BLX® WIRELESS SYSTEMS

LEGENDARY SOUND. RIGHT OUT OF THE BOX.
BLX® Wireless Systems

WIRELESS FREEDOM, MADE SIMPLE.

Making the jump to wireless should be liberating, not challenging. Shure BLX Wireless Systems combine professional quality sound with simple setup and an intuitive interface for performance you can trust right out of the box. Precision built and available in a variety of handheld, lavalier, instrument and headset configurations, it’s the most accessible way to own the stage.

SYSTEM COMPONENTS

**BLX4, BLX4R and BLX88 Diversity Receivers**
- Up to 12 compatible systems per frequency band (region dependent)
- Microprocessor-controlled internal antenna diversity
- One-touch QuickScan frequency selection quickly locates the best frequency
- 1/4" and XLR audio outputs
- Two color audio status indicator LED

**Wireless Transmitters**
- Power and battery status LED
- Adjustable gain control
- Quick & easy frequency matching
- 2 AA batteries (included) provide up to 14 hours of continuous use
- 300 feet (91 m) operating range (line of sight)

**Additional BLX4R features:**
- Adjustable output level
- Removable antennas for quick antenna distribution
- LCD display with detailed RF and audio metering
- Rugged metal construction, rack mount hardware included

[Images of BLX4, BLX4R, BLX88, BLX2, BLX1]
**VOCAL**
For lead and backup vocals.

- **PG58**
  - Cardioid | Dynamic
  - Professional-quality microphone capsule for lead and backup vocal performance applications
  - With BLX4 or BLX88

- **SM58**
  - Cardioid | Dynamic
  - Industry-standard microphone capsule tailored to deliver warm, clear vocal reproduction
  - With BLX4 or BLX4R

- **BETA 58A**
  - Supercardioid | Dynamic
  - Precision-engineered microphone capsule optimized for lead vocal applications
  - With BLX4 or BLX4R

Optional Accessory: 5 Color ID Caps for handheld transmitter

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**BLX1 BODYPACK SYSTEM OPTIONS**

**GUITAR**
For guitar or bass.

- **WA302**
  - Guitar Cable
  - 1/4"-to-TA4F instrument cable to connect transmitter to a guitar or bass
  - With BLX4 or BLX4R

**INSTRUMENT**
For brass, wind, and percussion instruments.

- **BETA 98H/C**
  - Cardioid | Condenser
  - Precision-crafted, flexible gooseneck instrument microphone for brass, woodwind, and percussion applications
  - With BLX4 or BLX4R

**HEADSET**
For vocalists, presenters, aerobics instructors and drummers.

- **PGA31**
  - Cardioid | Condenser
  - Comfortable, durable head-worn microphone for active performance applications
  - With BLX4, BLX4R or BLX88

- **SM31FH**
  - Cardioid | Condenser
  - Rugged, comfortable head-worn microphone with increased moisture-resistance for active speech and fitness applications
  - With BLX4, BLX4R or BLX88

- **SM35**
  - Cardioid | Condenser
  - Rugged, comfortable head-worn microphone for roadworthy, high-quality live vocal performance applications
  - With BLX4, BLX4R or BLX88

**PRESENTER**
For presenters, instructors, teachers and clergy.

- **CVL**
  - Cardioid | Condenser
  - Reliable wearable microphone for spoken word applications
  - With BLX4, BLX4R or BLX88

- **WL93**
  - Omnidirectional Condenser
  - Miniature wearable microphone for spoken word applications
  - With BLX4R

- **WL185**
  - Cardioid | Condenser
  - Premium wearable microphone optimized for spoken word applications
  - With BLX4R

- **MX153**
  - Omnidirectional Condenser
  - Premium sub-miniature earset microphone for discrete, exceptional clarity in spoken word applications
  - With BLX4R
BLX® Wireless Systems

BLX2 HANDHELD SYSTEM OPTIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Includes</th>
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</thead>
<tbody>
<tr>
<td>BETA 58A®</td>
<td>• BETA 58A® Handheld Microphone with BLX2 Transmitter</td>
</tr>
<tr>
<td>VOCAL</td>
<td>• BLX4 or BLX4R Wireless Receiver</td>
</tr>
<tr>
<td>50Hz – 16kHz</td>
<td>• Durable Padded Zipper Case</td>
</tr>
<tr>
<td></td>
<td>• 2 AA Batteries</td>
</tr>
<tr>
<td>PG58</td>
<td>• PG58 Handheld Microphone with BLX2 Transmitter</td>
</tr>
<tr>
<td>VOCAL</td>
<td>• BLX4 or BLX88 Wireless Receiver</td>
</tr>
<tr>
<td>60Hz – 15kHz</td>
<td>• Durable Padded Microphone Clip</td>
</tr>
<tr>
<td></td>
<td>• 2 AA Batteries</td>
</tr>
</tbody>
</table>

BLX1 BODYPACK SYSTEM OPTIONS

<table>
<thead>
<tr>
<th>Model</th>
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</thead>
<tbody>
<tr>
<td>BETA 98H/C</td>
<td>• BETA 98H/C Instrument Microphone</td>
</tr>
<tr>
<td>INSTRUMENT</td>
<td>• BLX1 Bodpack Transmitter</td>
</tr>
<tr>
<td>20Hz – 20kHz</td>
<td>• BLX4 or BLX4R Wireless Receiver</td>
</tr>
<tr>
<td></td>
<td>• Durable Padded Zipper Case</td>
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<td></td>
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<tr>
<td>CVL</td>
<td>• CVL Lavalier Microphone</td>
</tr>
<tr>
<td>PRESENTER</td>
<td>• BLX1 Bodpack Transmitter</td>
</tr>
<tr>
<td>60Hz – 12kHz</td>
<td>• BLX4 or BLX88 Wireless Receiver</td>
</tr>
<tr>
<td>WL185</td>
<td>• Durable Padded Zipper Case</td>
</tr>
<tr>
<td>PRESENTER</td>
<td>• Tie Clip and Windscreen</td>
</tr>
<tr>
<td>50Hz – 20kHz</td>
<td>• WL185 Lavalier Microphone</td>
</tr>
<tr>
<td></td>
<td>• BLX1 Bodpack Transmitter</td>
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<tr>
<td></td>
<td>• Tie Clip and Windscreen</td>
</tr>
<tr>
<td>SM31FH</td>
<td>• SM31FH Headset Microphone</td>
</tr>
<tr>
<td>HEADSET</td>
<td>• BLX1 Bodpack Transmitter</td>
</tr>
<tr>
<td>40Hz – 20kHz</td>
<td>• BLX4 or BLX88 Wireless Receiver</td>
</tr>
<tr>
<td></td>
<td>• Durable Padded Zipper Case</td>
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<tr>
<td></td>
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<td>• SM35 Headset Microphone</td>
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<td>• Windscreen</td>
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Operating Principle: Dynamic, Condenser
Polar Pattern: Cardioid, SuperCardioid, OmniDirectional
Frequency Response: Flat, Tailored

TECHNICAL SPECIFICATIONS

Operating Range: 300 ft (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
BLX4: 12 – 18 V DC at 150 mA, supplied by external power supply
BLX88: 12 – 18 V DC at 320 mA, supplied by external power supply
BLX4R: 12 – 18 V DC at 260 mA, supplied by external power supply

Note: Performance may vary depending on country regulations and operating environment.