

# 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. $\pm 33$ 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 lowimpedance 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.

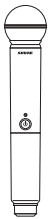
# Component Specifications

## BLX1 Bodypack Transmitter



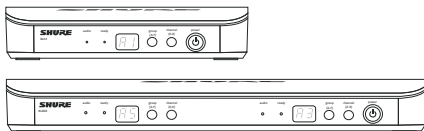
Audio Input Level	gain	max: -16 dBV maximum min (0 dB): +10 dBV maximum
Gain Adjustment Range	26 dB	
Input Impedance	1 M $\Omega$	
RF Transmitter Output	10 mW, typical	varies by region
Dimensions	110 mm x 64 mm x 21 mm (H x W x D)	
Weight	75 g (2.6 oz.),	without batteries
Housing	Molded ABS	
Power Requirements	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 $\Omega$ 6.35 mm (1/4") connector: 50 $\Omega$
Audio Output Level Ref. $\pm 33$ kHz deviation with 1 kHz tone	XLR connector: -27 dBV (into 100 k $\Omega$ load) 6.35 mm (1/4") connector: -13 dBV (into 100 k $\Omega$ 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 $\Omega$ 6.35 mm (1/4") connector: 50 $\Omega$
Audio Output Level Ref. $\pm 33$ kHz deviation with 1 kHz tone	XLR connector: -20.5 dBV (into 100 k $\Omega$ load) 6.35 mm (1/4") connector: -13 dBV (into 100 k $\Omega$ 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)