

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.

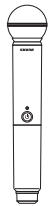
Component Specifications

BLX1 Bodypack Transmitter



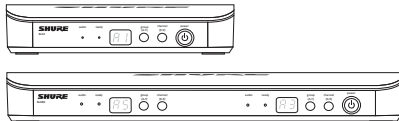
| | | |
|-----------------------|----------------|---|
| Audio Input Level | gain | max: -16 dBV maximum min (0 dB): +10 dBV maximum |
| Gain Adjustment Range | | 26 dB |
| Input Impedance | | 1 M Ω |
| RF Transmitter Output | 10 mW, typical | varies by region |
| Dimensions | | 110 mm x 64 mm x 21 mm (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) |

SHURE®

LEGENDARY
PERFORMANCE™