

**SHURE**<sup>®</sup>  
LEGENDARY  
PERFORMANCE™

PGX Wireless

**UNPLUGGED.  
UNCOMPROMISING.**

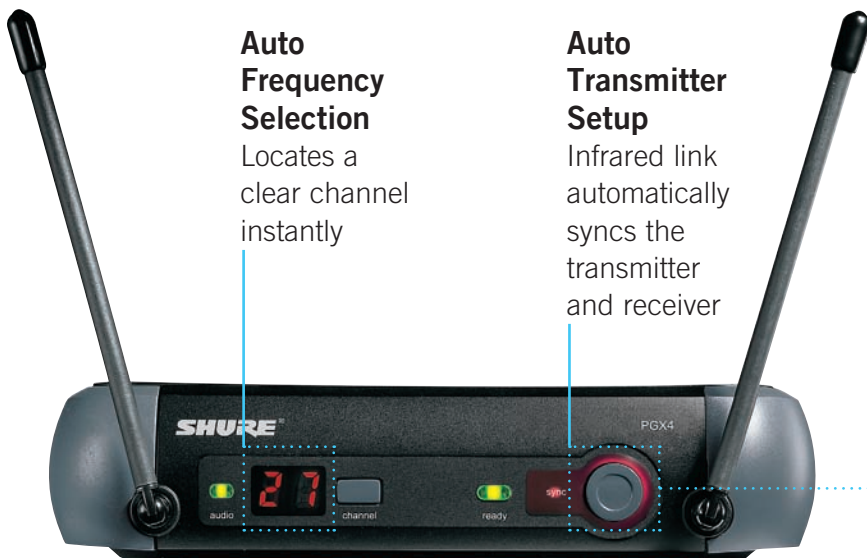


# REMARKABLE TECHNOLOGY. REMARKABLY SIMPLE.

PGX Wireless systems are the best-sounding, easiest-to-use advanced wireless systems ever. Combining uncompromising wireless technology, quick and easy setup, and legendary Shure microphones in eight different systems, PGX Wireless provides superior live sound and worry-free performance every time.



**Shure's patented Audio Reference Companding**  
Delivers crystal-clear audio transmission, far superior to conventional wireless technology.



**Auto Frequency Selection**

Locates a clear channel instantly

**Auto Transmitter Setup**

Infrared link automatically syncs the transmitter and receiver



**PGX2 Handheld or PGX1 Bodypack Transmitter**

- Power, mute and battery status LEDs
- Power and mute switch
- 2 AA batteries (included) provide 8 hours of continuous use
- 100m (300 ft.) operating range

**PGX4 Wireless Receiver**

- Microprocessor controlled diversity
- Up to 12 compatible systems
- ¼" and XLR audio outputs

## Vocal



### PG58

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



### SM58<sup>®</sup>

The legendary Shure vocal mic designed for superior vocal clarity and warmth. Consistently the first choice of performers around the globe.



### SM86

An award-winning condenser mic that features a tailored frequency response for studio quality reproduction of vocals.



### Beta 58A<sup>®</sup>

A top choice among vocalists for its smooth extended frequency response. Provides maximum isolation from other onstage sounds.



60 Hz – 15 kHz



50 Hz – 15 kHz



50 Hz – 16 kHz



50 Hz – 16 kHz

## Headworn

## Instrument

## Guitar/Bass

## Lavalier



### PG30

Comfortable, reliable headworn mic for active users.



### Beta 98H/C<sup>™</sup>

A versatile solution for high volume wind, brass or percussion. Gooseneck with clip-on clamp for secure fit and positioning.



### WA302

2 ft. (.6m) instrument cable for connecting the bodypack to a guitar or bass. ¼" – 4-pin mini connector



### WL185

Premium condenser lavalier mic for speech applications.



### WL93

Miniature lavalier mic provides full, clear sound.



40 Hz – 20 kHz



20 Hz – 20 kHz



50 Hz – 20 kHz



50 Hz – 20 kHz

### Key:

#### Operating Principle

Dynamic Condenser

#### Polar Pattern

Omnidirectional Cardioid Supercardioid

#### Frequency Response

Flat Tailored

## PGX Handheld Systems



**PG58 Vocal System**  
Rugged, versatile vocal mic ideal for everyday use and practice.

**Lead Vocals**  
**Backup Vocals**

**PG58** Handheld Mic  
PGX4 Diversity Receiver



**SM58<sup>®</sup> Vocal System**  
Legendary live performance mic featuring superior clarity and warmth.

**Lead Vocals**  
**Backup Vocals**

**SM58<sup>®</sup>** Handheld Mic  
PGX4 Diversity Receiver



**SM86 Vocal System**  
Award-winning condenser mic that delivers studio quality sound on tour.

**Lead Vocals**  
**Backup Vocals**

**SM86** Handheld Mic  
PGX4 Diversity Receiver



**Beta 58<sup>®</sup> Vocal System**  
Premium live performance mic reveals fine details in demanding environments.

**Lead Vocals**  
**Backup Vocals**

**Beta 58<sup>®</sup>** Handheld Mic  
PGX4 Diversity Receiver

UHF

## PGX Bodypack Systems



**Headworn System**  
Comfortable, reliable headworn mic for active users.

**Aerobics Instructors**  
**Drummers**  
**Disc Jockeys**

**Presenters**  
**Vocals**

**PG30** Headset Mic  
PGX1 Bodypack Transmitter  
PGX4 Diversity Receiver



**Instrument System**  
Convenient, versatile mic for instrument applications.

**Saxophone**  
**Trumpet**  
**Woodwinds**

**Brass**  
**Strings**  
**Percussion**

**Beta 98H/C<sup>™</sup>** Clip-on  
Instrument Mic  
PGX1 Bodypack Transmitter  
PGX4 Diversity Receiver



**Guitar System**  
Rugged guitar system provides clear audio across models and playing styles.

**Guitar**  
**Bass**

**WA302** Instrument Cable  
PGX1 Bodypack Transmitter  
PGX4 Diversity Receiver



**Lavalier System**  
Reliable wearable mic for spoken word applications.

**Instructors**  
**Teachers**

**Ministers**  
**Presenters**

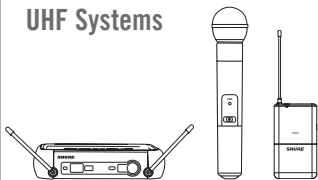
**WL185** Lavalier Mic OR  
**WL93** Lavalier Mic  
PGX1 Bodypack Transmitter  
PGX4 Diversity Receiver

UHF

## Technical Specifications

Note: All specifications are subject to change.

### PGX Wireless UHF Systems



- **Available Frequencies:** between 524 - 865 MHz (available frequencies depend on applicable regulations in country where system used)
- **Operating Range:** 300 ft. (100m) under typical conditions
- **Audio Frequency Response:** 45 to 15,000 Hz +/- 2 dB (overall system frequency response depends on microphone element)
- **Transmitter RF Output Power:** 30 mW maximum
- **Audio Output Connector:** XLR balanced and 1/4" unbalanced
- **Maximum Output Level:** -9 dBV (XLR, mic level), -5 dBV (1/4")

- **Battery Life:** up to 8 hours with 2 AA (alkaline) batteries
- **Dynamic Range:** 100 dB A-weighted
- **System Distortion:** 0.5% THD typical (ref. +/- 38 kHz deviation, 1 kHz tone)



**Carrying case**  
included in every system

**SHURE<sup>®</sup>**

LEGENDARY  
PERFORMANCE™

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