

SHURE®

LEGENDARY
PERFORMANCE™

BLX Wireless Systems

BLX Wireless

Legendary sound, right out of the box.

For performers who wish to unplug from the wire, BLX Wireless Systems feature trusted Shure microphones and world-class design and construction. Available in bodypack and handheld configurations, BLX Wireless Systems built for legendary sound, right out of the box.



APPLICATIONS

Musicians (Vocal, Guitar,
Brass or Woodwinds)

Presenters
(Speech, Aerobics)

Karaoke

PRODUCT HIGHLIGHTS

Easy set up and operation

One-touch Quickscan
frequency selection
quickly locates the best
open frequency

Legendary Shure audio
and durable construction

System Specifications

Working Range	91 m (300 ft) Line of Sight Note: Actual range depends on RF signal absorption, reflection and interference.
Audio Frequency Response	50 to 15,000 Hz Note: Dependent on microphone type
Total Harmonic Distortion Ref. ± 33 kHz deviation with 1 kHz tone	0.5%, typical
Dynamic Range	100 dB, A-weighted, typical
Operating Temperature	-18°C (0°F) to 57°C (135°F) Note: Battery characteristics may limit this range.
Polarity	Positive pressure on microphone diaphragm (or positive voltage applied to tip of WA302 phone plug) produces positive voltage on pin 2 (with respect to pin 3 of low impedance output) and the tip of the high impedance 1/4-inch output.

NOTE: All Specifications are subject to change. Performance may vary depending on country regulations and operating environment.

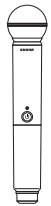
Component Specifications

BLX1 Bodypack Transmitter



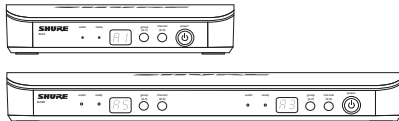
Audio Input Level	gain	max: -16 dBV maximum min (0 dB): +10 dBV maximum
Gain Adjustment Range		26 dB
Input Impedance		1 M Ω
RF Transmitter Output	10 mW, typical	varies by region
Dimensions		110 mm x 64 mm x 21 mm (H x W x D)
Weight		75 g (2.6 oz.), without batteries
Housing		Molded ABS
Power Requirements		2 LR6 AA batteries, 1.5 V, alkaline
Battery Life		up to 14 hours (alkaline)

BLX2 Handheld Transmitter



Audio Input Level	gain	0dB: -20 dBV maximum -10dB: -10 dBV maximum
Gain Adjustment Range		10 dB
RF Transmitter Output	10 mW, typical	varies by region
Dimensions		224 mm X 53 mm dia. (8 7/8 X 2 1/8 in.)
Weight		218 g (7.7 oz.) (without batteries)
Housing		Molded ABS
Power Requirements		2 LR6 AA batteries, 1.5 V, alkaline
Battery Life		up to 14 hours (alkaline)

BLX4 Wireless Receiver & BLX88 Dual Wireless Receiver



Output Impedance		XLR connector: 200 Ω 6.35 mm (1/4") connector: 50 Ω
Audio Output Level Ref. ± 33 kHz deviation with 1 kHz tone		XLR connector: -27 dBV (into 100 k Ω load) 6.35 mm (1/4") connector: -13 dBV (into 100 k Ω load)
RF Sensitivity		-105 dBm for 12 dB SINAD, typical
Image Rejection		>50 dB, typical
Dimensions		BLX4: 40 mm X 188 mm X 103 mm (H x W x D) BLX88: 40 mm X 388 mm X 116 mm (H x W x D)
Weight		BLX4: 241 g (8.5 oz.) BLX88: 429 g (15.1 oz.)
Housing		Molded ABS
Power Requirements		12-15 V DC @ 160 mA (BLX88, 320 mA), supplied by external power supply (tip positive)

BLX4R Wireless Receiver



Output Impedance		XLR connector: 200 Ω 6.35 mm (1/4") connector: 50 Ω
Audio Output Level Ref. ± 33 kHz deviation with 1 kHz tone		XLR connector: -20.5 dBV (into 100 k Ω load) 6.35 mm (1/4") connector: -13 dBV (into 100 k Ω load)
RF Sensitivity		-105 dBm for 12 dB SINAD, typical
Image Rejection		>50 dB, typical
Dimensions		50 mm X 198 mm X 163 mm H x W x D
Weight		998 g (2.2 lb.) without antennas
Housing		Molded ABS, steel
Power Requirements		12-15 V DC @ 260 mA, supplied by external power supply (tip positive)

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