



## Guitar Rechargeable UHF Wireless System

P/N 611100

### User's Manual

# SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the audio jack and turn it off. Allow it to fully dry before reuse.
- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.
- This device uses a rechargeable lithium battery. Dispose of only in accordance with local, state, and Federal regulations.
- Charge the battery before first use and at least once every three months.
- Do not use while charging the internal batteries.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.
- This device may cause interference with nearby radios and televisions. Use the device at a distance from radios and televisions.
- Do not use excessive force when operating this device to avoid damage to the device and other equipment.

## FEATURES

- 40Hz ~ 18kHz  $\pm 3$ dB frequency response
- Suitable for guitars, basses, and any instrument with a 1/4-inch (6.35mm) audio jack
- 1/4-inch plug can be rotated up to 60° to accommodate different audio jack positions
- Built in rechargeable lithium battery in each unit
- Five transmission channels
- Five color LED indicator to indicate which channel is being used
- Zero transmission delay ( $< 1$ ms)

## CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website **[www.monoprice.com](http://www.monoprice.com)** during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **[support@monoprice.com](mailto:support@monoprice.com)**

## PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Transmitter

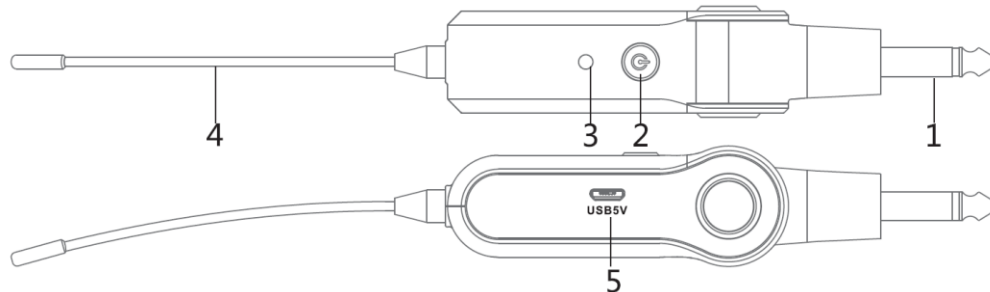
1x Receiver

1x Micro USB cable

2x Antenna

# PRODUCT OVERVIEW

## Transmitter and Receiver



1. **Audio Plug:** Plug the audio plug into your instrument or amp with 1/4-inch (6.35mm) TS connector.
2. **Power Button:** Press and hold the button for about 2 seconds to turn the unit on or off. Momentarily press the button to change the channel.
3. **LED Indicator:** The five color LED indicates which channel is being used.
4. **Antenna:** The antenna is removable and flexible.
5. **USB5V:** Micro USB port for charging the internal battery from a USB power source.

*Note that the transmitter and receiver are functionally a visually identical, except that one is labeled **TRANSMITTER** and the other is labeled **RECEIVER**.*

## CHARGING

1. Plug one end of the included micro USB cable into the unit, then plug the other end into a USB power source, such as a wall charger or battery charger. The LED on the unit will begin breathing green.
2. When the battery is fully charged, the LED will turn solid green.
  - Charge the batteries before first use and at least once every three months to keep them fresh and able to hold a full charge.
  - Do not use while charging the battery.

# LED INDICATOR STATUS

## Operation Indicators

| Battery Condition              | Transmitter                                                                | Receiver                                 |                    |
|--------------------------------|----------------------------------------------------------------------------|------------------------------------------|--------------------|
|                                |                                                                            | Connection Success                       | Connection Failure |
| Power ON / Battery level > 30% | LED indicator ON with the color indicating the selected channel            | LED flashes in the current channel color |                    |
| Power ON / Battery level < 30% | LED indicator slowly flashes the current channel color                     |                                          |                    |
| Power ON / Battery level < 10% | LED indicator rapidly flashes the current channel color                    |                                          |                    |
| Power ON / Battery level < 5%  | LED indicator flashes for 5 seconds, then the unit automatically turns OFF |                                          |                    |
| Battery charging               | Green LED breathes                                                         |                                          |                    |
| Battery fully charged          | Green LED solid on                                                         |                                          |                    |

## Channel Indicators

| LED Color       | Red    | Green  | Blue   | Yellow<br>(Red+Green) | Purple<br>(Red+Blue) |
|-----------------|--------|--------|--------|-----------------------|----------------------|
| Frequency (MHz) | 902.70 | 908.70 | 914.70 | 920.70                | 927.70               |

## OPERATION

- Press and hold the **Power** buttons on both the Transmitter and Receiver for about 2 seconds to turn the units on or off. The **LED Indicators** will illuminate.
- If the Transmitter and Receiver are operating on the same channel, both **LED Indicators** will show the same color.
- If the Transmitter and Receiver are operating on a different channel, the **LED Indicator** colors will be different and the **LED Indicator** on the Receiver will flash. Press the **Power** button on either the Transmitter or Receiver until the two **LED Indicators** have the same color.
- After setting the Transmitter and the Receiver to the same channel, plug the Transmitter into your instrument and plug the Receiver into your amp or other audio input.
- The Transmitter and Receiver will get slightly warm to the touch after they have been in use for a while. This is normal.
- The Receiver will automatically turn off after 30 minutes of receiving no signal from the Transmitter.

## TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **[www.monoprice.com](http://www.monoprice.com)** during regular business hours, 7 days a week. You can also get assistance through email by sending a message to **[tech@monoprice.com](mailto:tech@monoprice.com)**

## SPECIFICATIONS

|                                      | Transmitter                                 | Receiver         |
|--------------------------------------|---------------------------------------------|------------------|
| Power Source                         | Rechargeable 3.7V/380mAh Li battery         |                  |
| Audio Interface                      | 60° rotatable 1/4-inch (6.35mm) TS plug     |                  |
| Channels                             | 5 UHF channels                              |                  |
| Operating Frequency (MHz)            | 902.70, 908.70, 914.70, 920.70, 927.70      |                  |
| Transmitter Power                    | >10dBm                                      | N/A              |
| Receiver Sensitivity                 | N/A                                         | ≤ 110dBm         |
| Signal-to-Noise Ratio                | ≤ 85dB                                      |                  |
| Frequency Response                   | 40Hz ~ 18kHz ±3dB                           |                  |
| Delay                                | < 1ms                                       |                  |
| Distortion                           | < 0.5%                                      |                  |
| Maximum Input Signal Amplitude       | 500mV                                       | N/A              |
| Maximum Transmission Distance        | up to 65 feet (20 meters) with no obstacles |                  |
| Operating Time                       | up to 3.5 hours                             |                  |
| Recharging Time                      | < 2.5 hours                                 |                  |
| Dimensions (without plug or antenna) | 4.7" x 0.9" x 0.9" (120 x 22 x 24 mm)       |                  |
| Weight                               | 1.76 oz. (50.0g)                            | 1.71 oz. (48.5g) |

# REGULATORY COMPLIANCE

## Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.