

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 blurred stage with green and blue lighting.

SHURE[®]

LEGENDARY
PERFORMANCE[™]

BLX[®] WIRELESS SYSTEMS

**LEGENDARY SOUND.
RIGHT OUT OF THE BOX.**

A large, stylized, semi-transparent 'S' logo is positioned in the bottom right corner of the advertisement, partially overlapping the text.

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

- Available in 9 MHz tuning bandwidth (694 - 703 MHz) and 10 MHz tuning bandwidth (748 - 758 MHz)
- Up to 7 preset compatible systems for 694 - 703 MHz band and up to 8 preset compatible systems for 748 - 758 MHz band
- 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



BLX88 Dual 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

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

AVAILABLE MODELS

BLX24A/PG58-M19
BLX24A/PG58-Q12
BLX24RA/PG58-M19
BLX24RA/PG58-Q12
BLX288A/PG58-M19
BLX288A/PG58-Q12



SM58®

CARDIOID | DYNAMIC

AVAILABLE MODELS

BLX24A/SM58-M19
BLX24A/SM58-Q12
BLX24RA/SM58-M19
BLX24RA/SM58-Q12
BLX288A/SM58-M19
BLX288A/SM58-Q12



BETA58®

SUPERCARDIOID
DYNAMIC

AVAILABLE MODELS

BLX24A/B58-M19
BLX24A/B58-Q12
BLX24RA/B58-M19
BLX24RA/B58-Q12
BLX288A/B58-M19
BLX288A/B58-Q12



Optional Accessory:
5 Color ID Caps for
handheld transmitter



GUITAR

For guitar or bass.



WA 302

GUITAR CABLE

AVAILABLE MODELS

BLX14RA-M19
BLX14RA-Q12



INSTRUMENT

For brass, wind, and percussion instruments.



BETA 98H/C

CARDIOID | CONDENSER

AVAILABLE MODELS

BLX14A/B98-M19
BLX14A/B98-Q12
BLX14RA/B98-M19
BLX14RA/B98-Q12



HEADSET

For vocalists, presenters, aerobics instructors and drummers.



PGA 31

CARDIOID | CONDENSER

AVAILABLE MODELS

BLX14A/P31-M19
BLX14A/P31-Q12
BLX14RA/P31-M19
BLX14RA/P31-Q12



SM 31FH

CARDIOID | CONDENSER

AVAILABLE MODELS

BLX14A/SM31-M19
BLX14A/SM31-Q12
BLX14RA/SM31-M19
BLX14RA/SM31-Q12



SM 35

CARDIOID | CONDENSER

AVAILABLE MODELS

BLX14A/SM35-M19
BLX14A/SM35-Q12
BLX14RA/SM35-M19
BLX14RA/SM35-Q12



PRESENTER

For presenters, instructors, teachers and clergy.



CVL

CARDIOID | CONDENSER

AVAILABLE MODELS

BLX14A/CVL-M19
BLX14A/CVL-Q12
BLX14RA/CVL-M19
BLX14RA/CVL-Q12
BLX188A/CVL-M19
BLX188A/CVL-Q12
BLX1288A/CVL-M19
BLX1288A/CVL-Q12



WL 93

OMNIDIRECTIONAL
CONDENSER

AVAILABLE MODELS

BLX14A/W93-M19
BLX14A/W93-Q12
BLX14RA/W93-M19
BLX14RA/W93-Q12



WL 185

CARDIOID | CONDENSER

AVAILABLE MODELS

BLX14A/W85-M19
BLX14A/W85-Q12
BLX14RA/W85-M19
BLX14RA/W85-Q12



BLX[®] Wireless Systems

BLX2 HANDHELD SYSTEM OPTIONS

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

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

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

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

BLX1 BODYPACK SYSTEM OPTIONS

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

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

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

Available Frequencies:
694–703 MHz (M19 Band for Thailand) and 748–758 MHz (Q12 Band for Thailand)

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.

Operating Principle

 Dynamic  Condenser

Polar Pattern

 Cardioid  SuperCardioid  OmniDirectional

Frequency Response

 Flat  Tailored

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LEGENDARY
PERFORMANCE™

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