

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

GLX-D Wireless Systems

**WIRELESS INTELLIGENCE TAKES THE STAGE.**





## EXCEPTIONAL DIGITAL CLARITY MEETS SEAMLESS OPERATION.

Shure GLX-D Wireless Systems marry nine decades of legendary performance with groundbreaking, intelligent wireless technologies to capture every moment with effortless accuracy.

Built to handle the rigors of any stage, and available in a variety of configurations, it's a revolution in wireless freedom.



# CLEARLY A DIFFERENT KIND OF WIRELESS.

It's live audio at a whole new level: Shure GLX-D Wireless Systems feature intelligent technology and smart power options that put reliable, professional-caliber digital sound in the hands of performers everywhere.

## LINKFREQ Automatic Frequency Management THE INTELLIGENT CONNECTION THAT NEVER MISSES A BEAT.

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

Here's how:

1

Power up receiver and transmitter

2

The receiver continuously analyzes the available frequency spectrum

3

The receiver and transmitter automatically link using the best set of available frequencies.

4

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.

## GLX-D Rechargeable 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 simpler.



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—not cryptic bars—on the 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  
charge cable



USB  
wall charger  
(available separately)



USB  
car charger  
(available separately)



GLXD4 integrated  
charge port



USB battery  
dock charger  
(available separately)



## Wireless Receivers



### GLXD4 Wireless Receiver

- LINKFREQ Automatic Frequency Management
- 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 8 compatible systems in 2.4 GHz frequency band
- 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
- Intelligent frequency management quickly identifies the best open frequencies
- Continuous interference monitoring avoids signal interruption by automatically switching frequencies
- Operate up to 8 compatible systems in 2.4 GHz frequency band
- 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
- Up to 200 feet (60m) operating range (line of sight)
- Continuous rechargeable use up to 16 hours
- Sophisticated design with durable, lightweight construction



### GLXD1 Bodypack Transmitter

- Automatically links to GLXD4 or GLXD6 receiver
- Up to 200 feet (60m) operating range (line of sight)
- 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

XLR-to-TQG instrument cable to connect transmitter to a guitar or bass



### WA305

PREMIUM GUITAR CABLE

XLR-to-TQG with locking thread instrument cable to connect transmitter to a guitar or bass



## INSTRUMENT

For brass, wind, and percussion instruments.



### 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.



### PG30




CARDIOID | CONDENSER




Comfortable, durable head-worn microphone for active performance applications








# GLX-D Wireless Systems

## GLXD2 HANDHELD SYSTEM OPTIONS

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

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

Model	Includes
<b>SM86</b> VOCAL	<ul style="list-style-type: none"> <li>SM86 Handheld Microphone with GLXD2 Transmitter</li> <li>GLXD4 Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Break-resistant Microphone Clip</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
50Hz – 16kHz	  

Model	Includes
<b>BETA 87A</b> VOCAL	<ul style="list-style-type: none"> <li>BETA 87A Wireless Microphone with GLXD2 Transmitter</li> <li>GLXD4 Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Break-resistant Microphone Clip</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
50Hz – 16kHz	  

## TECHNICAL SPECIFICATIONS

**Operating Range:**  
200 ft (60 m) line of sight  
*(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.*

## GLXD1 BODYPACK SYSTEM OPTIONS




Model	Includes
<b>WA302</b> GUITAR	<ul style="list-style-type: none"> <li>WA302 Guitar Cable</li> <li>GLXD1 Bodypack Transmitter</li> <li>GLXD4 Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
	

Model	Includes
<b>BETA 98H/C</b> INSTRUMENT	<ul style="list-style-type: none"> <li>BETA 98H/C Instrument Microphone</li> <li>GLXD1 Bodypack Transmitter</li> <li>GLXD4 Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
20Hz – 20kHz	  



Model	Includes
<b>WL93</b> PRESENTER	<ul style="list-style-type: none"> <li>WL93 Lavalier Microphone</li> <li>GLXD1 Bodypack Transmitter</li> <li>GLXD4 Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Tie Clip and Windscreen</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
50Hz – 20kHz	  

Model	Includes
<b>WA305</b> GUITAR PEDAL	<ul style="list-style-type: none"> <li>WA305 Premium Guitar Cable</li> <li>GLXD1 Bodypack Transmitter</li> <li>GLXD6 Wireless Guitar Pedal Tuner and Receiver</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
	




Model	Includes
<b>PG30</b> HEADSET	<ul style="list-style-type: none"> <li>PG30 Headset Microphone</li> <li>GLXD1 Bodypack Transmitter</li> <li>GLXD4 Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Windscreen</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
40Hz – 20kHz	  

Model	Includes
<b>WL185</b> PRESENTER	<ul style="list-style-type: none"> <li>WL185 Lavalier Microphone</li> <li>GLXD1 Bodypack Transmitter</li> <li>GLXD4 Wireless Receiver</li> <li>Durable Padded Zipper Case</li> <li>Tie Clip and Windscreen</li> <li>SB902 Lithium-ion Battery</li> <li>USB Charging Cable</li> </ul>
50Hz – 20kHz	  

### Operating Principle

 Dynamic  Condenser

### Polar Pattern

 Cardioid  Supercardioid  Omnidirectional

### Frequency Response

 Flat  Tailored

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

United States, Canada,  
Latin America, Caribbean:  
Shure Incorporated  
5800 West Touhy Avenue  
Niles, IL 60714-4608 USA

Phone: 847-600-2000  
Fax: 847-600-1212 (USA)  
Fax: 847-600-6446  
Email: info@shure.com

Europe, Middle East, Africa:  
Shure Europe GmbH  
Jakob-Dieffenbacher-Str. 12,  
75031 Eppingen, Germany

Phone: 49-7262-92490  
Fax: 49-7262-9249114  
Email: info@shure.de

Asia, Pacific:  
Shure Asia Limited  
22/F, 625 King's Road  
North Point, Island East  
Hong Kong

Phone: 852-2893-4290  
Fax: 852-2893-4055  
Email: info@shure.com.hk