

A close-up photograph of a woman with long dark hair, wearing a dark blue t-shirt and a necklace, singing passionately into a silver and black Shure microphone. The background is a soft, out-of-focus mix of green and blue stage lights.

**SHURE**<sup>®</sup>

LEGENDARY  
PERFORMANCE<sup>™</sup>

BLX<sup>®</sup> 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



BLX4 Wireless Receiver



BLX4R Rack Mount Wireless Receiver

#### 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



BLX88 Dual Wireless Receiver

### 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)



BLX2 Handheld Transmitter



BLX1 Bodypack Transmitter

## 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



## 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

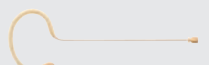


WITH BLX4R

### MX153

OMNIDIRECTIONAL  
CONDENSER

Premium sub-miniature earset microphone for discrete, exceptional clarity in spoken word applications



WITH BLX4R

## BLX2 HANDHELD SYSTEM OPTIONS

Model	Includes
<b>BETA 58A®</b> VOCAL 50Hz – 16kHz	<ul style="list-style-type: none"> <li>BETA 58A® Handheld Microphone with BLX2 Transmitter</li> <li>BLX4 or BLX4R Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Break-resistant Microphone Clip</li> <li>2 AA Batteries</li> </ul>

<b>PG58</b> VOCAL 60Hz – 15kHz	<ul style="list-style-type: none"> <li>PG58 Handheld Microphone with BLX2 Transmitter</li> <li>BLX4 or BLX88 Wireless Receiver</li> <li>Break-resistant Microphone Clip</li> <li>2 AA Batteries</li> </ul>
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## BLX1 BODYPACK SYSTEM OPTIONS

Model	Includes
<b>WA302</b> GUITAR	<ul style="list-style-type: none"> <li>WA302 Guitar Cable</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4 or BLX4R Wireless Receiver</li> <li>Durable Padded Zipper Case</li> </ul>

<b>PGA31</b> HEADSET 40Hz – 20kHz	<ul style="list-style-type: none"> <li>PGA31 Headset Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4, BLX4R OR BLX88 Wireless Receiver</li> <li>Windscreen</li> </ul>
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<b>WL93</b> PRESENTER 50Hz – 20kHz	<ul style="list-style-type: none"> <li>WL93 Lavalier Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4R Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Tie Clip and Windscreen</li> </ul>
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<b>MX153</b> PRESENTER 20Hz – 20kHz	<ul style="list-style-type: none"> <li>MX153 Earset Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4R Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Collar Clip, Windscreen, and Protective Pouch</li> </ul>
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Model	Includes
<b>SM58®</b> VOCAL 50Hz – 15kHz	<ul style="list-style-type: none"> <li>SM58® Handheld Microphone with BLX2 Transmitter</li> <li>BLX4 or BLX4R Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Break-resistant Microphone Clip</li> <li>2 AA Batteries</li> </ul>

## BLX1 BODYPACK SYSTEM OPTIONS



Model	Includes
<b>BETA 98H/C</b> INSTRUMENT 20Hz – 20kHz	<ul style="list-style-type: none"> <li>BETA 98H/C Instrument Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4 or BLX4R Wireless Receiver</li> <li>Durable Padded Zipper Case</li> </ul>

<b>CVL</b> PRESENTER 60Hz – 12kHz	<ul style="list-style-type: none"> <li>CVL Lavalier Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4, BLX4R OR BLX88 Wireless Receiver</li> <li>Tie Clip and Windscreen</li> </ul>
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<b>WL185</b> PRESENTER 50Hz – 20kHz	<ul style="list-style-type: none"> <li>WL185 Lavalier Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4R Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Tie Clip and Windscreen</li> </ul>
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<b>SM31FH</b> HEADSET 40Hz – 20kHz	<ul style="list-style-type: none"> <li>SM31FH Headset Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4, BLX4R OR BLX88 Wireless Receiver</li> <li>Windscreen</li> </ul>
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<b>SM35</b> HEADSET 40Hz – 20kHz	<ul style="list-style-type: none"> <li>SM35 Headset Microphone</li> <li>BLX1 Bodypack Transmitter with 2 AA Batteries (included)</li> <li>BLX4, BLX4R OR BLX88 Wireless Receiver</li> <li>Windscreen</li> </ul>
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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.*

**SHURE®**  
LEGENDARY PERFORMANCE™

**United States, Canada, Latin America, Caribbean:**  
Shure Incorporated  
5800 West Touhy Avenue  
Niles, IL 60714-4608 USA

Phone: +1 847-600-2000  
Fax: +1 847-600-1212 (USA)  
Fax: +1 847-600-6446  
Email: info@shure.com  
www.shure.com

**Europe, Middle East, Africa:**  
Shure Europe GmbH  
Jakob-Dieffenbacher-Str. 12,  
75031 Eppingen, Germany

Phone: +49-7262-92490  
Fax: +49-7262-9249114  
Email: info@shure.de  
www.shure.eu

**Asia, Pacific:**  
Shure Asia Limited  
22/F, 625 King's Road  
North Point, Island East  
Hong Kong

Phone: +852-2893-4290  
Fax: +852-2893-4055  
Email: info@shure.com.hk  
www.shureasia.com