

Shure BLX4R--H9

Shure BLX4R Single Channel Rack Mount Receiver User Manual

Model: BLX4R--H9 | Brand: Shure

1. INTRODUCTION AND OVERVIEW

The Shure BLX4R is a single-channel rack mount receiver designed for use with Shure BLX Wireless Systems. It provides professional-quality sound with a focus on simple setup and an intuitive interface, making it suitable for small venues. This receiver is part of a system that supports various transmitter form factors, including handheld, bodypack, headworn, lavalier, and instrument clip-on, and can be integrated into single- and dual-channel configurations. The BLX Wireless System is engineered by Shure for durability and reliable performance.

2. WHAT'S IN THE BOX

The Shure BLX4R package typically includes the following components:

- BLX4R single-channel receiver
- Rack mount hardware
- Power supply
- User guide

3. SETUP

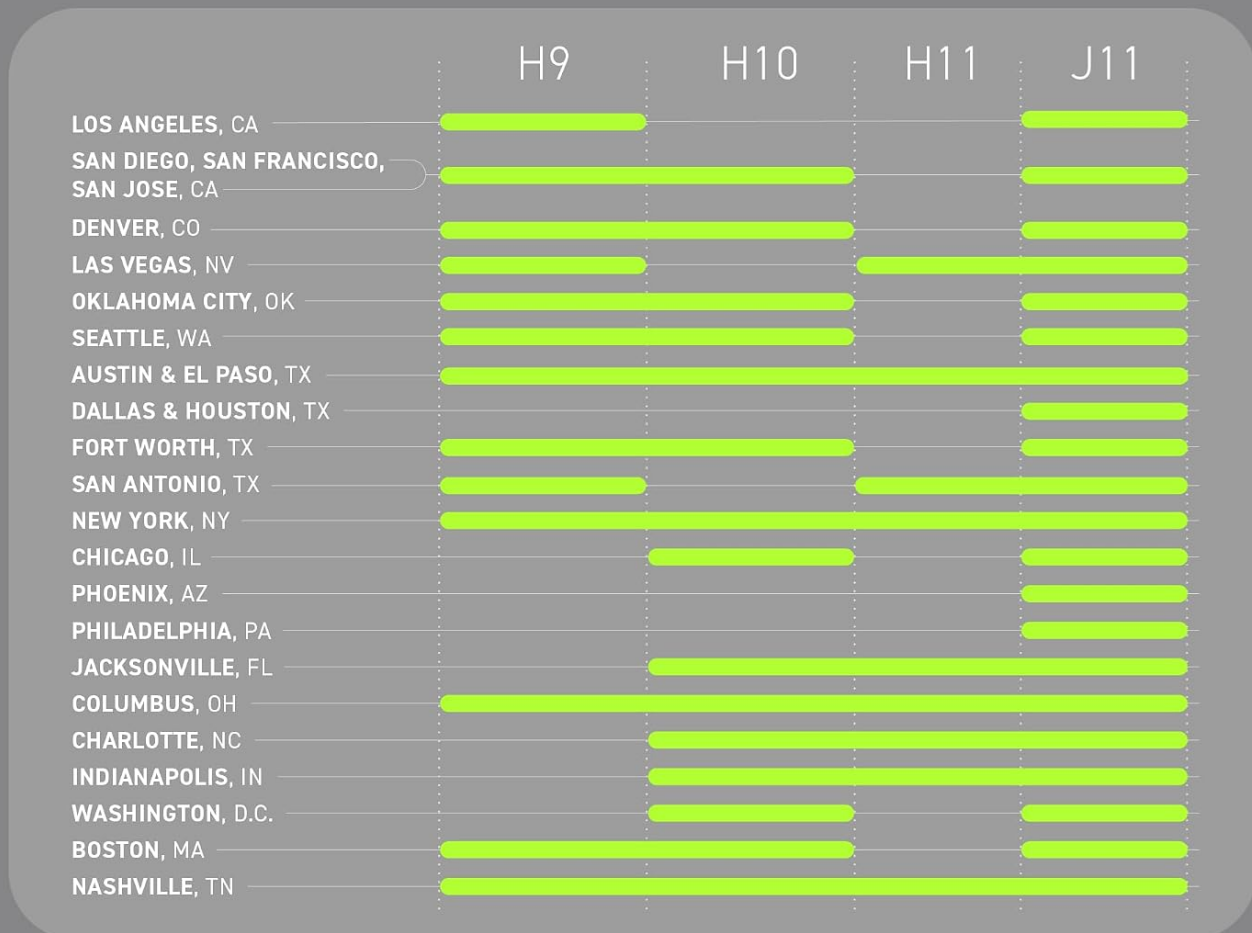
Proper setup is crucial for optimal performance of your BLX4R receiver. Follow these steps for initial configuration:

3.1. Component Matching and Frequency Band Selection

Ensure that your BLX4R receiver matches the frequency band (e.g., H9, H10, J11) of your Shure BLX series transmitter (BLX1 or BLX2), which is sold separately. The model BLX4R--H9 operates on the H9 Band (512-542 MHz). Before purchasing or setting up, verify that the selected wireless frequency band is permissible and works effectively in your specific geographical area. Refer to the Shure website's Wireless Frequency Finder for detailed regional information.

WIRELESS FREQUENCY SELECTION

Find the right wireless band for your location



+ Please refer to the Frequency Finder on the Shure website for more locations!

Figure 3.1: Wireless Frequency Selection Chart. This chart illustrates available frequency bands (H9, H10, H11, J11) and their compatibility across various US cities. Always consult the Shure website for the most current and comprehensive frequency information for your location.

3.2. Physical Connections

Connect the power supply to the receiver and a suitable power outlet. Attach the antennas to the rear panel. For audio output, connect the receiver's MIC OUT (XLR) or INSTRUMENT OUT (1/4" jack) to your mixer or amplifier.



Figure 3.2: Front view of the Shure BLX4R receiver, showing the display, group and channel buttons, and power button. The display indicates group, channel, RF signal strength, and audio levels.



Figure 3.3: Rear view of the Shure BLX4R receiver, highlighting the antenna connections (Antenna A, Antenna B), power input, MIC OUT (XLR), INSTRUMENT OUT (1/4" jack), and volume control.

3.3. Quick Setup

The BLX system is designed for quick and easy setup. Once powered on and connected, the user-friendly interface allows for straightforward adjustment of settings and management of the system.

4. OPERATING INSTRUCTIONS

The BLX4R receiver offers robust performance and user-friendly controls for seamless operation.

4.1. Range and System Expansion

The system operates effectively up to a range of 300 feet (100 meters), providing flexibility for performers. You can run up to 12 channels per frequency band, allowing for significant system expansion to accommodate various performance

needs.



Figure 4.1: Key features of the Shure BLX Wireless System, including a 300 ft (100m) operating range, support for up to 12 maximum systems per frequency band (note: region and environment dependent), and up to 14 hours of battery life for BLX transmitters.

4.2. Battery Life (Transmitter)

BLX transmitters, which pair with this receiver, can provide up to 14 hours of continuous operation from a single pair of AA batteries, ensuring extended performance times.

4.3. User Interface

The receiver features a clear display and intuitive controls for adjusting settings such as group and channel, monitoring RF signal strength, and checking audio levels.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Shure BLX4R receiver, follow these general maintenance guidelines:

- Keep the unit clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the receiver to extreme temperatures, humidity, or direct sunlight.
- Ensure proper ventilation when rack-mounting the unit to prevent overheating.
- Regularly check all cable connections for secure fit and signs of wear.

6. TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting, refer to the comprehensive user guide provided with your product or visit the official Shure support website.

6.1. No Audio Output

- Verify that the receiver is powered on and the display is active.
- Check that the transmitter is powered on and paired with the receiver on the correct frequency band.

- Ensure the receiver's volume control is turned up.
- Confirm that the audio cable from the receiver to your mixer/amplifier is securely connected and functional.
- Check the audio input settings on your mixer/amplifier.

6.2. Poor Signal or Dropouts

- Ensure the receiver antennas are properly positioned and unobstructed.
- Check for potential sources of interference (e.g., Wi-Fi routers, other wireless devices, large metal objects).
- Confirm that the operating frequency band is suitable for your location and free from local interference.
- Reduce the distance between the transmitter and receiver.
- Verify the transmitter's battery level.

7. SPECIFICATIONS

Key technical specifications for the Shure BLX4R Single Channel Rack Mount Receiver:

Specification	Value
Item Weight	6.24 pounds
Product Dimensions	18.5 x 14.88 x 3.88 inches
Model Number	BLX4R--H9
Frequency Band	H9 (512-542 MHz)
Max Systems per Band	Up to 12 (region and environment dependent)
Operating Range	300 feet (100 meters) line of sight
Receiver Type	Single Channel Rack Mount
Power Supply Voltage	12 Volts

8. WARRANTY AND SUPPORT

The Shure BLX4R Single Channel Rack Mount Receiver includes a 2-YEAR WARRANTY. For warranty claims, technical support, or additional product information, please refer to the official Shure website or contact Shure customer service. A detailed Warranty document is available in PDF format for download:[Shure Warranty \(PDF\)](#).

9. OFFICIAL PRODUCT VIDEOS

No official product videos are available for embedding based on the provided data. Please refer to the manufacturer's official website or authorized channels for any available video content related to the Shure BLX4R receiver.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B016APL926>

More documents and user manuals: <https://manuals.plus/>