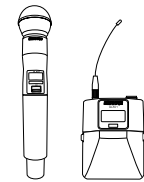
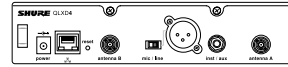


QLX-D™ Digital Wireless Specifications (Note: All specifications are subject to change.)

System	RF Carrier Frequency Range	470–937.5 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 (328 ft.) 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 (0°F) to 50°C (122°F) <i>Note: Battery characteristics may limit this range.</i>
	QLXD4 Receiver	Dimensions
Weight		777 g (1.71 lbs.), 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
	Weight	QLXD1: 138 g (4.9 oz.), without batteries QLXD2: 347 g (12.2 oz.), without batteries
	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)



SHURE
LEGENDARY
PERFORMANCE™

United States, Canada,
Latin America, Caribbean:
Shure Incorporated
5800 West Touhy Avenue
Niles, IL 60714-4608 USA

Phone: +1 847-600-2000
Fax: +1 847-600-1212 (USA)
Fax: +1 847-600-6446
Email: info@shure.com
www.shure.com

Europe, Middle East, Africa:
Shure Europe GmbH
Jakob-Dieffenbacher-Str. 12,
75031 Eppingen, Germany

Phone: +49-7262-92490
Fax: +49-7262-9249114
Email: info@shure.de
www.shure.eu

Asia, Pacific:
Shure Asia Limited
22/F, 625 King's Road
North Point, Island East
Hong Kong

Phone: +852-2893-4290
Fax: +852-2893-4055
Email: info@shure.com.hk
www.shureasia.com



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QLX-D™ Digital Wireless Systems

**POWERFULLY
REFINED WIRELESS**



QLX-D™ Digital Wireless Systems

An Elevated Standard.



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 QLXD2 Handheld Transmitter

- 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
- 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
- 64/72 MHz overall tuning bandwidth**
- 17 compatible channels per 6 MHz TV channel
- More than 60 pre-set compatible channels per frequency band**
- AES 256-bit encryption
- Ethernet networkable receivers
- Network Scan finds clean frequencies for networked receivers
- AMX/Crestron control system ready
- ShurePlus™ Channels mobile app compatible
- Wireless Workbench® control software compatible

*Microphone dependent **Region dependent

Systems available with:

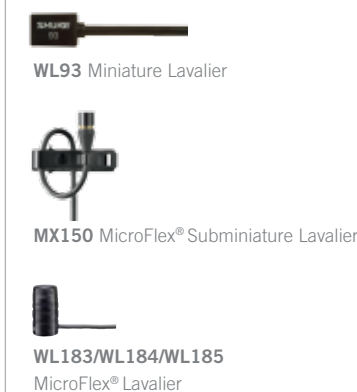
Handheld

Interchangeable SM, Beta, and KSM microphone cartridges



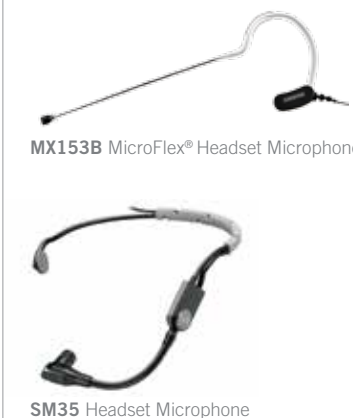
Lavalier

Miniature and subminiature lavalier condenser microphones



Headset

Comfortable over-the-ear design



Instrument

Microphone and cable options for instrument and line input

