GLX-D® DIGITAL WIRELESS SYSTEMS

WIRELESS INTELLIGENCE TAKES THE STAGE.
GLX-D® Digital Wireless Systems

CLEARLY A DIFFERENT KIND OF WIRELESS.

It’s live audio at a whole new level: Shure GLX-D Digital Wireless Systems feature intelligent technology and smart power options that put reliable, professional 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.

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

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

3. An accurate pulse on battery life. Precision metering displays in hours and minutes on the GLXD4 receiver’s LCD screen.

4. 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

Charge battery separately with: 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 (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 rugged metal construction

**GLXD1 Bodpack 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
GLXD2 HANDHELD SYSTEM OPTIONS

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

GLXD1 BODYPACK SYSTEM OPTIONS

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

INSTRUMENT
For brass, wind, and percussion instruments.

**GUITAR CABLE**
1/4”-to-TA4F instrument cable to connect transmitter to a guitar or bass

**PREMIUM GUITAR CABLE**
1/4”-to-TA4F with locking thread instrument cable to connect transmitter to a guitar or bass

**SM 31FH**
CARDIOID | CONDENSER
Rugged, comfortable head-worn microphone for roadworthy, high-quality live vocal performance 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.
Shure GLX-D® Digital 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.
## GLX-D® Digital Wireless Systems

### GLXD2 Handheld System Options

<table>
<thead>
<tr>
<th>Model</th>
<th>Includes</th>
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</table>
| SM58® Vocal | • SM58® Handheld Microphone with GLXD2 Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Break-resistant Microphone Clip  
• SB902 Lithium-ion Battery  
• USB Charging Cable |
| SM86 Vocal | • SM86 Handheld Microphone with GLXD2 Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Break-resistant Microphone Clip  
• SB902 Lithium-ion Battery  
• USB Charging Cable |

### GLXD1 Bodypack System Options

<table>
<thead>
<tr>
<th>Model</th>
<th>Includes</th>
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</table>
| WA302 Guitar | • WA302 Guitar Cable  
• GLXD1 Bodypack Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Windscreen  
• SB902 Lithium-ion Battery  
• USB Charging Cable |
| SM35 Headset | • SM35 Headset Microphone  
• GLXD1 Bodypack Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Windscreen  
• SB902 Lithium-ion Battery  
• USB Charging Cable |
| WL93 Presenter | • WL93 Lavalier Microphone  
• GLXD1 Bodypack Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Tie Clip and Windscreen  
• SB902 Lithium-ion Battery  
• USB Charging Cable |
| BETA 98H/C Instrument | • BETA 98H/C Instrument Microphone  
• GLXD1 Bodypack Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Windscreen  
• SB902 Lithium-ion Battery  
• USB Charging Cable |
| SM31FH Headset | • SM31FH Headset Microphone  
• GLXD1 Bodypack Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Windscreen  
• SB902 Lithium-ion Battery  
• USB Charging Cable |
| PGA31 Headset | • PGA31 Headset Microphone  
• GLXD1 Bodypack Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Windscreen  
• SB902 Lithium-ion Battery  
• USB Charging Cable |
| WL185 Presenter | • WL185 Lavalier Microphone  
• GLXD1 Bodypack Transmitter  
• GLXD4 Wireless Receiver  
• Durable Padded Zipper Case  
• Tie Clip and Windscreen  
• SB902 Lithium-ion Battery  
• USB Charging Cable |

### Technical Specifications

- **Operating Range:** 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)  
- **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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