

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. Presicion built and available in a variety of handheld, lavalier, instrument and headset configurations, it's the most accessible way to own the stage.

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



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
- 91 m operating range (line of sight)



BLX2 Handheld Transmitter



BLX1 Bodypack Transmitter

Vocal



PG58

Vocal Microphone

A rugged mic tuned to accentuate the clarity of lead and backup vocals.



PG58

COMBO

2 Vocal Microphones

2 rugged mics tuned to accentuate the clarity of lead and backup vocals.



SM58

Vocal Microphone

Industry standard microphone tailored to deliver warm and clear vocal reproduction.

Lead Vocals
Backup Vocals



Model:
BLX24/PG58
BLX24R/PG58

60 Hz – 15 KHz

Lead Vocals
Backup Vocals



Model:
BLX288/PG58

60 Hz – 15 KHz

Lead Vocals
Backup Vocals



Model:
BLX24/SM58
BLX24R/SM58

50 Hz – 15 KHz



SM58

COMBO

2 Vocal Microphones

Industry standard microphone tailored to deliver warm and clear vocal reproduction.



BETA 58A

Vocal Microphone

Dynamic vocal microphone precision-engineered for professional sound reinforcement and project studio recording.



BETA 58A

COMBO

2 Vocal Microphones

Dynamic vocal microphone precision-engineered for professional sound reinforcement and project studio recording.

Lead Vocals
Backup Vocals



Model:
BLX288/SM58

50 Hz – 15 KHz

Lead Vocals
Backup Vocals



Model:
BLX24/B58
BLX24R/B58

50 Hz – 16 KHz

Lead Vocals
Backup Vocals



Model:
BLX288/B58

50 Hz – 16 KHz

Guitar



WA302

Guitar/Bass Cable

0,7 m Guitar/Bass Cable



WA302

COMBO

2 Guitar/Bass Cables

0,7 m Guitar/Bass Cable. 2 Bodypacks.

Guitar
Bass



Model:
BLX14



Guitar
Bass



Model:
BLX14



KEY

Operating Principle




Polar Pattern




Frequency Response




Presenter



CVL
Lavalier Microphone
Reliable wearable mic for spoken word applications.



CVL COMBO
2 Lavalier Microphones
2 reliable wearable mics for spoken word applications.




MX153
Subminiature Earset
Subminiature earset headworn microphone for use in speech and other applications requiring discreet placement.

Seminars Presentations

ANALOG ANALOG RACKABLE

Model: BLX14/CVL BLX14R/CVL

50 Hz – 20 KHz




Seminars Presentations

ANALOG DUAL

Model: BLX188/CVL

50 Hz – 20 KHz




Seminars Presentations

ANALOG ANALOG RACKABLE

Model: BLX14/MX53 BLX14R/MX53

20 Hz – 20 KHz



MX153 COMBO
Subminiature Earset
2 subminiature earset headworn microphones for use in speech and other applications requiring discreet placement.
2 bodypacks.

WL185
Lavalier Microphone
Premium condenser lavalier mic for speech applications.

WL185 COMBO
Lavalier Microphone
2 premium condenser lavalier mics for speech applications.
2 bodypacks.

Seminars Presentations

ANALOG DUAL

Model: BLX188/MX53

20 Hz – 20 KHz

Seminars Presentations

ANALOG ANALOG RACKABLE

Model: BLX14/W85 BLX14R/W85

50 Hz – 20 KHz


Seminars Presentations

ANALOG DUAL

Model: BLX188/W85

50 Hz – 20 KHz

Instrument



PGA98H
Instrument Microphone
Rugged microphone optimized for wind instrument performance and recording.



BETA 98H/C
Instrument Microphone
Cardioid condenser microphone with a flexible gooseneck mount that clamps directly to the bell or rim for precise positioning.

Brass Woodwind

ANALOG ANALOG RACKABLE

Model: BLX14/PGA98H BLX14R/PGA98H

60 Hz – 20 KHz


Brass Woodwind

ANALOG ANALOG RACKABLE


Model: BLX14/B98 BLX14R/B98

20 Hz – 20 KHz


Headset



PGA31
Headset Microphone
Comfortable, reliable headworn microphone for active users.



SM35
Headset Microphone
Rugged, comfortable headworn microphone for roadworthy high-quality live vocal performance applications.




SM35 COMBO
2 Headset Microphones
2 rugged, comfortable head-worn microphone for roadworthy high-quality live vocal performance applications.

Lead Vocals Backup Vocals

ANALOG

Model: GLXD14/PGA31

60 Hz – 20 KHz




Active Performers Multi-instrumentalists

ANALOG ANALOG RACKABLE

Model: BLX14/SM35 BLX14R/SM35

40 Hz – 20 KHz



Model: BLX188/SM35

40 Hz – 20 KHz

SM31FH
Fitness Headset Microphone
Rugged, comfortable microphone with increased moisture-resistance for active speech and fitness applications.

SM31FH COMBO
2 Fitness Headset Microphones
2 rugged, comfortable microphones with increased moisture-resistance for active speech and fitness applications.

Fitness Applications Aerobic Instructors

ANALOG ANALOG RACKABLE

Model: BLX14/SM31FH BLX14R/SM31FH

45 Hz – 20 KHz


Fitness Applications Aerobic Instructors

ANALOG DUAL


Model: BLX188/SM31FH

45 Hz – 20 KHz


Combo




WL185
Lavalier Microphone
Premium condenser lavalier mic for speech applications.




CVL
Lavalier Microphone
Reliable wearable mic for spoken word applications.




WA302
Guitar/Bass Cable
2,5 ft. / 0,7 m Guitar/Bass Cable.




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Vocal Microphone
Industry standard microphone tailored to deliver warm and clear vocal reproduction.




PG58
Vocal Microphone
A rugged mic tuned to accentuate the clarity of lead and backup vocals.




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Vocal Microphone
Industry standard microphone tailored to deliver warm and clear vocal reproduction.




MX153
Subminiature Earset
Subminiature earset headworn microphone for use in speech and other applications requiring discreet placement.




SM35
Headset Microphone
Rugged, comfortable headworn microphone for roadworthy high-quality live vocal performance applications.




SM31FH
Fitness Headset Microphone
Rugged, comfortable microphone with increased moisture-resistance for active speech and fitness applications.




SM58
Vocal Microphone
Industry standard microphone tailored to deliver warm and clear vocal reproduction.



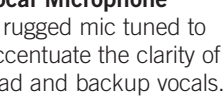
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SYSTEM OPTIONS AND TECHNICAL SPECIFICATIONS

BLX2 HANDHELD SYSTEM OPTIONS

Model	Includes	Model	Includes
BETA58A® 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	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
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		

BLX1 BODYPACK SYSTEM OPTIONS

Model	Includes	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	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
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	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
PGA98H INSTRUMENT 60Hz – 20kHz   	<ul style="list-style-type: none">• PGA98H Instrument Microphone• BLX1 Bodypack Transmitter with 2 AA Batteries (included)• BLX4, BLX4R OR BLX88 Wireless Receiver• Windscreen	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
BETA98C 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	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
MX153 PRESENTER 20Hz – 20kHz   	<ul style="list-style-type: none">• MX153 Earset Microphone• BLX1 Bodypack Transmitter with 2 AA Batteries (included)• BLX4R Wireless Receiver• Durable Padded Zipper Case• Collar Clip, Windscreen, and Protective Pouch		

Technical Specifications

Operating Range:
100 m (300 ft) 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)
(into 100kΩ load);
-13 dBV (1/4") *(into 100kΩ load)*

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

BLX4R: 12 – 18 V DC at 260 mA, supplied by external power supply

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