

Wireless Receivers



GLXD4 Wireless Receiver

- LINKFREQ Automatic Frequency Management (2.4 GHz frequency band)
- Intelligent frequency management quickly identifies the best open frequencies
- Continuous interference monitoring avoids signal interruption by automatically switching frequencies
- Integrated transmitter battery charging station
- Operate up to 4 compatible systems in typical setting, up to 8 maximum under ideal conditions
- Hi-res LCD screen status display including battery run-time in hours/minutes
- Durable, lightweight construction



GLXD6 Wireless Guitar Pedal Tuner & Receiver

- Guitar pedal design for flexible use and foot control
- Integrated tuner (strobe and needle)
- LINKFREQ Automatic Frequency Management (2.4 GHz frequency band)
- Intelligent frequency management quickly identifies the best open frequencies
- Continuous interference monitoring avoids signal interruption by automatically switching frequencies
- Operate up to 4 compatible systems in typical setting, up to 8 maximum under ideal conditions
- Rugged metal construction

Wireless Transmitters



GLXD2 Handheld Transmitter

- Automatically links to GLXD4 receiver
- Legendary Shure microphone options including the industry-standard SM58®, SM86, Beta 58A® and Beta 87A
- Operating Range
 - Indoors: Up to 100 feet (30 m) typical, with a maximum of 200 feet (60 m) under ideal conditions
 - Outdoors: Up to 65 feet (20 m) typical, with a maximum of 165 feet (50 m) under ideal conditions
- Continuous rechargeable use up to 16 hours
- Sophisticated design with durable, lightweight construction



GLXD1 Bodypack Transmitter

- Automatically links to GLXD4 or GLXD6 receiver
- Operating Range
 - Indoors: Up to 100 feet (30 m) typical, with a maximum of 200 feet (60 m) under ideal conditions
 - Outdoors: Up to 65 feet (20 m) typical, with a maximum of 165 feet (50 m) under ideal conditions
- Continuous rechargeable use up to 16 hours
- Sophisticated design with rugged metal construction

VOCAL

For lead and backup vocals.



SM58®
CARDIOID | DYNAMIC

Industry-standard microphone capsule tailored to deliver warm, clear vocal reproduction



SM86
CARDIOID | CONDENSER

Extended high frequency response microphone capsule for smooth lead vocal reproduction



BETA 58A®
SUPERCARDIOID DYNAMIC

Precision-engineered microphone capsule optimized for lead vocal applications



BETA 87A
SUPERCARDIOID CONDENSER

Precision-engineered microphone capsule tailored for warm, accurate sound and maximum sound isolation



GUITAR

For guitar or bass.



WA302
GUITAR CABLE

1/4"-to-TA4F instrument cable to connect transmitter to a guitar or bass



WA305
PREMIUM GUITAR CABLE

1/4"-to-TA4F with locking thread instrument cable to connect transmitter to a guitar or bass



BETA 98H/C
CARDIOID | CONDENSER

Precision-crafted, flexible gooseneck instrument microphone for brass, woodwind, and percussion applications



PRESENTER

For presenters, instructors, teachers and clergy.



WL93
OMNIDIRECTIONAL CONDENSER

Miniature wearable microphone for spoken word applications



WL185
CARDIOID | CONDENSER

Premium wearable microphone optimized for spoken word applications




HEADSET

For vocalists, presenters, aerobics instructors and drummers.




PGA31
CARDIOID | CONDENSER

Comfortable, durable head-worn microphone for active performance applications



SM35
CARDIOID | CONDENSER

Rugged, comfortable head-worn microphone for roadworthy, high-quality live vocal performance applications



SM31FH*
CARDIOID | CONDENSER







Rugged, comfortable head-worn microphone for roadworthy, high-quality live vocal performance applications









*Available in select regions.











GLX-D® Digital Wireless Systems











GLXD2 HANDHELD SYSTEM OPTIONS

Model	Includes
SM58® VOCAL	<ul style="list-style-type: none"> • SM58® Handheld Microphone with GLXD2 Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Break-resistant Microphone Clip • SB902 Lithium-ion Battery • USB Charging Cable
50Hz – 15kHz	  
BETA 58A® VOCAL	<ul style="list-style-type: none"> • BETA 58A® Handheld Microphone with GLXD2 Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Break-resistant Microphone Clip • SB902 Lithium-ion Battery • USB Charging Cable
50Hz – 16kHz	  



Model	Includes
SM86 VOCAL	<ul style="list-style-type: none"> • SM86 Handheld Microphone with GLXD2 Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Break-resistant Microphone Clip • SB902 Lithium-ion Battery • USB Charging Cable
50Hz – 18kHz	  
BETA 87A VOCAL	<ul style="list-style-type: none"> • BETA 87A Wireless Microphone with GLXD2 Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Break-resistant Microphone Clip • SB902 Lithium-ion Battery • USB Charging Cable
50Hz – 20kHz	  

GLXD1 BODYPACK SYSTEM OPTIONS

Model	Includes
WA302 GUITAR	<ul style="list-style-type: none"> • WA302 Guitar Cable • GLXD1 Bodypack Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • SB902 Lithium-ion Battery • USB Charging Cable
	
SM35 HEADSET	<ul style="list-style-type: none"> • SM35 Headset Microphone • GLXD1 Bodypack Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Windscreen • SB902 Lithium-ion Battery • USB Charging Cable
40Hz – 20kHz	  
WL93 PRESENTER	<ul style="list-style-type: none"> • WL93 Lavalier Microphone • GLXD1 Bodypack Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Tie Clip and Windscreen • SB902 Lithium-ion Battery • USB Charging Cable
50Hz – 20kHz	  
BETA 98H/C INSTRUMENT	<ul style="list-style-type: none"> • BETA 98H/C Instrument Microphone • GLXD1 Bodypack Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • SB902 Lithium-ion Battery • USB Charging Cable
20Hz – 20kHz	  

Model	Includes
WA305 GUITAR PEDAL	<ul style="list-style-type: none"> • WA305 Premium Guitar Cable • GLXD1 Bodypack Transmitter • GLXD6 Wireless Guitar Pedal Tuner and Receiver • SB902 Lithium-ion Battery • USB Charging Cable
	
SM31FH HEADSET	<ul style="list-style-type: none"> • SM31FH Headset Microphone • GLXD1 Bodypack Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Windscreen • SB902 Lithium-ion Battery • USB Charging Cable
40Hz – 20kHz	  
PGA31 HEADSET	<ul style="list-style-type: none"> • PGA31 Headset Microphone • GLXD1 Bodypack Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Windscreen • SB902 Lithium-ion Battery • USB Charging Cable
100Hz – 20kHz	  
WL185 PRESENTER	<ul style="list-style-type: none"> • WL185 Lavalier Microphone • GLXD1 Bodypack Transmitter • GLXD4 Wireless Receiver • Durable Padded Zipper Case • Tie Clip and Windscreen • SB902 Lithium-ion Battery • USB Charging Cable
50Hz – 20kHz	  

Operating Principle

 Dynamic  Condenser

Polar Pattern

 Cardioid  SuperCardioid  OmniDirectional

Frequency Response

 Flat  Tailored

TECHNICAL SPECIFICATIONS

Operating Range:

Indoors: Up to 100 feet (30 m) typical, with a maximum of 200 feet (60 m) under ideal conditions

Outdoors: Up to 65 feet (20 m) typical, with a maximum of 165 feet (50 m) under ideal conditions

(actual range depends on RF signal absorption, reflection and interference)

Frequency Band:

ISM 2400–2483.5 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:

0 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, supplied by external power supply

(also compatible with standard pedal board power supplies)

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

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