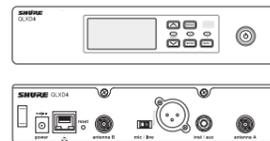


System	RF Carrier Frequency Range	470 – 865 MHz, varies by region
	Image Rejection	>70 dB, typical
	Latency	<2.9 ms
	RF Sensitivity	-97 dBm at 10 ⁻⁵ BER
	Working Range	100 m line-of-sight <i>Note: Actual range depends on RF signal absorption, reflection and interference.</i>
	Audio Frequency Range	20 Hz to 20 kHz <i>Note: Dependent on microphone type.</i>
	Audio Dynamic Range (System Gain @ +10)	>120 dB, A-weighted, typical
	Total Harmonic Distortion	<0.1% (-12 dBFS input, System Gain @ +10)
	Operating Temperature Range	-18°C to 50°C <i>Note: Battery characteristics may limit this range.</i>

QLXD4 Receiver



Dimensions	41 mm x 197 mm x 151 mm
Weight	777 g, without antennas
Housing	Steel
Power Requirements	12 V DC @ 0.4 A, supplied by external power supply (tip positive)
Spurious Rejection	> 80 dB, typical
Antenna Connector Type	BNC
Antenna Impedance	50 Ω
Gain Adjustment Range	-18 to +42 dB (in 1 dB steps)
Configuration	¼" (6.35 mm): Impedance balanced (Tip = audio, Ring = no audio, Sleeve = ground) XLR: balanced (1= ground, 2 = audio +, 3 = audio -)
Antenna Impedance	¼" (6.35 mm): 100 Ω (50 Ω Unbalanced) XLR: 100 Ω
Full Scale Output	¼" (6.35 mm): +12 dBV XLR: LINE setting = +18 dBV, MIC setting = -12 dBV
Mic/Line Switch	30 dB pad
Network Interface	Single Port Ethernet 10/100 Mbps
Network Addressing Capability	DHCP or Manual IP address

QLXD1 Bodypack Transmitter
QLXD2 Handheld Transmitter



Dimensions	QLXD1: 86 mm x 65 mm x 23 mm without antenna QLXD2: 256 mm x 51 mm L x Dia. <i>Note: Final dimensions depend on cartridge.</i>
Weight	QLXD1: 138 g, without batteries QLXD2: 347 g, without batteries <i>Note: Final weight depends on cartridge.</i>
Housing	QLXD1: Cast aluminum QLXD2: Machined aluminum
Battery Type	Shure SB900 Rechargeable Li-Ion or AA batteries 1.5 V
Battery Runtime	(@ 10 mW) Shure SB900 rechargeable: up to 10 hours alkaline: up to 9 hours
RF Output Power	1 mW or 10 mW
Occupied Bandwidth	< 200 kHz
Modulation Type	Shure proprietary digital
Mic Offset Range	0 to 21 dB (in 3 dB steps)



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NEW

QLX-D™ Digital Wireless Systems

DIGITAL.SECURE.WIRELESS.



QLX-D™ Digital Wireless Systems

SHURE PROFESSIONAL TECHNOLOGY IN AN EASY-TO-USE SOLUTION

Transparent 24-bit digital audio.
Incredibly efficient wireless.
Powerful networking.
Rugged, secure systems.

Shure QLX-D™ Digital Wireless is the clear choice for exceptionally detailed wireless audio in widely diverse and demanding environments. A highly flexible system featuring streamlined setup and operation, QLX-D boasts impressive RF efficiency to get more channels on air using less spectrum, while the rugged all-metal construction withstands the rigors of constant use. From corporate seminars to music clubs, classroom lectures to houses of worship, Shure QLX-D Digital Wireless has it covered – delivering confident performance, no matter what the venue.

System Components



- QLXD1 Bodypack Transmitter** **QLXD4 Receiver**
- Rugged metal construction
 - Backlit LCD with easy to navigate menu and controls
 - 2 x AA batteries provide up to 9 hours of runtime
 - Optional Shure SB900 lithium-ion rechargeable battery provides up to 10 hours of runtime
 - Remaining battery life displayed in hours and minutes
 - Switchable RF power (1,10mW)
 - External charging contacts for docked charging
 - Multiple microphone cartridges available, including the legendary SM58® (QLXD2)
- QLXD4 Receiver**
- Transparent, 24-bit digital audio
 - 20 Hz – 20 kHz frequency range*
 - 120 dB dynamic range
 - No transmitter gain adjustment needed
 - Up to 72 MHz overall tuning bandwidth**
 - 22 compatible channels per 8 MHz TV channel
 - More than 60 pre-set compatible channels per frequency band**
 - AES 256-bit encryption
 - Ethernet networkable receivers
 - Automatic channel scan quickly and easily finds a new frequency
 - Network Scan finds clean frequencies for networked receivers
 - IR Sync
 - AMX/Crestron® control system ready
 - ShurePlus™ Channels mobile app compatible
 - Wireless Workbench® control software compatible

*Microphone dependent **Region dependent
Crestron® is a registered trademark of Crestron Electronics, Inc.

Systems available with:

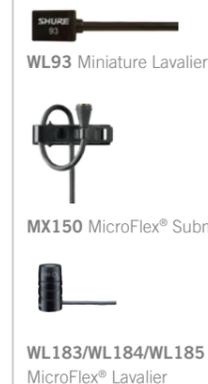
Handheld

Interchangeable SM, Beta, and KSM microphone cartridges



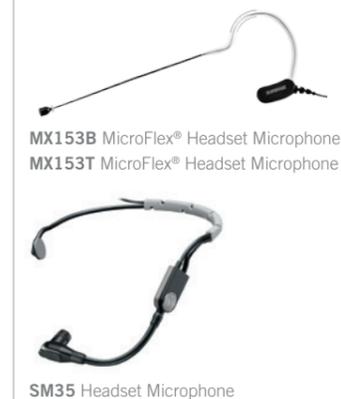
Lavalier

Miniature and subminiature lavalier condenser microphones



Headset

Comfortable over-the-ear design



Instrument

Microphone and cable options for instrument and line input

