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Shure BLX88=-H10

Shure BLX88 Dual Channel Receiver

USER MANUAL

Introduction

The Shure BLX88 Dual Channel Receiver is designed for use with BLX Wireless Systems, providing professional-quality sound with simple setup and an intuitive interface. This receiver is a core component for extending your audio capabilities in various settings, from small venues to larger stages.

The BLX88 receiver operates within the H10 Band (542-572 MHz) and is intended to be paired with compatible Shure BLX series transmitters (BLX1 or BLX2), which are sold separately. It offers wireless freedom, allowing for a range of up to 300 feet (100m), and supports up to 12 channels per frequency band, depending on regional and environmental factors.

What's in the Box:

- BLX88 dual-channel receiver
- Power supply
- User guide

Product Overview



Figure 1: Front view of the BLX88 Dual Channel Receiver, showing the display and control buttons for each channel.



Figure 2: Rear view of the BLX88 Dual Channel Receiver, highlighting the XLR and instrument output jacks, and power input.



Figure 3: Angled view of the BLX88 Dual Channel Receiver, showing its compact design and antenna ports.

Setup

Setting up your Shure BLX Wireless System is designed to be quick and easy. Ensure your BLX88 receiver matches the frequency band of your Shure BLX series transmitters (e.g., H10 Band).

Installing Transmitter Batteries

BLX transmitters require two AA batteries for operation, providing up to 14 hours of power. Ensure correct polarity when inserting batteries.

For handheld transmitters, unscrew the bottom cap to access the battery compartment. For bodypack transmitters, open the battery door on the back of the unit.

Connecting the Receiver

Connect the BLX88 receiver to a power source using the included power supply. Connect the audio outputs (XLR or 1/4-inch instrument out) from the receiver to your mixer or amplifier inputs.

Setting Up the Receiver and Transmitter

The BLX system features one-touch scan and selection for easy setup. It automatically performs a channel scan to find the best available frequency.

Video: How to Setup a Receiver

▶ **Watch video online**
Shure BLX Wireless Systems - How to Setup a Receiver

This video demonstrates the steps to properly set up your Shure BLX receiver, including power connection and initial configuration.

Video: How to Setup a Transmitter

▶ **Watch video online**
Shure BLX Wireless Systems - How to Setup a Transmitter

Learn how to prepare and activate your Shure BLX transmitter, ensuring it's ready for use with your receiver.

Video: How to Choose the Best Channel

▶ **Watch video online**
Shure BLX Wireless Systems - How to Choose the Best Channel

This video guides you through the process of selecting the optimal channel for your BLX Wireless System to minimize interference and ensure clear audio.

Video: How to Add a Receiver

▶ **Watch video online**
Shure BLX Wireless Systems - How to Add a Receiver

Instructions on how to integrate an additional receiver into your existing Shure BLX Wireless System setup.

Operating Instructions

Once your system is set up, operating the BLX88 is straightforward. The user-friendly interface allows for easy control and management of your wireless audio.

Performing a Soundcheck

Before any performance or recording, it is crucial to perform a soundcheck to ensure optimal audio levels and signal integrity. Adjust the transmitter gain as needed to prevent overload (indicated by the OL icon) or insufficient signal (only one or two bars showing on the audio meter).

Video: How to Perform a Soundcheck

▶ **Watch video online**
Shure BLX Wireless Systems - How to Perform a Soundcheck

Detailed guide on conducting a soundcheck with your Shure BLX Wireless System to achieve the best audio performance.

Extending Your Range

The BLX system offers a substantial operating range of up to 300 feet (100m). For best performance, maintain a clear line of sight between the transmitter and receiver, and avoid placing the receiver near large metal objects or other wireless devices that could cause interference.

Maintenance

To ensure the longevity and optimal performance of your Shure BLX88 Dual Channel Receiver and associated transmitters, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver and transmitters. Avoid using abrasive cleaners or solvents.
- **Battery Care:** Remove batteries from transmitters if the system will not be used for an extended period to prevent leakage and damage.
- **Storage:** Store the system in a cool, dry place, away from extreme temperatures and humidity.
- **Antennas:** Handle receiver antennas carefully to avoid bending or breaking.

Troubleshooting

If you encounter issues with your Shure BLX Wireless System, consider the following common troubleshooting steps:

- **No Audio/Intermittent Audio:**
  - Ensure both receiver and transmitter are powered on.
  - Verify that the transmitter and receiver are tuned to the same group and channel.
  - Check battery levels in the transmitter.
  - Confirm all cables are securely connected.
  - Perform a channel scan on the receiver to find a clear frequency.
- **Poor Sound Quality/Interference:**
  - Adjust the transmitter gain to prevent overload or weak signal.
  - Ensure the receiver antennas are unobstructed and positioned correctly.
  - Move the receiver closer to the transmitter.
  - Check for nearby sources of interference (e.g., Wi-Fi routers, other wireless devices, large metal objects).
  - Rescan for a new clear channel.
- **Transmitter Not Linking:**
  - Confirm the transmitter and receiver are within range.
  - Ensure the transmitter and receiver are set to the same group and channel.

- Check the transmitter's battery status.

Specifications

Feature	Detail
Model Name	BLX88
Item Model Number	BLX88=-H10
Brand	Shure
Microphone Form Factor	Handheld (compatible with various BLX transmitters)
Item Dimensions L x W x H	19.3 x 3.5 x 16.4 inches
Item Weight	4.1 pounds
Power Source	Battery Powered (for transmitters)
Number of Batteries	2 AA batteries required (for transmitters, included)
Battery Type	Alkaline
Number of Channels	2 (Dual Channel Receiver)
Connectivity Technology	XLR (output)
Connector Type	Wireless
Special Feature	XLR Outputs
Country of Origin	China
Date First Available	October 6, 2015

Warranty and Support

The Shure BLX88 Dual Channel Receiver includes a **Free 2-YEAR WARRANTY**, ensuring peace of mind regarding your investment.

For detailed warranty information, please refer to the official Warranty PDF document:

Shure BLX Warranty (PDF)

For additional support and comprehensive user information, you can also consult the User Guide PDF:

Shure BLX User Guide (PDF)

For further assistance, technical support, or service inquiries, please visit the official Shure website or contact their customer service department.

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