



# CAD AUDIO WX200 Dual Handheld UHF Wireless Microphone System User Guide

[Home](#) » [CAD Audio](#) » CAD AUDIO WX200 Dual Handheld UHF Wireless Microphone System User Guide 

## Contents

- [1 CAD AUDIO WX200 Dual Handheld UHF Wireless Microphone System](#)
- [2 Warranty](#)
- [3 Introduction](#)
- [4 FCC](#)
- [5 Handheld TX200 Transmitter](#)
- [6 Specifications TX200](#)
- [7 Operating Instructions](#)
- [8 Receiver RX200 \(Front\)](#)
- [9 Documents / Resources](#)



**CAD AUDIO WX200 Dual Handheld UHF Wireless Microphone System**



## Warranty

### 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 it with a new unit of equal or greater value. In the event that a suitable replacement is unavailable, CAD Audio may elect to reimburse the 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.

## **WX200 Dual Handheld UHF Wireless Microphone System**

### **Introduction**

Enjoy the easy and exciting performance that the WX200 provides for your next performance. CAD Audio has been creating valued products since 1931 and prides itself on developing and supporting the live performer. Our concept was straightforward – develop a high-value wireless microphone system that can cope with today's challenging F environment that is both easy to operate and exciting to use.

The WX200 is a Fixed Frequency Dual Handheld Wireless System. Each system includes a receiver, 2 handheld transmitters, a power supply, and a 3.275' (1m) unbalanced ¼" cable. The receiver is an all-metal chassis and features separate displays and volume controls for each channel. AF and RF indicators on each channel confirm connection and signal transmission between transmitters and receivers. Additionally, each receiver features both single XLR balanced outputs for each channel, or a combined ¼" output for increased flexibility of use. Advanced antenna technology provides up to 164' (50m) of operating distance between transmitter and receiver. Each handheld transmitter displays the current frequency and features an easy-access on/off switch. 2 AA batteries power each transmitter, providing up to 10 hours of use.

### **The WX200 Fixed frequency Dual Handheld UHF wireless system includes the following features:**

- Up to 164' (50m) range between transmitter and receiver
- All metal receiver
- Individual balanced XL outputs or combined ¼" output
- The transmitter utilizes 2 AA Batteries with > 10 Hrs of operation
- 2 Year Warranty

Individuals with cardiac pacemakers and other similar medical devices should consult with their physician before using any F 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.

### **FCC**

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).

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference,

including interference that may cause undesired operation of the device. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

## Handheld TX200 Transmitter

1. LCD display
2. Power Switch
3. Battery compartment



## Specifications TX200

- **Operating Principle** .....Moving Coil Dynamic
- **Polar Pattern** .. Unidirectional
- **Microphone Frequency Response**..... 40Hz – 16KHz
- **RF Power:** 5mW
- **Power Requirements**.....2x AA batteries 1.5V
- **Battery Life:** up to 10 hours

## Operating Instructions

- Press and hold the power button on the transmitters) until the LCD display is illuminated
- Power on the receiver and connect to your output device using either the balanced XLR outputs or the mixed output on the rear of the receiver
- Adjust the volume on the front of the receiver to the desired level
- The red RF light will illuminate the receiver once a connection has been established between a transmitter and the receiver
- The green AF light will illuminate the receiver indicating it is receiving input from the transmitter

### Receiver RX200 (Front)

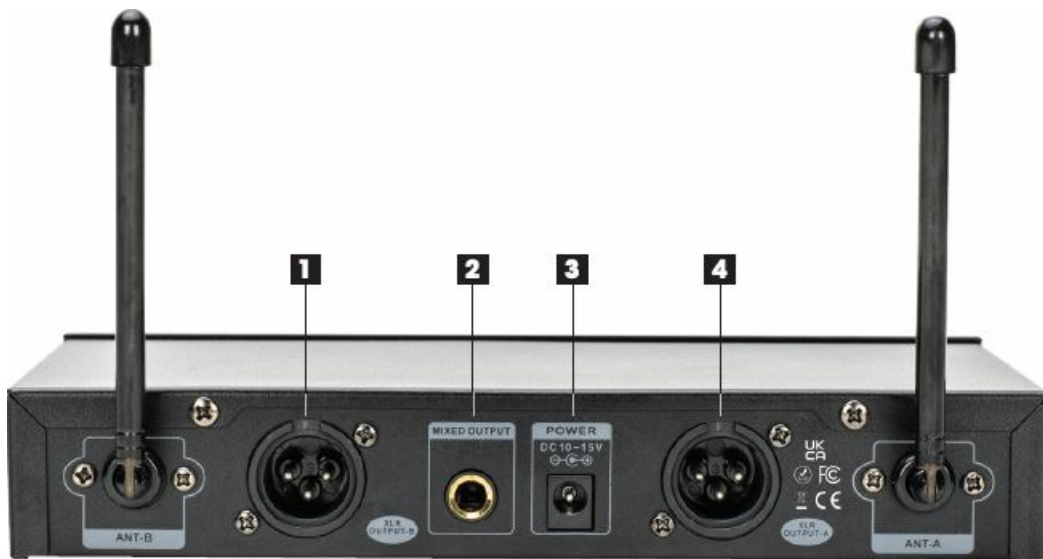
#### Antenna

1. Power on/off
2. Channel A volume control
3. Channel A – RF and AF indicators
4. LCD display
5. Channel B – RF and AF indicators
6. Channel B volume control



### Receiver RX200 (Rear)

1. Channel B balanced output
2. Unbalanced mix output
3. DC power jack (use included supply)
4. Channel A balanced output



## Specifications WX200

- **Frequency Range:** 563MHz – 565MHz
- **Modulation Mode:** FM
- **Receiver Sensitivity:** 5dBuV
- **Harmonic Distortion:** <0.2%
- **Dynamic Range:**..... >100dB
- **Operating Range:**.....164' (50m) indoors
- **Audio Output:**..... XLR balanced,
- **Power Requirements:**..... DC 12V-15V, 450mA
- **Dimensions:** 14.2" x 10.2" x 2.4" (36cm x 26cm x 6cm)
- **Weight:** 3.2Lbs (1.45kg)

## CAD Audio

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## Documents / Resources



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