

PG SM BETA WIRELESS SYSTEMS





YOUR MICROPHONE. WIRELESS.

You already have your favorite Shure mic and now want it wireless? You always wished for a legendary Shure mic such as the SM58® but with digital wireless technology? You want to replace your wireless system with an original Shure system?

A wide choice of well-known and established microphones out of three different product lines now provides you with all you need. From vocal to instrument, from performance to presenting, from guitar to combined applications.

PG

The entry to professional Shure quality and reliability.

SM

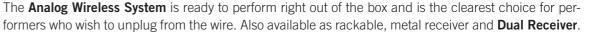
Industry-standard professional microphones for daily touring, club and studio performances.

BETA

Application-specific microphones engineered for reproduction of fine details in demanding acoustic environments.

ANALOG AND DIGITAL WIRELESS TECHNOLOGIES

Two wireless technologies cover the whole range of applications.



The **Digital Wireless System** offers best-in-class automatic frequency management and battery rechargeability. Providing seamless operation and exceptional digital audio clarity, it's the complete package designed for years of reliable performance. Guitarists will be pleased to learn there is a digital receiver with integrated tuner to mount on a guitar pedal board.

SHURE DIGITAL POWER MANAGEMENT

Digital Wireless Systems provide **Shure Digital Power Management** with multiple charging solutions. Custom lithium ion batteries provide up to 16 hours of continuous transmitter use. Being prepared for the show has never been simpler.





AUTOMATIC FREQUENCY MANAGEMENT

Digital Wireless Systems feature **LINKFREQ**, an Automatic Frequency Management, making it easy to rely on seamless, crystal-clear audio.

- The receiver continuously analyses the available frequency spectrum.
- The receiver and transmitter automatically link using the best set of available frequencies.
- If interference occurs, the receiver and transmitter intelligently move together to the best open frequencies, without ANY audio interruption.

It's that simple. No buttons to push or controls to adjust.



The entry to professional Shure quality and reliability.

PROFESSIONAL QUALITY WIRELESS MICROPHONES

The perfect introduction to Shure engineering excellence, PG Wireless Microphones provide a complete vocal, guitar, presenter, headset and combo selection and feature many of the same durability and performance attributes of other Shure microphones at an unbeatable price. PG Wireless Microphones come with an Analog Wireless Receiver that provides improved linearity and frequency response for up to 12 compatible channels per frequency range with group and channel scan for easy set-up.



Vocal









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

Lead Vocals Backup Vocals

BLX24/PG58 BLX24R/PG58

PG58





Backup Vocals BLX288/PG58

Lead Vocals

2 Vocal Microphones

2 rugged mics tuned to

accentuate the clarity of

lead and backup vocals.

Guitar







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



Cable.

Model:

BLX14



Bass



Model:

Presenter







PG185 Lavalier Microphone Reliable wearable mic for spoken word applications.

PG185 Combo 2 Lavalier Microphones 2 reliable wearable mics for spoken word applications.

Seminars **Presentations**

BLX14/PG85

BLX14R/PG85



BLX188/PG85

Seminars Presentations

2 bodypacks.

Headset





PG30 Headset Comfortable, reliable headworn mic for active users.

Lead Vocals Backup Vocals



BLX14/PG30



PG Wireless Systems
PG Wireless Components

Combo







PG185
Lavalier Microphone
Reliable wearable mic for spoken word applications.



PG30 Headset Comfortable, reliable headworn mic for active users.

Vocal Microphone

PG**58**

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

A rugged mic tuned to accentuate the clarity of accentuate the clarity of lead and backup vocals. lead and backup vocals. Model: BLX1288/PG85 Model: BLX1288/PG30

Wireless Components for PG





BLX4 and **BLX88** Diversity Receivers

- Up to 12 compatible systems (region dependent)
- Microprocessor-controlled internal antenna diversity
- One touch QuickScan locates the best open frequency
- ¼" and XLR audio outputs
- Two color audio status indicator LED







Additional BLX4R features

- Adjustable output level
- Removable antennas for quick antenna distribution
- LC display with detailed RF and audio metering
- Rackmount hardware included





BLX1 Bodypack Transmitter BLX2 Handheld Transmitter

- Power and battery status LED
- Adjustable gain control
- Quick and easy frequency matching
- AA batteries (included) provide up to 14 hours of continuous use
- 100 m (300 ft) operating range (line of sight)

SM Wireless Systems

Industry-standard professional microphones for daily touring, club and studio performances.

LEGENDARY WIRELESS MICROPHONES

standard in professional sound. They are built to withstand the rigors of regular stage and studio use. All microphones can be used with Analog or Digital Wireless Receivers.



The Analog Wireless System provides improved linearity and frequency response for up to 12 compatible channels per group with group and channel scan for easy set-up.



The **Digital Wireless System** combines automatic frequency management with true digital diversity for a rock-solid wireless signal with exceptional digital audio clarity. Shure proprietary Lithium-Ion rechargeable batteries provide up to 16 hours of continuous use.





Vocal









SM58® Combo

Industry standard microphone

tailored to deliver warm and

clear vocal reproduction.

2 Vocal Microphones





SM**58**®



SM86

DIGITAL Vocal Microphone

sponse microphone capsule for

smooth lead vocal reproduction.

Extended high frequency re-



SM**58**®

Vocal Microphone

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

Lead Vocals Backup Vocals

BLX24/SM58

BLX24R/SM58

Model:







GLXD24/SM58

DIGITAL Vocal Microphone

tailored to deliver warm and

clear vocal reproduction.

Industry standard microphone

Lead Vocals Backup Vocals

Model: GLXD24/SM86

Lead Vocals Backup Vocals

Model: BLX288/SM58



Guitar











Model: BLXR14

Presenter











Seminars

Presentations

BLX14/MX53

BLX14R/MX53



MX153 Combo

Subminiature Earset 2 subminiature earset head-

Model:

BLX188/MX53

worn microphones for use in speech and other applications requiring discreet placement. 2 bodypacks.







Subminiature earset headworn microphone for use in speech

MX153

and other applications requiring discreet placement.

DIGITAL Subminiature Earset

Seminars **Presentations**



GLXD14/MX53











Presenter











WL185 **Lavalier Microphone** Premium condenser lavalier

mic for speech applications.



WL185 Combo

mics for speech applications.

Lavalier Microphone

WL185 2 premium condenser lavalier

DIGITAL Lavalier Microphone Premium condenser lavalier mic for speech applications.



WL93 (UK only) **DIGITAL** Lavalier Microphone Omnidirectional miniature lavalier condenser microphone providing a full clear sound.







2 bodypacks.

BLX188/W85





Seminars









Broadcast Sound Reinforcement

Combo

Seminars

Presentations

BLX14/W85

BLX14R/W85













WL185 Lavalier Microphone

Premium condenser lavalier mic for speech applications.



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



MX153 Subminiature Earset

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



Vocal Microphone

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

SM**58**®

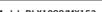
Vocal Microphone

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

SM**58**®

Vocal Microphone

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





Wireless Components for SM







GLXD1 Digital Bodypack Transmitter

GLXD2 Digital Handheld Transmitter

- Automatically links with GLX-D wireless receivers for seamless frequency changing and any necessary gain adjustment
- Up to 16 hours of continuous use with Shure proprietary Lithium-Ion rechargeable batteries
- Up to 60 m (200 ft.) transmission radius
- Lightweight and rugged construction (GLXD2)
- All-metal construction (GLXD1 only)





GLXD4 Digital Wireless Receiver

- Proprietary Automatic Frequency Management intelligent frequency management quickly identifies the best open channels
- 2.4 GHz frequency band allows operation of up to 8 compatible systems (depending on operation mode)
- High-resolution LCD screen
- Real-time battery run-time displayed in hours and minutes (accurate within +/- 15 minutes)
- Remote adjustable transmitter gain control
- Integrated battery charge port for proprietary Shure Lithium-Ion transmitter batteries
- XLR and 1/4" output connectors
- Lightweight, durable construction





BLX4 and **BLX88** Diversity Receivers

- Up to 12 compatible systems (region dependent)
- Microprocessor-controlled internal antenna diversity One touch QuickScan locates the best open frequency
- 1/4" and XLR audio outputs
 - Two color audio status indicator LED



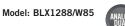




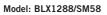
Additional BLX4R features

- Adjustable output level
- Removable antennas for quick antenna distribution
- LC display with detailed RF and audio metering
- Rackmount hardware included



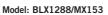














Beta Wireless Systems

Application-specific microphones engineered for reproduction of fine details in demanding acoustic environments.

PRECISION-CRAFTED WIRELESS MICROPHONES

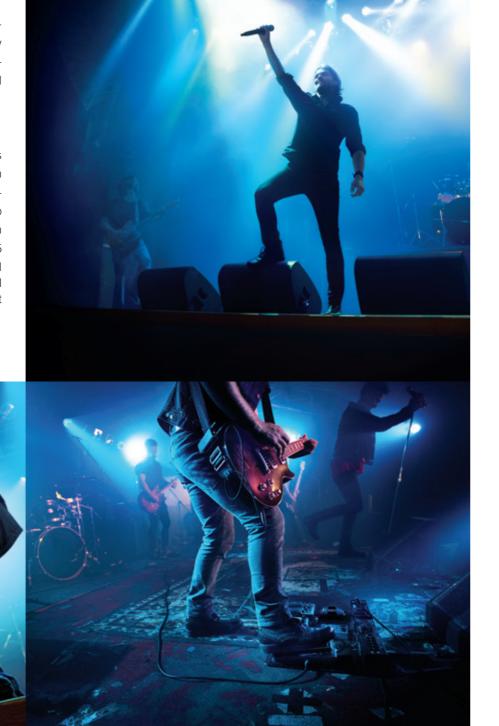
Consistently excellent performance has made Beta Wireless Microphones the choice of top performers worldwide. Renowned for their warmth, presence and sensitivity to fine detail, they feature maximum isolation and minimum off-axis coloration. Vocal and instrument microphones can be used with Analog or Digital Wireless Receivers.



The Analog Wireless System provides improved linearity and frequency response for up to 12 compatible channels per group with group and channel scan for easy set-up.



The **Digital Wireless System** combines automatic frequency management with true digital diversity for a rock-solid wireless signal with exceptional digital audio clarity. Shure proprietary Lithium-Ion rechargeable batteries provide up to 16 hours of continuous use. Guitarists will be pleased to learn there is a digital receiver with integrated tuner to mount on a guitar pedal board.



Vocal





BETA **58A Combo**

2 Vocal Microphones

Dynamic vocal microphone

precision-engineered for

reinforcement and project

professional sound

studio recording.











BETA 58A

professional sound

studio recording.

Lead Vocals

Backup Vocals

Guitar

DIGITAL Vocal Microphone

Dynamic vocal microphone

precision-engineered for

reinforcement and project





Vocal Microphone

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

Lead Vocals Backup Vocals

BLX24/B58

BLX24R/B58



Lead Vocals Backup Vocals

BLX288/B58

50 Hz - 16 KHz

Model: GLXD24/B58 50 Hz – 16 KHz **Lead Vocals Backup Vocals**

BETA **87A**

accurate sound.

DIGITAL Vocal Microphone

tailored response for warm,

Supercardioid condenser vocal

microphone offering a smooth,

50 Hz – 16 KHz

GLXD24/B87A

Instrument











BETA **98H/C Instrument Microphone**

Brass

Model:

BLX14/B98

Cardioid condenser microphone with a flexible gooseneck mount that clamps directly to the bell or rim for precise positioning.



BETA 98H/C **DIGITAL** Instrument Microphone

Cardioid condenser microphone with a flexible gooseneck mount that clamps directly to the bell or rim for precise positioning.

Model: GLXD14/B98



20 Hz – 20 KHz Model: GLXD14

Guitar

Bass



WA**302 DIGITAL Guitar/Bass Cable** 2,5 ft. / 0,7 m Guitar/Bass



WA305 DIGITAL Guitar/Bass Cable 2.5 ft. / 0.7 m Guitar/Bass Cable with threaded TQG. With GLXD6 digital wireless receiver in pedal

Guitai Bass

Model: GLXD16

form factor.

Cardioid Omnidirectional

Beta Wireless Systems

Beta Wireless Components

Wireless Components for Beta





GLXD4 Digital Wireless Receiver

- Proprietary Automatic Frequency Management
 intelligent frequency management quickly
 identifies the best open channels
- 2.4 GHz frequency band allows operation of up to 8 compatible systems (depending on operation mode)
- High-resolution LCD screen
- Real-time battery run-time displayed in hours and minutes (accurate within +/- 15 minutes)
- Remote adjustable transmitter gain control
- Integrated battery charge port for proprietary Shure Lithium-Ion transmitter batteries
- XLR and 1/4" output connectors
- Lightweight, durable construction



BLX4 and **BLX88** Diversity Receivers

- Up to 12 compatible systems (region dependent)
- Microprocessor-controlled internal antenna diversity
- One touch QuickScan locates the best open frequency
- ¼" and XLR audio outputs
- Two color audio status indicator LED



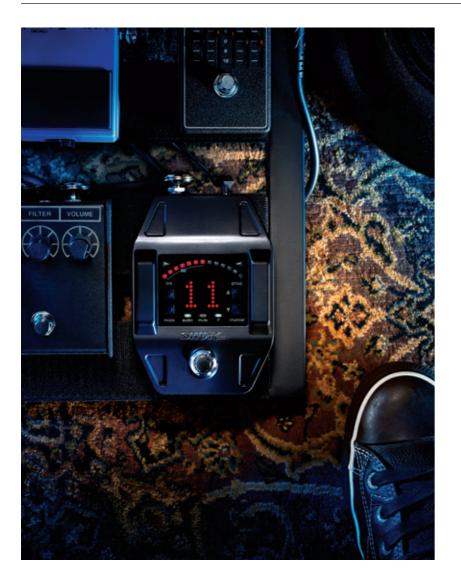






Additional BLX4R features

- Adjustable output level
- Removable antennas for quick antenna distribution
- LC display with detailed RF and audio metering
- Rackmount hardware included





GLXD6 Digital Wireless Pedal Receiver

- Proprietary Automatic Frequency Management
- Intelligent frequency management quickly identifies the best open channels.
- 2.4 GHz frequency band allows operation of up to 8 compatible systems (depending on operation mode)
- Guitar pedal form factor for easy mounting on / powering from pedal boards
- Strobe and meter tuning options tune while mute or live
- Highly visible LED display
- Rugged metal chassis design





GLXD1 Digital Bodypack Transmitter GLXD2 Digital Handheld Transmitter

- Automatically links with GLX-D wireless receivers for seamless frequency changing and any necessary gain adjustment
- Up to 16 hours of continuous use with Shure proprietary Lithium-Ion rechargeable batteries
- Up to 60 m (200 ft.) transmission radius
- Lightweight and rugged construction (GLXD2)
- All-metal construction (GLXD1 only)
- Two-color transmitter status indicator LED



Shure Digital Power Management

Technical Specifications

SHURE DIGITAL POWER MANAGEMENT

BATTERY POWER THAT'S SMART, FLEXIBLE, AND SUSTAINABLE.

GLX-D transmitters feature best-in-class Lithium-Ion batteries that quickly recharge using the charging port on the receiver or a variety of optional USB connectors. Staying ready for the show has never been easier.





More performing, less recharging. Get up to 16 hours of use from a single full charge.



Ready to go when time is tight. Connect for a 15-minute quick charge and count on up to 1.5 hours of performance.



An accurate pulse on battery life.

Precision metering displays in hours and minutes on the GLXD4 receiver's LCD screen.



The power to waste less.

Each rechargeable battery delivers up to 10.000 hours of regular use, the equivalent of up to 2.500 disposable alkaline batteries.

Charge battery in transmitter with:



USB charging cable



USBUSwall chargercar(available separately)(av



USB car charger (available separately)



Charge battery separately with:

GLXD4 integrated charge port



USB battery dock charger (available separately)

BLX ANALOG WIRFLESS

Operating Range:

91 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), -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) to +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.

GLXD DIGITAL WIRELESS

Operating Range:

60 m (200 ft) line of sight (actual range depends on RF signal absorption, reflection and interference)

Frequency Band:

ISM 2.400 – 2.483,5 MHz

Audio Range:

20 – 20.000 Hz (dependent on microphone type)

Transmitter RF Output Power:

10 mW E.I.R.P. maximum (varies by region)

Audio Output Connector:

XLR and 1/4" (6,3 mm) unbalanced

Maximum Output Level:

O dBV (XLR/line), +8.5 dBV (1/4")

Battery Life:

Up to 16 hours

Dynamic Range:

120 dB A-weighted

System Distortion:

0,2% THD typical (ref. +/- 38 kHz deviation, 1 kHz tone)

Operating Temperature Range:

-18°C (0°F) to +57°C (135°F)

Note: Battery characteristics may limit this range.

Power Requirements:

GLXD1, GLXD2: 3,7 V

custom rechargeable lithium-ion battery

GLXD4: 14 - 18 V DC at 550 mA, supplied by external power supply

GLXD6: 9 – 15 V DC at 250 mA, 400 mA max. supplied by external power supply Compatible with positive tip or negative tip power supplies

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



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