



# WXGTS Digital Wireless Guitar System

## Manual and Quick Start-up Guide



### WXGTS Digital Wireless Guitar System

#### Introduction

The CAD Audio WXGTS Digital Wireless Guitar System makes it easy to cut the cord, providing high-quality audio in an easy to use, compact design. The WXGTS operates in the 2.4GHz ISM frequency band allowing unlicensed operation throughout the world. The WXGTS can support up to 6 units operating simultaneously in the same area. Alternatively, one transmitter can sync to multiple receivers at the same time. You will enjoy up to 100 feet (30.5m) of operating range and up to 5 hours of battery life for maximum freedom of movement for the entire gig. The compact design eliminates the need for bodypacks or wires, making mid-show instrument swaps easier than ever before. The WXGTS may be used with other electronic instruments such as bass and keyboards.

The WXGTS Digital Wireless Guitar System contains the following features:

- 2.4GHz operating frequency allows for license-free use worldwide.
- 24-bit/48KHz uncompressed digital conversion.
- Up to 100' (30.5m) operating range.
- Built for guitars, but compatible with a wide range of electronic instruments.
- 280° rotating body fits most instrument body styles.
- Built-in rechargeable batteries last up to 5 hours per charge.
- 2 Year Warranty.

### Cautions

Thank you for choosing our Wireless Guitar System. The product is designed for guitar for wireless connection. We have tried our best to provide you a low noise and latency, high sound quality (48KHz) and long transmission distance wireless device. Enjoy yourself with the wireless system.

#### Power Supply

The USB cable is mainly for charging. Please use this to connect to USB interface of your devices and make sure you use a qualified adapter.

While charging, please make sure that the device is shut down to avoid the loss of electricity during charging, which will lead to longer charging time and shorter battery life. When the device is not in use, please shut down in time to avoid continuous battery consumption.

#### Connections

Please always turn off the power of the equipment when connecting or disconnecting with the guitar. It will help to prevent the damage cause to this product and other relevant equipment.

#### Interference

Operation is subject to the two following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including the interference that may cause undesired operation.

#### Warning

To reduce the risk of fire or electric shock, please do not expose appliance to rain or moisture.

### Operating Instructions

Plug the transmitter into your instrument output jack. Plug the receiver into your instrument amplifier, effect pedal input, or mixer input.

The devices should be charged prior to use via the USB Charging Ports, with the device power off.

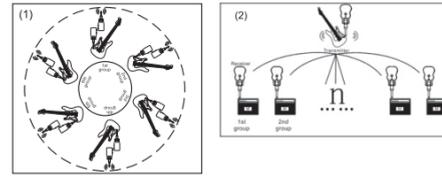
Power up the transmitter and the receiver. The Status Indicators will slowly flash letting you know the devices are not yet paired.

Press and hold the Pairing Key of the receiver. The Status Indicator will flash indicating pairing mode. Press and hold the Pairing Key of the transmitter. Momentarily the Status Indicators of both devices will reach steady state, pairing complete.

Up to 6 separate systems may be used simultaneously in the same area (See drawing 1).

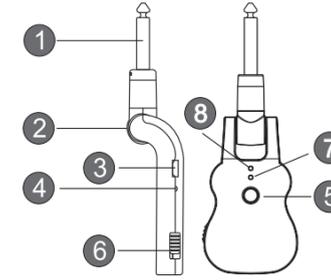
Alternatively, multiple receivers may be used with one transmitter (See drawing 2).

To operate this way, initiate pairing mode with all receivers. Then initiate pairing mode on the transmitter. When pairing mode is finished, one transmitter may be received by all receivers.



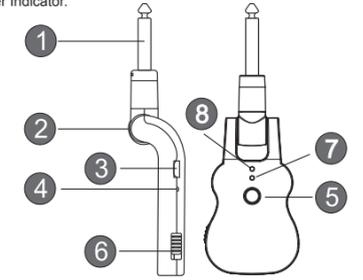
### WXGTS Transmitter

1. Transmitter Signal Input. Plug into the output jack of your instrument.
2. 280° Rotating Plug, convenient for most musical instruments.
3. USB Charging Port.
4. Charging Indicator.
5. Pairing Key. Press and hold for 3 seconds to initiate pairing, press again to confirm.
6. Power switch.
7. Status Indicator:
  - Steady state indicates transmitting mode.
  - Slow flash indicates low battery.
  - Quick flash indicates pairing.
8. Power Indicator.



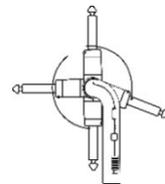
### WXGTS Receiver

1. Receiver Output. Plug into amplifier, mixer, or effects pedal input jack.
2. 280° Rotating Plug. Convenient for most applications.
3. USB Charging Port.
4. Charging Indicator.
5. Pairing Key. Press and hold for 3 seconds to initiate pairing. The Tri-Status Indicator will flash after receiving signal from transmitter. The flash number indicates the number of transmitters received.
6. Power Switch.
7. Status Indicator.
  - Steady state indicates pairing successful, receiving.
  - Slow flash indicates low battery.
8. Power Indicator.



### Specifications

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Frequency Response   | ..... 20Hz-20kHz                                  |
| Frequency Band Range | ..... 2.4 - 2.483GHz                              |
| Latency              | ..... ≤12ms                                       |
| THD                  | ..... <0.13%                                      |
| Noise                | ..... -87dB                                       |
| Dynamic Range        | ..... 105dB A-weighted                            |
| Transmitter Power    | ..... 140mA                                       |
| Battery Life         | ..... Up to 5 hours per charge                    |
| Weight               | ..... 0.4lbs (.18kg)                              |
| Dims                 | ..... 4.75" x 3.35" x 2.6" (12cm x 8.5cm x 6.6cm) |



### Troubleshooting

Device cannot be powered on:

- Be sure to charge the battery prior to use.

- The battery can enter protection mode if left uncharged for a long time. Charging for more than 10 minutes will bring the battery out of protection mode and into charge mode. It is best to charge device when powered off.

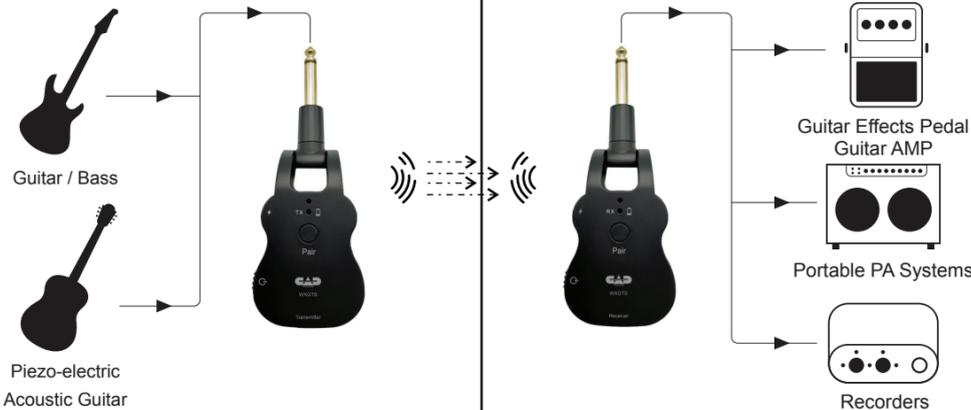
Device is powered on however no audio transmission:

- System has likely not been paired. Initiate pairing procedure.

Unpleasant noise while in use:

- This could be due to strong electromagnetic interference or receiver out of usable range. Reduce distance between transmitter and receiver.

### Applications



### Two-Year Limited Warranty

CAD Audio hereby warrants that this product will be free of defects in material and workmanship for a period of two years from the date of purchase. In the unlikely event that a defect occurs, CAD will, at its option, either repair or replace with a new unit of equal or greater value. In the event that a suitable replacement is unavailable, CAD Audio may elect to reimburse owner for the cost of local repairs or issue a refund in the amount of the original purchase price. Items must be purchased from an authorized CAD Audio dealer, and the warranty is not transferable from the original owner. Please retain proof of purchase to validate the purchase date and include it with any warranty claim.

This warranty excludes exterior finish or appearance, damage from abuse, misuse of the product, use contrary to CAD's instructions or unauthorized repair. All implied warranties, merchantability, or fitness for a particular purpose is hereby disclaimed and CAD hereby disclaims liability for incidental, special or consequential damages resulting from the use or unavailability of this product.

This warranty gives you specific legal rights and you may have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.

Note: No other warranty, written or oral is authorized by CAD Audio.

To initiate a warranty claim, please contact American Music and Sound at 1-800-431-2609 to obtain a return authorization number and shipping instructions.

- A return authorization is required for all returns. RETURNS WITHOUT A PRE-APPROVED RETURN AUTHORIZATION NUMBER WILL BE REFUSED.
- Please use at least 3 inches of padding surrounding the product for protection during shipment
- Retain your tracking number until your warranty claim has been resolved
- We recommend using an insured shipping method in case of loss or damage during shipment

If outside the United States, contact your local dealer or distributor for warranty details.

Individuals with cardiac pacemakers and other similar medical devices should consult with their physician before using any RF devices. Though the output level of this wireless system is below 50 milliwatts, the proximity of the transmitter to the implant device could pose a threat.

As with any wireless product, environmental conditions can reduce or in some cases prohibit a successful connection between the transmitter and the receiver.

This device complies with Part 15 of the FCC Rules. Most users of CAD Audio wireless products in the United States do not need a license for operation. However, the rules for unlicensed operation state that this device must not operate in excess of 50 milliwatts and it must not cause harmful interference to other wireless devices, and must accept interference received from other devices. Wireless products meeting CAD factory standards adhere to these rules. The FCC reserves the right to change these rules at any time. For more information contact the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit the FCC's wireless microphone website at: [www.fcc.gov/cgb/wirelessmicrophones](http://www.fcc.gov/cgb/wirelessmicrophones)

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