

SYSTEM TECHNICAL SPECIFICATIONS

Compatible systems per frequency band (up to): 12

Selectable frequencies: 150

Auto Setup Features: QuickScan : Finds group with most compatible frequencies and sets to best frequency

Audio Reference Companding: No

Included Antennas: BLX4, BLX88: Internal, BLX4R: Detachable

Antenna Options: No

Receiver Network Ability: No

PC Control: No

Rack Hardware: URT2 (not included), Rack mount brackets (only with rackable/BLX-R Sets)

Case: No

Transmitter Display: LED

Receiver Display: BLX4, BLX88: LED, BLX4R: High-resolution LCD screen

Battery, Endurance: 2AA, up to 14h

Environment: Small to medium stages

FURTHER TECHNICAL SPECS

Operating Range: 91 m (line of sight - actual range depends on RF signal absorption, reflection and interference)

Available Frequencies: Between 524–865 MHz (available frequencies depend on applicable regulations in country where system used)

Audio Range: 50–15,000 Hz (dependent on microphone type)

Transmitter RF Output Power: 10 mW, typical (varies by region)

Audio Output Connector: XLR and 1/4" (6.3 mm) unbalanced Maximum Output Level: -27 dBV (XLR, mic level), -13 dBV (1/4")

Battery Life: Up to 14 hours

Dynamic Range: 100 dB A-weighted

System Distortion: 0.5% THD typical (ref. +/- 38 kHz deviation, 1 kHz tone)

Operating Temperature Range: -18°C (0°F) – +50°C (122°F)

Power Requirements: BLX1, BLX2: 2 AA alkaline or rechargeable batteries

BLX88: 12–18 V DC at 320 mA, supplied by external power supply

COMPONENT SPECIFICATIONS: BLX88 DUAL RECEIVER

Output Impedance:

- XLR connector: 200 Ω
- 6.35 mm (1/4") connector: 50 Ω

Audio Output Level Ref. \pm 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: 40 mm X 388 mm X 116 mm (H x W x D)

Weight: BLX88 429 g

Housing: Molded ABS

Power Requirements: 12–15 V DC @ 320 mA, supplied by external power supply (tip positive)

BLX2 HANDHELD TRANSMITTER

Audio Input Level

- gain 0dB: -20 dBV maximum

- gain -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.

Weight: 218 g (without batteries)

Housing: Molded ABS

Power Requirements: 2 LR6 AA batteries, 1.5 V, alkaline

Battery Life: up to 14 hours (alkaline)