocks a new world of hands-free oversight and management for seasoned volunteers and pro engineers alike. Delivering wireless excellence, wherever required, wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device.

FEATURES

- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust transmitter gain
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- Each SLX-D+ component and system ships with AES-256 Encryption installed, f or complete and secure peace of mind
- Up to 8 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories
- Rugged metal construction



SLXD2+/58
Digital Wirleless
Handheld Transmitter

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SLXD3+ DIGITAL WIRELESS PLUG-ON TRANSMITTER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Battery Type	Rechargeable Li-Ion or 1.5 V AA batteries
Dimensions (Dia. × L)	4.9 × 1.6 × 1.6 in (126 × 41 × 41 mm)
Weight	7.0 oz. (200 g)
Housing	Aluminum, Zinc Alloy, PC/ABS

AUDIO INPUT

Configuration	XLR
Maximum Input Level ***1 kHz @ 1% THD***	Pad -12 dB: 20.5 dBV 0 dB: 8.5 dBV Boost +12 dB: -3.5 dBV *Note: Dependent on Microphone Type*
Phantom Power	+48 V (7 mA maximum) +12 V (15 mA maximum)

RF OUTPUT

Antenna Type	Dipole
Occupied Bandwidth	<200 kHz
Modulation Type	Shure Propietary Digital
Power	1 mW/10 mW/30 mW *Varies by region.* *See Frequency Range and Output Power Table.*
Specific Absorption Rate (SAR)	<0.17 W/kg

OVERVIEW

The SLXD3+ bodypack transmitter unlocks a new world of hands-free oversight and management for seasoned volunteers and pro engineers alike. Delivering wireless excellence, wherever required, wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device..

FEATURES

- Convert any XLR source for use within SLX-D+ wireless systems
- Provides +12–48 VDC phantom power for use with condenser microphones
- Patented locking mechanism for secure, wobble-free connection
- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust power output level
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- Each SLX-D+ component and system ships with AES-256 Encryption installed, for complete and secure peace of mind
- Up to 8 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories



SLXD3+
Digital Wirless
Plug-On Transmitter

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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 *without antennas*
Housing	Galvanized Steel
Power Requirements	15 V @ 0.9

RF INPUT

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

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	50Ω
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. Wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device.

FEATURES

- Four channels in one rack space design with rugged metal construction
- 4 XLR and 4 1/4" outputs and 2 local ethernet connections
- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust transmitter gain
  - > Automatically find and deploy new frequency to both receiver and transmitter upon interference
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- RF Cascade creates a 12-channel system by linking three SLXD4Q+ together, no other accessories required
- Patented Shure Digital Feedback Reducer software is embedded in every SLX-D+ receiver, to automatically reduce unwanted audio feedback, should it ever occur.
- Each SLX-D+ component and system ships with AES-256 Encryption installed, for complete and secure peace of mind
- Audio Summing: Allows the dual and quad receivers to function as a 2 or 4 channel mixer
- Up to 8 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories



SLXD4Q+
Quad-Channel
Digital Wireless Receiver, Front



SLXD4Q+
Quad-Channel
Digital Wireless Receiver, Back

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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 *without antennas*
Housing	Galvanized Steel
Power Requirements	15 VDC @ 1.03 A

RF INPUT

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

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	50Ω
Insertion Gain	0-2 dB, typical

NETWORKING

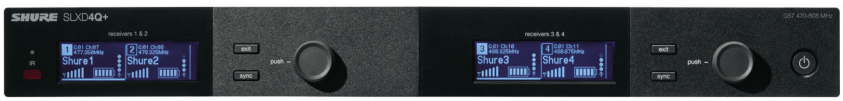
Network Interface	20 Hz– 20 kHz (+1, -2 dB)
Network Addressing Capability	DHCP or Manual IP address
Maximum Cable Length	100 m (328 ft)

OVERVIEW

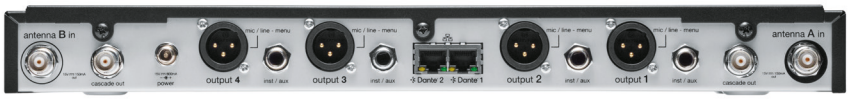
SLX-D+ Digital Wireless delivers transparent, 24-bit digital audio and rock solid RF performance with streamlined network-ready setup and rechargeability options in a suite of versatile wireless system configurations. Featuring industry-leading digital wireless technology and design in a convenient full-rack quad configuration, the SLXD4QDAN+ efficiently saves space and accessories, and easily scales to match channel requirements with Dante Audio connectivity. Wide-tuning SLXD+ transmitters and receivers stay in sync courtesy of a dedicated ShowLink® Ease control link. Manage interference, scan for new channels and update for clear transmission automatically. Also monitor and configure via a paired mobile device.

FEATURES

- Four channels in one rack space design with rugged metal construction
- 4 XLR and 4 1/4" outputs and 2 local ethernet connections
- Dante Audio Networking, carried on single Ethernet cable
- Transparent 24-bit digital audio quality with >118 dB dynamic range
- Rock solid RF with 138 MHz wide-tuning range for greater geographical coverage:
  - > Up to 11 simultaneous systems in 6 MHz TV bands
  - > Up to 14 simultaneous systems in 8 MHz TV bands
- Automatic Setup – once linked, SLX-D+ receivers and transmitters stay connected, despite any RF interference
- With ShowLink® Ease, transmitter parameters can be adjusted remotely over the air from the linked receiver, including:
  - > Changing the transmitter frequency once open frequency is identified
  - > Adjust transmitter gain
  - > Automatically find and deploy new frequency to both receiver and transmitter upon interference
  - > Lock and unlock transmitter controls
  - > Transmitter firmware updates
- Monitor RF status and control receiver and transmitter parameters with Wireless Workbench desktop software, or remotely with the WWB Mobile app over Wi-Fi or Bluetooth
- RF Cascade creates a 12-channel system by linking three SLXD4Q+ together, no other accessories required
- Patented Shure Digital Feedback Reducer software is embedded in every SLX-D+ receiver, to automatically reduce unwanted audio feedback, should it ever occur.
- Each SLX-D+ component and system ships with AES-256 Encryption installed, for complete and secure peace of mind
- Audio Summing: Allows the dual and quad receivers to function as a 2 or 4 channel mixer.
- Up to 8 hours of use from either 2 AA batteries (included) or optional Shure SB903 Li-ion rechargeable batteries and charging accessories



SLXD4QDAN+
Quad-Channel
Digital Wireless Receiver, Front



SLXD4QDAN+
Quad-Channel
Digital Wireless Receiver, Back

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SLXD+ DIGITAL WIRELESS RECHARGEABLE POWER MANAGEMENT

SPECIFICATIONS

(SUBJECT TO CHANGE)

SB903 LI-ION RECHARGEABLE BATTERY

Charge Voltage	4.2 V (±0.03 V)
Charge Current	SBC10-903: 220 mA SBC203: 625 mA (normal) 250 mA (reduced)
Nominal Voltage	3.6 V
Nominal Capacity	1200 mAh
Housing	Molded Polycarbonate
Charging Temperature Range	SBC10-903: 50 °F to 113 °F (10 °C to 45 °C) SBC203: 50 °F to 113 °F (10 °C to 45 °C), normal 32 °F to 50 °F (0 °C to 10 °C), reduced
Dimensions (H × W × L)	0.57 × 1.28 × 2.19 in (14.5 × 32.5 × 55.5 mm)
Weight	1 oz. (28 g)

SBC10-903 SINGLE BATTERY CHARGING SLED

DC Input Voltage Range	5 VDC
Charge Current	220 mA *USB-powered*
Charge Time	50%: 3 hours 100%: 5 hours, 30 minutes
Charge Voltage	4.2 V
Charging Temperature Range	50 °F to 113 °F 10 °C to 45 °C
Dimensions (H × W × L)	0.81 × 1.48 ×3.13 in (20.5 ×37.5 × 79.5 mm)
Weight	1.3 oz (39 g)
Housing	Molded Polycarbonate

POWER SUPPLY

Input Voltage Range	100 to 240 VAC
Operating Frequency	50 to 60 Hz
Maximum Input Power	0.2 A *at 100 VAC full load*
Output Voltage	4.75 to 5.25 VDC
Maximum Output Power	1.0 A at 5 VDC
Charging Temperature Range	32 °F to 140 °F (0 °C to 60 °C)



SB903
Rechargeable Lithium Ion Battery

SB903 LITHIUM-ION RECHARGEABLE BATTERY

Want to know the exact amount of battery charge left? SB903 rechargeable lithium-ion batteries unlock real-time battery life and battery health features for SLX-D Digital Wireless transmitters.



SBC10-903
Single Battery Charging Sled

SBC10-903 SINGLE BATTERY CHARGER FOR SB903 BATTERY

USB single battery charger can be powered from A/C power sources and USB ports to charge one Shure SB903 Lithium-Ion Rechargeable Battery for use with SLX-D Digital Wireless Transmitters.

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SLXD+ DIGITAL WIRELESS RECHARGEABLE POWER MANAGEMENT

SPECIFICATIONS

(SUBJECT TO CHANGE)

SBC80-903 8-BAY BATTERY CHARGER

Charge Current	625 mA
Charge Time	50%: 1 hour 100%: 3 hours
External Power Supply	PS60
Power Requirements	15 VDC, 4 A
Dimensions (H × W × L)	1.18 × 6.81 × 5.75 in (30 × 173 × 146 mm)
Weight	13.2 oz (375 g)
Storage Temperature Range	-20 °F to 165 °F (-29 °C to 74 °C)
Charging Temperature Range	32 °F to 113 °F (0 °C to 45 °C)

SBC203 DUAL-DOCKING RECHARGING STATION

Charge Current	625 mA or 250 mA *Lower current used when using another power source, or operating between 32 °F and 50 °F (0 °C and 10 °C)*
Charge Time	50%: 1 hour, 15 minutes 100%: 2 hours, 30 minutes
External Power Supply	SBC10-USB15W or SBC10-USB15WS
Power Requirements	5 VDC, 3 A max
Charging Temperature Range for Battery	32 °F to 113 °F (0 °C to 45 °C)
Dimensions (H × W × L)	2.6 × 3.9 ×6.5 in (66 × 99 × 165 mm)
Weight	10.0 oz (284 g)
Housing	ABS

POWER SUPPLY

Input Voltage Range	100 to 240 VAC
Operating Frequency	50 to 60 Hz
Maximum Input Power	0.6 A at 100 VAC full load
Output Voltage	4.75 to 5.25 VDC
Maximum Output Power	3.0 A at 5 V
Operating Temperature Range	32 °F to 140 °F (0 °C to 60 °C)

SBC80-903 8-BAY BATTERY CHARGER FOR SB903 LITHIUM-ION BATTERY

Recharging station for up to eight (8) SB903 rechargeable lithium ion batteries. The charging cradle is designed to fit in a rackmount drawer and provides a full charge for installed batteries in 3 hours. LED indicators illuminate to indicate battery health and charging status.



SBC80-903
8-Bay Battery Charger

SBC203 DUAL-DOCKING RECHARGING STATION FOR SB903 LITHIUM-ION BATTERY

Dual docking recharging station charges two SB903 lithium-ion batteries in or out of their transmitters. Built to charge two batteries, two body pack transmitters, two handheld transmitters or any pairing of two SLX-D transmitters or SB903 batteries.



SBC203
Dual-Docking Recharging Station

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