

New Bee WJ25

New Bee WJ25 5.8GHz Wireless Guitar System Instruction Manual

Model: WJ25

1. INTRODUCTION

This manual provides detailed instructions for the New Bee WJ25 5.8GHz Wireless Guitar System. This system is designed to provide a stable and high-quality audio transmission for various instruments, offering freedom from cables with minimal latency and interference.

The system operates on the 5.8GHz frequency band, ensuring clear audio with 24bit/48kHz resolution and a low latency of 4.6ms. It supports a transmission distance of approximately 30 meters (98 feet).

2. PACKAGE CONTENTS

Before proceeding, please ensure all items are present in your package:

- 1 x Transmitter
- 1 x Receiver
- 1 x 2000mAh Charging Box
- 1 x USB-C Cable
- 1 x User Manual
- 1 x Protective Bag

Package:

1 * Transmitter

1 * User Manual

1 * Receiver

1 * USB C Cable

1 * Protective Bag

1 * 2000mAh Charging Box



Figure 2.1: Package Contents

3. SETUP AND PAIRING

Follow these steps to set up and pair your New Bee WJ25 Wireless Guitar System:

1. **Charge the Devices:** Before first use, fully charge the transmitter and receiver using the provided charging box and USB-C cable. The charging box has a 2000mAh battery and can fully charge the devices twice, providing up to 30 hours of total working time (10 hours per charge cycle for the devices). The 4-bar battery indicator on the charging box shows its charge level (one bar = 25%).
2. **Power On:** Turn on both the transmitter and the receiver.
3. **Initial Pairing:**

- Long press the pairing button on the receiver.
- Then, press the pairing button on the transmitter for 3 seconds.
- The devices will pair automatically. A successful connection is indicated by a steady blue light.

4. **Automatic Reconnection:** After the initial setup, the system will automatically reconnect each time you power on the devices, ensuring true plug-and-play convenience.



Figure 3.1: Transmitter and Receiver Overview



Figure 3.2: Charging Box and Battery Indicator

4. OPERATION

4.1 Connecting to Instruments and Devices

The New Bee WJ25 system offers wide compatibility with various instruments and devices:

- **6.35mm Jack:** Connects to electric guitars, basses, keyboards, amplifiers, electronic drums, and audio mixers.
- **3.5mm Jack:** Connects to phones, computers, tablets, and other devices for recording or live streaming.
- Works with both active and passive pickup instruments.

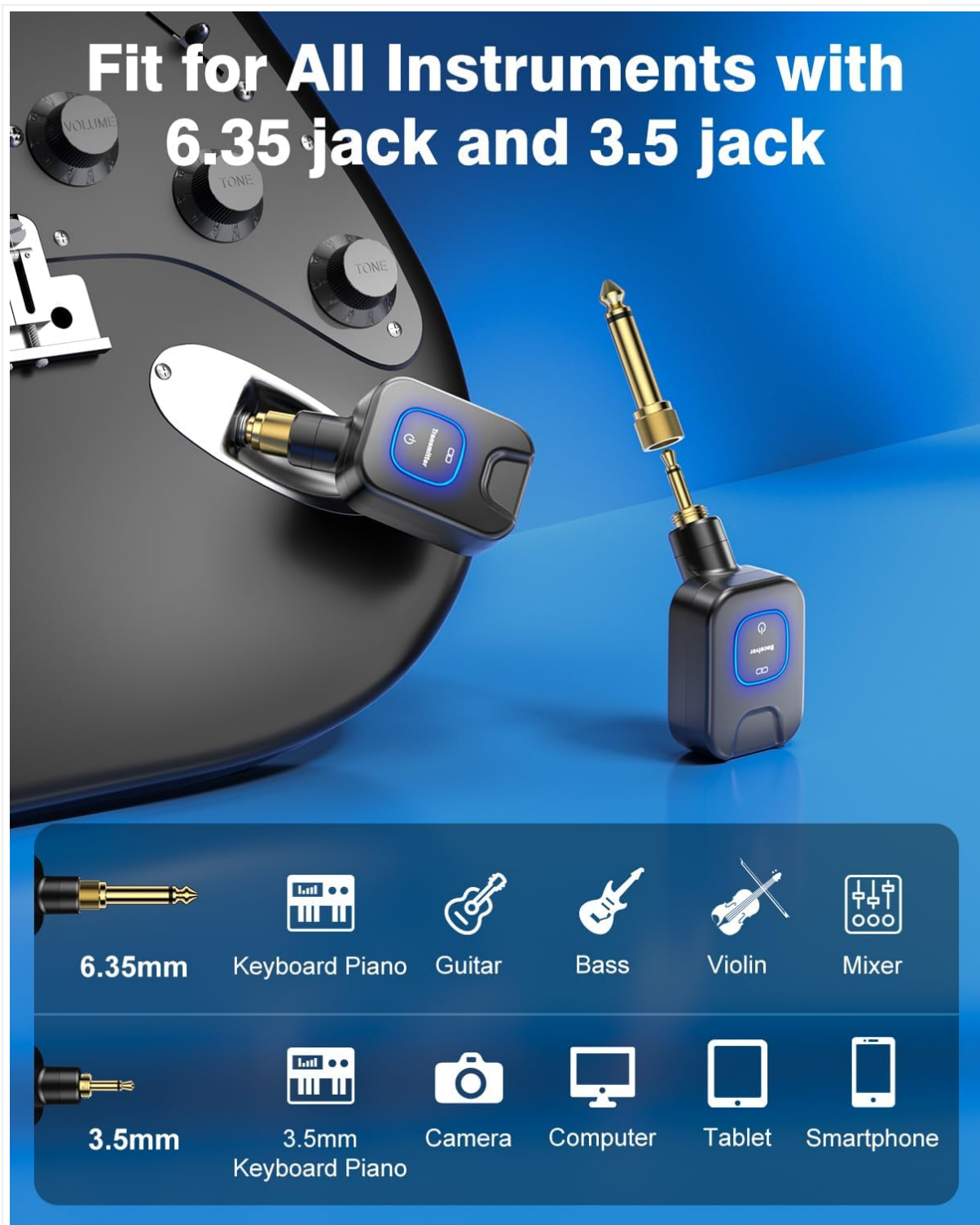


Figure 4.1: Wide Compatibility with 6.35mm and 3.5mm Jacks

4.2 Channel Selection and Multi-Device Use

The system is equipped with 6 selectable channels, allowing for flexible use in various scenarios:

- **Multiple Devices in One Environment:** Up to 6 pairs of New Bee wireless guitar devices can operate simultaneously in the same environment without interference. Each pair should be set to a different channel.
- **One Transmitter to Multiple Receivers:** A single transmitter can send signals to up to 6 receivers (note: all receivers must be the same product model). This is ideal for complex stage setups involving multiple amplifiers or effect pedals.

Support 6 Sets of Devices by Different Channel

No interfering by Working at Same Area



Figure 4.2: Support for 6 Devices on Different Channels

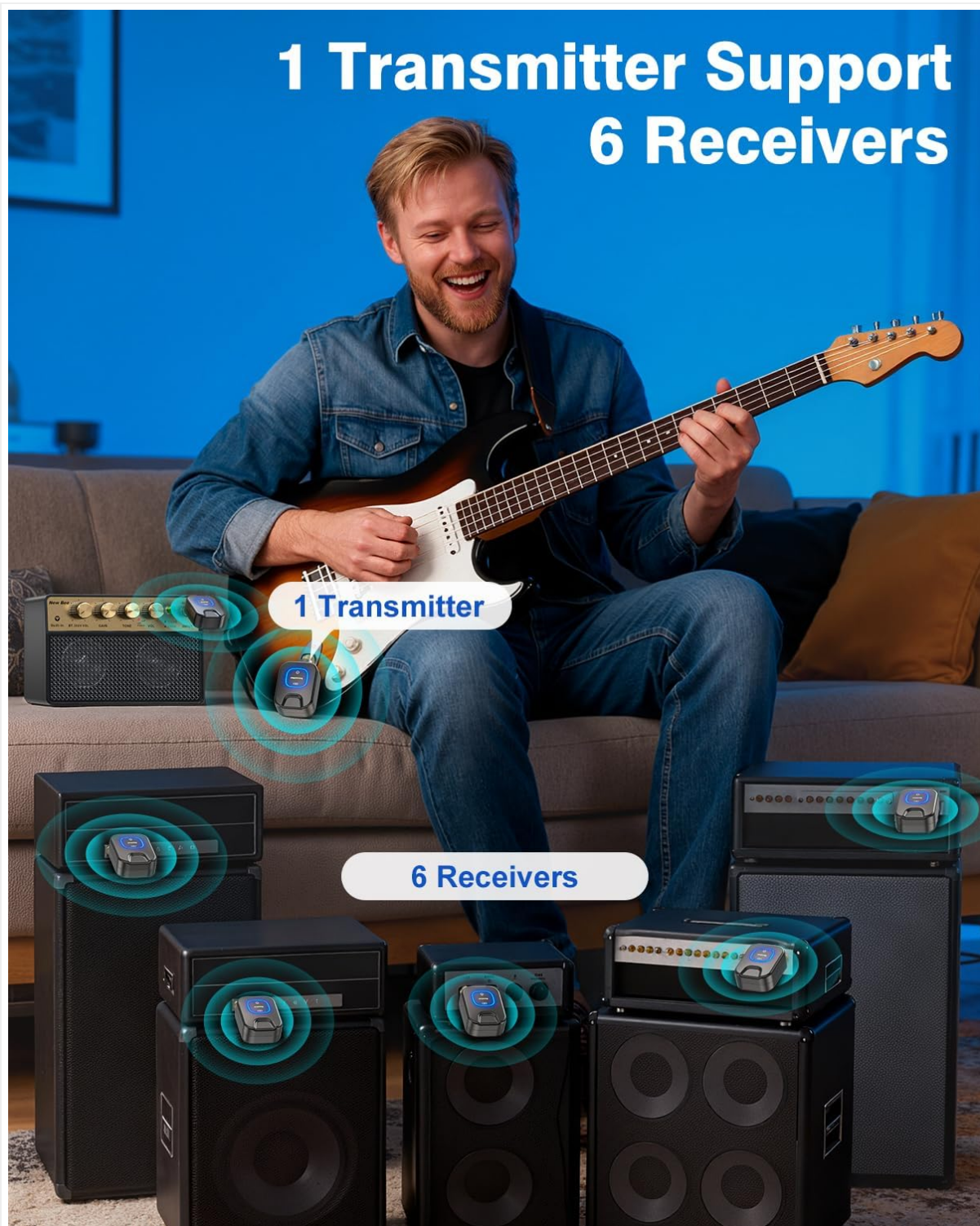


Figure 4.3: One Transmitter Supporting Six Receivers

4.3 Using the Charging Box as a Power Bank

The charging box can also function as a portable power bank to charge other devices via its USB output port, if needed.

As portable power bank if needed



Figure 4.4: Charging Box as a Portable Power Bank

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the transmitter, receiver, and charging box. Avoid using liquid cleaners or solvents.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures. Use the provided protective bag for safe storage and transport.
- **Battery Care:** To prolong battery life, avoid fully discharging the devices frequently. Recharge them regularly, even if not in use for extended periods.
- **Handle with Care:** Avoid dropping or subjecting the devices to strong impacts, as this can damage internal components.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or intermittent sound	• Devices not paired. • Low battery on transmitter or receiver. • Interference from other 5.8GHz devices. • Distance too far from receiver. • Incorrect channel selection.	• Ensure both devices are powered on and paired correctly (refer to Section 3). • Charge both the transmitter and receiver fully. • Change to a different channel (the system supports 6 channels). • Reduce the distance between the transmitter and receiver (max 30m). • Ensure the instrument and amplifier are properly connected and powered on.
Devices not charging	• Charging cable or adapter faulty. • Devices not properly seated in the charging box. • Charging box battery is depleted.	• Try a different USB-C cable or power adapter. • Ensure the transmitter and receiver are correctly inserted into their slots in the charging box. • Charge the charging box itself.
Poor audio quality (noise, crackling)	• Strong interference. • Weak signal due to distance or obstacles. • Faulty instrument cable or amplifier input.	• Change to a different channel. • Move closer to the receiver and ensure no large metal objects are blocking the signal path. • Test with a wired connection to rule out instrument or amplifier issues.

7. SPECIFICATIONS

Feature	Detail
Brand	New Bee
Model Number	WJ25
Frequency Band	5.8GHz
Audio Resolution	24bit/48kHz
Latency	4.6ms
Transmission Distance	Approx. 30 meters (98 feet)
Channels	6 selectable channels
Charging Box Battery	2000mAh

Feature	Detail
Working Time (Devices)	Up to 10 hours per charge cycle
Total Working Time (with Charging Box)	Up to 30 hours
Jacks Supported	6.35mm and 3.5mm
Instrument Compatibility	Electric Guitars, Basses, Keyboards, Amplifiers, Electronic Drums, Audio Mixers, Phones, Computers, Tablets (Active and Passive Pickups)
Item Dimensions	4.72 x 3.94 x 3.35 inches
Item Weight	250 g
Included Components	Transmitter, Receiver, Charging Case

8. WARRANTY AND SUPPORT

The New Bee WJ25 Wireless Guitar System comes with a 3-year warranty. For warranty claims or technical support, please contact New Bee customer service through the retailer where the product was purchased or visit the official New Bee website for contact information.
For additional resources and product information, you may visit the [New Bee Store on Amazon](#).

9. OFFICIAL PRODUCT VIDEOS

Watch this official video for more information on the New Bee WJ25 Wireless Guitar System:

Your browser does not support the video tag.

Video 9.1: Features and Specifications of the New Bee Wireless Guitar System. This video provides an overview of the product's key functionalities and technical details.