



CAD Audio WX200 UHF Wireless Dual Handheld Microphone System User Guide

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CAD Audio WX200 UHF Wireless Dual Handheld Microphone System



Introduction

Enjoy the easy and exciting performance that the WX:200 provides for your next performance. CAD Audio has been creating valued product 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 RF 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, power supply, and 3.275' (1 m) 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 receiver. 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 XLR outputs or combined ¼" output
- 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 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

This device complies with Industry Canada licence-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 SmW
- Power Requirements 2x AA batteries I.SV

- Battery Life up to 10 hours

Operating Instructions

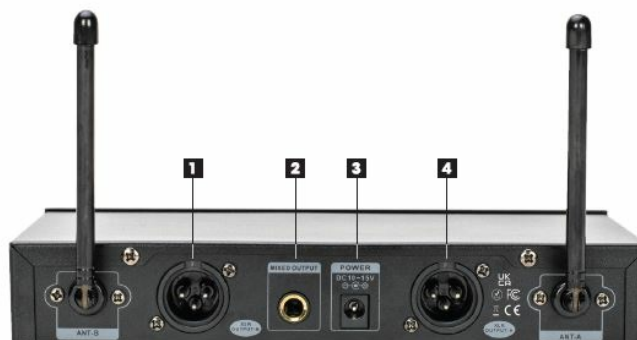
- Press and hold the power button on the transmitter(s) until the LCD display is illuminated
- Power on the receiver and connect to your output device using either the balanced XLR outputs or the mixed output on the rear of the receiver
- Adjust the volume on the front of the receiver to the desired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

Receiver RX200 (Front)



1. Antenna
2. Power on/ off
3. Channel A volume control
4. Channel A – RF and AF indicators
5. LCD display
6. Channel B – RF and AF indicators
7. 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 SdB μ V
- Harmonic Distortion <0.2%
- Dynamic Range > 100dB
- Operating Range 16 4' (50m) indoors
- Audio Output XLR balanced, 1/4" (6.3mm) unbalanced mix
- 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)

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.

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FREQUENTLY ASKED QUESTIONS

What is the CAD Audio WX200 UHF Wireless Dual Handheld Microphone System?

The CAD Audio WX200 is a wireless microphone system that includes two handheld microphones and a receiver, designed for live performances and presentations.

What is the operating range of the WX200 UHF Wireless Microphone System?

The operating range typically extends up to 200 feet (approximately 61 meters), providing freedom of movement on stage.

What type of microphones are included in the WX200 system?

The WX200 system includes two handheld dynamic microphones, which are ideal for vocal performances.

Is the WX200 a UHF or VHF wireless system?

The WX200 is a UHF (Ultra High Frequency) wireless microphone system, which is known for its reliable performance and reduced interference.

How many channels does the WX200 system offer?

The system often offers multiple channels to choose from, allowing you to select the best frequency to avoid interference.

Can I use both microphones simultaneously?

Yes, you can use both microphones simultaneously with the included receiver, making it suitable for duets and presentations.

Does the WX200 system include a receiver unit?

Yes, it comes with a receiver unit that can be connected to a mixer, amplifier, or audio interface.

What type of audio outputs does the receiver have?

The receiver typically includes balanced XLR and unbalanced 1/4-inch outputs for versatile connectivity.

Is there a rack-mount kit available for the receiver?

Some versions of the WX200 system may include a rack-mount kit, allowing you to mount the receiver in a standard rack case.

What is the frequency response range of the WX200 microphones?

The microphones typically have a frequency response range of around 40Hz to 15kHz, suitable for capturing vocals.

Does the WX200 system provide adjustable gain control?

Yes, the receiver often includes adjustable gain control to optimize the microphone's input level.

Can I use rechargeable batteries with the handheld microphones?

Yes, you can use rechargeable batteries in the handheld microphones, but be sure they are fully charged before use.

Does the WX200 system have a built-in LCD display for frequency and channel information?

Yes, it often includes an LCD display on the receiver for easy monitoring and channel selection.

Is the WX200 system suitable for live bands and music performances?

Yes, it's suitable for live bands and music performances, providing clear and reliable wireless microphone capabilities.

Can I use the WX200 system for recording purposes?

While it's primarily designed for live sound applications, you can use the system's outputs to connect to a recording device for basic recording needs.

Can I use the WX200 system for public speaking and presentations?

Yes, it's well-suited for public speaking, conferences, and presentations where wireless microphones provide flexibility and ease of use.

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Manuals+.