

PG | SM | Beta Analog Wireless Systems





Legendary sound, right out of the box

For performers who wish to unplug from the wire, PG, SM and Beta Analog Wireless Systems feature trusted Shure microphones and world-class design and construction. Available in bodypack and handheld configurations, PG, SM and Beta 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

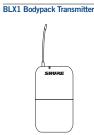
Legendary Shure audio and durable construction

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 lowimpedance output) and the tip of the high impedance 6,35 mmw output.
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NOTE: All Specifications are subject to change. Performance may vary depending on country regulations and operating environment.

Component Specifications

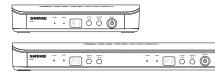


Audio Input Level Gain Adjustment Range Input Impedance 1 ΜΩ RF Transmitter Output 10 mW, typical varies by region 110 mm x 64 mm x 21 mm (H x W x D) Dimensions 75 g (2.6 oz.), without batteries Weight Housing Molded ABS Power Requirements 2 LR6 AA batteries, 1.5 V, alkaline Battery Life up to 14 hours (alkaline)

BLX2 Handheld Transmitter

0dB: -20 dBV maximum -10dB: -10 dBV maximum Audio Input Level 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)





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 kΩ load) 6.35 mm (1/4") connector: -13 dBV (into 100 kΩ 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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