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Shure SLXD4=-G58

Shure SLXD4 Single Channel Receiver User Manual

Model: SLXD4=-G58 (G58 Band: 470-514 MHz)

INTRODUCTION

The Shure SLXD4 single-channel, half-rack digital wireless receiver is designed for use with SLX-D Digital Wireless transmitters. It delivers transparent, 24-bit digital audio and reliable RF performance suitable for a wide range of applications, from presentations to live performances. This manual provides essential information for setting up, operating, and maintaining your SLXD4 receiver.

PACKAGE CONTENTS

- 1 SLXD4 single-channel receiver
- Antennas
- Rackmount accessories
- Power supply

SETUP

1. Hardware Connections

Ensure all connections are secure before powering on the device.

- **Antennas:** Connect the included antennas to the 'antenna A' and 'antenna B' ports on the rear of the receiver.
- **Power:** Connect the power supply to the receiver and a suitable power outlet.
- **Audio Output:** Connect the receiver's audio output (XLR or 1/4-inch) to your sound system's input.
- **Network (Optional):** For multiple receivers, connect them using Ethernet cables to a network switch for simplified frequency coordination.



Figure 1: Front view of the Shure SLXD4 receiver with antennas.



Figure 2: Rear view of the Shure SLXD4 receiver, illustrating connection points for antennas, power, and audio outputs.

2. Transmitter Battery Installation

Install two AA batteries (included) into your SLX-D transmitter (sold separately). Ensure correct polarity.

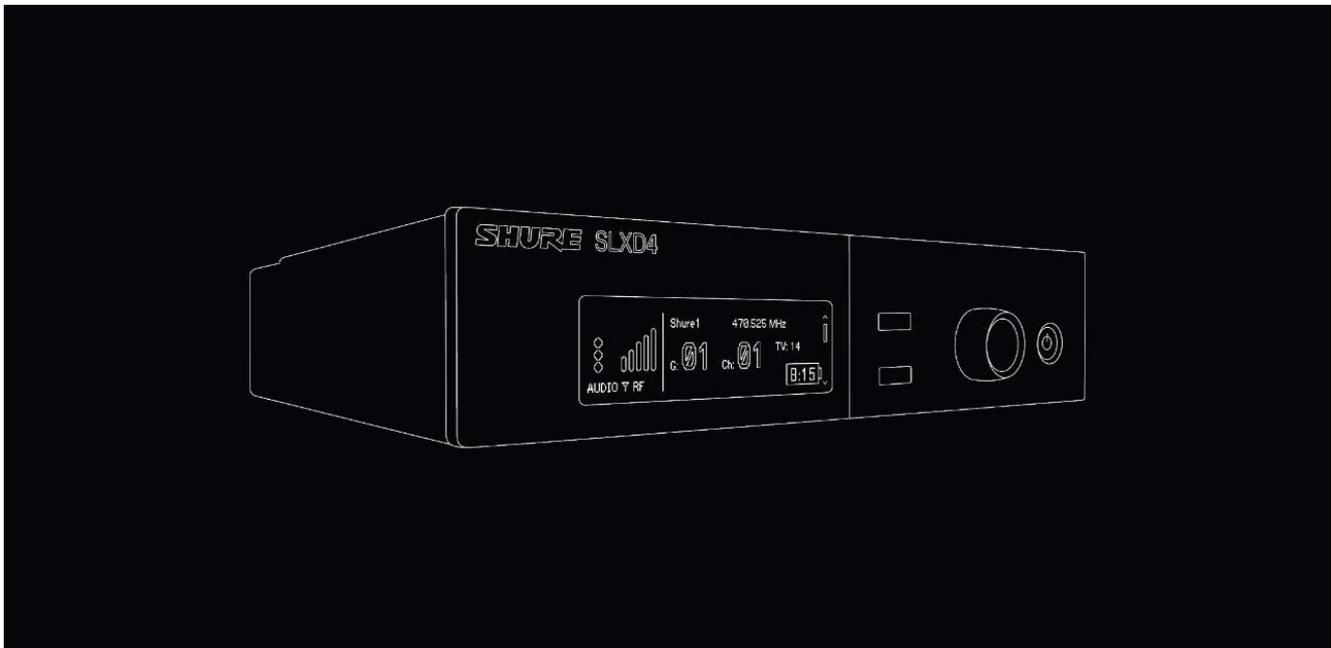


Figure 3: Shure SLXD2 Handheld Transmitter, showing the battery compartment for AA batteries.

3. Guided Frequency Setup

The SLXD4 receiver features a guided frequency setup to quickly find an open frequency and link transmitters. This process is recommended when setting up in a new RF environment.

1. Turn on the receiver.
2. Ensure all transmitters you plan to use are turned OFF.
3. Use the control knob on the receiver to navigate to **Frequency Setup > Guided Frequency Setup > Initialize My System**.
4. Follow the on-screen prompts to complete the scan and assign a frequency.

4. Syncing Transmitter and Receiver

After assigning a frequency, sync your transmitter to the receiver.

1. Turn on the transmitter.
2. On the receiver, press the **sync** button.
3. Align the IR ports on the transmitter and receiver. The IR ports are typically marked with 'IR'.
4. Hold them aligned until the sync is confirmed on the receiver's display.

Video 1: Shure SLX-D How To: Set Up and Use. This video demonstrates the step-by-step process of setting up and using the Shure SLX-D wireless system, including initial setup and syncing.

Video 2: Shure SLX-D How To: Add a Receiver. This video provides instructions on how to integrate an additional receiver into an existing Shure SLX-D wireless system.

OPERATING

1. Locking and Unlocking Controls

The SLXD4 receiver and transmitters can be locked to prevent accidental changes to settings or power cycling.

- **Receiver Lock:** Navigate to **Advanced Settings > Device Lock** using the control knob. Choose 'Lock Menu' to prevent menu changes or 'Lock Menu & Power' to prevent both menu changes and power off.
- **Transmitter Auto-Lock:** For handheld and bodypack transmitters, navigate to the 'Auto Lock' screen via the

menu. Set it to 'On' to activate.

- **Unlocking:** To temporarily unlock a transmitter, press 'Enter' then 'Menu'. Controls will relock when the home screen displays. To permanently disable auto-lock, set 'Auto Lock' to 'Off' in the menu.

Video 3: Shure SLX-D How To: Lock and Unlock. This video guides users through the process of locking and unlocking the controls on both the receiver and transmitters of the Shure SLX-D system.

2. Performing a Soundcheck

Before use, perform a soundcheck to ensure optimal audio levels.

1. Speak or sing into the microphone at typical performance levels.
2. On the receiver, navigate to the 'Gain' setting.
3. Adjust the gain up or down to keep the audio meter within the 'Optimal' range on the receiver's display.

FEATURES & SPECIFICATIONS

Key Features:

- **Digital Wireless Technology:** Features digital predictive switching diversity for stable RF signal transmission.
- **Frequency Bandwidth:** 44 MHz tuning bandwidth (region dependent).
- **Channel Capacity:** Up to 32 available channels per frequency band (region dependent). Supports up to 10 compatible systems per 6MHz TV band; 12 systems per 8 MHz band.
- **RF Scan and IR Sync:** Quickly finds an open frequency and links the transmitter to the SLX-D receiver.
- **Audio Quality:** Crystal clear 24-bit / 48 kHz digital audio with an extended 20 Hz to 20 kHz frequency response (microphone dependent).
- **Dynamic Range:** 120 dB dynamic range, suitable for vocals, acoustic, and wind instruments.
- **Operating Range:** Up to 330 feet (100 meters).
- **Construction:** Durable and ergonomic plastic transmitter construction.

Technical Specifications:

Specification	Detail
Item Model Number	SLXD4--G58
Item Weight	6.47 pounds
Product Dimensions	17.72 x 13.78 x 4.33 inches
Batteries	2 AA batteries required (included)
Color	Black
Compatible Devices	Speaker, Television
Connector Type	XLR
Signal Format	Digital
Material Type	Plastic
Output Wattage	5 Watts

Battery Type	Lithium Ion (for optional rechargeable accessories)
Media Format	WAV
Hardware Platform	Television

MAINTENANCE

To ensure the longevity and optimal performance of your Shure SLXD4 receiver, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the receiver and antennas with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the receiver in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** Remove batteries from transmitters if they will not be used for an extended period to prevent leakage. If using rechargeable batteries, follow the manufacturer's charging and storage recommendations.
- **Firmware Updates:** Check the Shure website periodically for firmware updates to ensure your system has the latest features and performance enhancements.

TROUBLESHOOTING

If you encounter issues with your SLXD4 system, consider the following common troubleshooting steps:

- **No Audio:** Verify that the transmitter is powered on and synced to the receiver. Check all audio cable connections and ensure the receiver's gain is set appropriately. Confirm the sound system input is active.
- **Interference/Dropouts:** Perform a new Guided Frequency Setup to scan for clear frequencies. Ensure antennas are properly positioned and unobstructed. Check for other wireless devices operating on similar frequencies in the area.
- **Transmitter Not Syncing:** Ensure the transmitter is powered on and the IR ports are clean and properly aligned during the sync process. Repeat the sync procedure carefully.
- **Controls Locked:** Refer to the 'Locking and Unlocking Controls' section in this manual or the provided video for instructions on how to unlock the receiver or transmitter controls.
- **Low Battery Life:** Ensure fresh batteries are used. If using rechargeable batteries, confirm they are fully charged and check their health status via the transmitter menu.

For more detailed troubleshooting or persistent issues, please refer to the official Shure support resources or contact customer service.

WARRANTY & SUPPORT

Shure products are designed for reliability and performance. For information regarding warranty coverage, product registration, and technical support, please visit the official Shure website or contact your local Shure distributor. Keep your proof of purchase for warranty claims.