

SHURE[®]
LEGENDARY
PERFORMANCE™

PGX Digital Wireless Systems

**PURE DIGITAL SOUND,
UNLEASHED.**



PGX Digital Wireless Systems

TOTAL CLARITY. ROCK-SOLID RELIABILITY.

The precision of 24-bit digital audio comes to the proven Shure PGX Wireless System. Combining rugged, trusted Shure microphones with state of the art digital wireless technology, PGX Digital delivers stunning sound and a strong, clean RF signal. Add in easy setup and operation, and the result is wireless audio that completely redefines clarity, simplicity and performance.



EACH SYSTEM INCLUDES:

PGXD4 Wireless Receiver

- 24-bit/48kHz digital technology for incredibly accurate sound
- Scan and sync quickly and easily sets up the system with a clear channel
- True digital diversity for a rock-solid wireless signal
- 900 MHz operation free from TV signal interference
- Up to 5 compatible systems per frequency band (region dependent)
- 1/4" and XLR audio outputs

PGXD2 Handheld [OR] PGXD1 Bodypack Transmitter

- Shure microphones trusted by musicians for over 80 years
- Rugged construction for reliable performance
- Up to 10 hours of continuous use from 2 AA batteries (9 hours PGXD2)
- Up to 200 ft (60 m) range for total wireless freedom

PGXD2 HANDHELD OPTIONS:

VOCAL

For lead and backup vocals.



SM58®
CARDIOID | DYNAMIC
Industry-standard microphone tailored to deliver warm and clear vocal reproduction



BETA58A®
SUPERCARDIOID | DYNAMIC
Precision-engineered microphone optimized for lead vocal applications



PG58
CARDIOID | DYNAMIC
Professional quality microphone for lead and backup vocal performance applications



SM86
CARDIOID | CONDENSER
Rugged microphone with extended high frequency response for smooth reproduction of lead vocals

*BETA87A Supercardioid Condenser Microphone is also available (Australia only)

PGXD1 BODYPACK TRANSMITTER OPTIONS:

INSTRUMENT

For guitar, bass, wind, and percussion instruments.



WA302
Instrument cable to connect transmitter to a guitar or bass



BETA98H/C
CARDIOID | CONDENSER
Precision-engineered miniature microphone with integrated gooseneck

HEADSET

For vocalists, presenters, aerobics instructors and drummers.



PG30
CARDIOID | CONDENSER
Professional quality headset microphone with comfortable, adjustable, secure fit

PRESENTER

For presenters, instructors, teachers and clergy.



WL93
OMNIDIRECTIONAL | CONDENSER
Subminiature lavalier microphone with tie clip and windscreen



WL185
CARDIOID | CONDENSER
Lavalier microphone with tie clip and windscreen

Technical Specifications

PGXD2 HANDHELD OPTIONS:

Model	Includes
BETA58A[®] VOCAL	<ul style="list-style-type: none"> BETA58A Handheld Microphone with PGXD2 Transmitter PGXD4 Wireless Receiver Padded Carrying Case Microphone Clip 2 AA Batteries

50Hz – 16kHz



BETA87A VOCAL <i>(Available only in Australia)</i>	<ul style="list-style-type: none"> BETA87A Handheld Microphone with PGXD2 Transmitter PGXD4 Wireless Receiver Padded Carrying Case Microphone Clip 2 AA Batteries
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50Hz – 16kHz



SM58[®] VOCAL	<ul style="list-style-type: none"> SM58 Handheld Microphone with PGXD2 Transmitter PGXD4 Wireless Receiver Padded Carrying Case Microphone Clip 2 AA Batteries
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50Hz – 15kHz



SM86 VOCAL	<ul style="list-style-type: none"> SM86 Handheld Microphone with PGXD2 Transmitter PGXD4 Wireless Receiver Padded Carrying Case Microphone Clip 2 AA Batteries
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50Hz – 16kHz



PG58 VOCAL	<ul style="list-style-type: none"> PG58 Handheld Microphone with PGXD2 Transmitter PGXD4 Wireless Receiver Padded Carrying Case Microphone Clip 2 AA Batteries
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60Hz – 15kHz



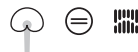
PGXD1 BODYPACK TRANSMITTER OPTIONS:

Model	Includes
WA302 INSTRUMENT	<ul style="list-style-type: none"> WA302 Instrument Cable PGXD1 Bodypack Transmitter PGXD4 Wireless Receiver Padded Carrying Case 2 AA Batteries



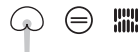
BETA98H/C INSTRUMENT	<ul style="list-style-type: none"> BETA98H/C Clip-on Instrument Microphone PGXD1 Bodypack Transmitter PGXD4 Wireless Receiver Padded Carrying Case 2 AA Batteries
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20Hz – 20kHz



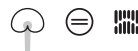
PG30 HEADSET	<ul style="list-style-type: none"> PG30 Headset Microphone PGXD1 Bodypack Transmitter PGXD4 Wireless Receiver Padded Carrying Case 2 AA Batteries
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40Hz – 20kHz



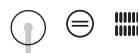
WL185 PRESENTER	<ul style="list-style-type: none"> WL185 Lavalier Microphone PGXD1 Bodypack Transmitter PGXD4 Wireless Receiver Padded Carrying Case Tie Clip Windscreen 2 AA Batteries
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50Hz – 20kHz



WL93 PRESENTER	<ul style="list-style-type: none"> WL93 Subminiature Lavalier Microphone PGXD1 Bodypack Transmitter PGXD4 Wireless Receiver Padded Carrying Case Tie Clip Windscreen 2 AA Batteries
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50Hz – 20kHz



TECHNICAL SPECIFICATIONS:

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

RF Carrier Range:
X8: 902–928 MHz (Americas)
X8A: 915–928 MHz (Australia)
X8B: 902–907.5 MHz, 915–928 MHz (Brazil)

Audio Frequency Range:
20–20,000 Hz
(dependent on microphone type)

Transmitter RF Output Power:
10 mW
(varies by region)

Audio Output Connector:
XLR and 1/4" (6.3 mm) unbalanced

Maximum Output Level:
-2.5 dBV (XLR, mic level), +10 dBV (1/4")

Battery Life:
PGXD1: Up to 10 hours
PGXD2: Up to 9 hours

Dynamic Range:
108 dB A-weighted

System Distortion:
< 0.02% THD typical
(ref. +/- 38 kHz deviation, 1 kHz tone)

Operating Temperature Range:
-18°C (0°F) – +50°C (122°F)

Power Requirements:
PGXD1, PGXD2: 2 AA size alkaline or rechargeable batteries
PGXD4: 12–18 V DC at 150 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

SHURE[®]
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