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## Swiitech CH-211

# Swiitech CH-211 Wireless TV Headphones User Manual

Model: CH-211 | Brand: Swiitech

## INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your Swiitech CH-211 Wireless TV Headphones. Designed for a private listening experience, these headphones offer clear audio with ultra-low latency, ensuring audio and video synchronization. Please read this manual thoroughly to ensure proper use and to maximize your product's performance.



Figure 1: Swiitech CH-211 Wireless TV Headphones and Charging Base.

## WHAT'S IN THE BOX

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Verify that all items are present in the package:

- Swiitech CH-211 Wireless Headphones
- Transmitter/Charging Base
- Optical Audio Cable
- 3.5mm AUX Audio Cable
- RCA Audio Cable
- USB-C Charging Cable
- USB Power Adapter

## PRODUCT OVERVIEW

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### Headphones

- **Comfortable Design:** Lightweight materials and soft over-ear cushions for extended listening.
- **Adjustable Headband:** The headband is adjustable to fit various head sizes.
- **Controls:** Integrated buttons for power, volume adjustment, and mode selection.
- **Battery Life:** Up to 24 hours of use on a single charge.

### Transmitter/Charging Base

- **Multiple Connection Options:** Supports Optical, AUX (3.5mm), and RCA audio inputs for broad TV compatibility.
- **Charging Function:** Serves as a convenient charging dock for the headphones.
- **Auto-Pairing:** Headphones auto-pair with the transmitter when removed from the base.
- **Wireless Range:** Provides a stable wireless signal up to 30 meters (100 feet).

# No Lip-Sync Delay/No Lag No Missed Moments

With latency as low as **40ms**,  
every thrilling moment stays in sync for  
a truly immersive viewing experience

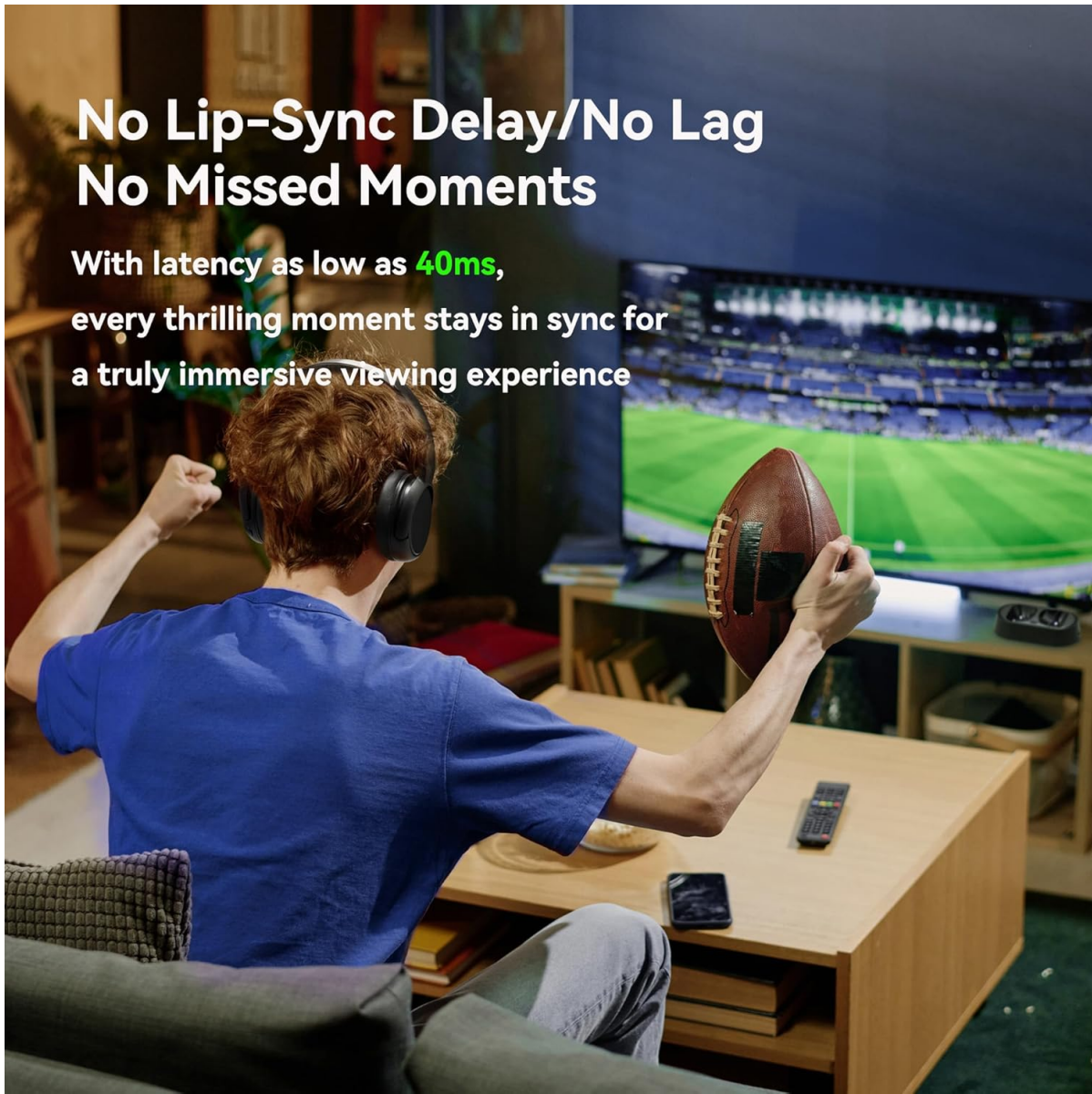


Figure 2: Transmitter/Charging Base with Headphones.

## SETUP INSTRUCTIONS

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Follow these steps to connect your Swiitech CH-211 Wireless TV Headphones:

- 1. Power the Transmitter:** Connect the USB-C charging cable to the transmitter base and plug the USB power adapter into a wall outlet. Slide the ON/OFF switch on the transmitter to the 'ON' position.
- 2. Connect to TV (Wired Options):**
  - **Optical:** Use the Optical Audio Cable to connect your TV's optical audio output to the transmitter's optical input.
  - **AUX (3.5mm):** Use the 3.5mm AUX Audio Cable to connect your TV's 3.5mm audio output to the transmitter's AUX input.
  - **RCA:** Use the RCA Audio Cable to connect your TV's RCA audio outputs (red/white) to the transmitter's RCA inputs.

*Note: Only one wired audio input can be used at a time. Ensure your TV's audio output settings are configured correctly for the chosen connection type (e.g., PCM for optical).*

- 3. Power On Headphones:** Slide the ON/OFF switch on the headphones to the 'ON' position. The headphones will automatically pair with the powered transmitter base.

4. **Bluetooth Connection (Optional):** If your TV supports Bluetooth, you can connect the headphones directly via Bluetooth. Turn off the transmitter base. Remove the headphones from the base; they will enter pairing mode automatically. On your phone or tablet, turn on Bluetooth and select "CH-211" from the available devices.



Figure 3: Visual guide for connecting the headphones to your TV.

### Video Guide: Pairing Instructions

Your browser does not support the video tag.

Video 1: Detailed instructions on how to use and pair your Swiitech CH-211 Wireless TV Headphones.

## OPERATING INSTRUCTIONS

- **Wearing the Headphones:** Adjust the headband for a comfortable and secure fit over your ears. The soft cushions are designed for extended wear.
- **Power On/Off:** Use the dedicated ON/OFF switch on the headphone earcup to power the device.
- **Volume Control:** Adjust the volume using the +/- buttons located on the earcup.
- **Charging:** When the battery is low, simply place the headphones on the transmitter/charging base. A clear indicator light will show the charging status. The headphones will auto-pair once removed from the base

after charging.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the headphones and transmitter base. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the headphones on their charging base in a cool, dry place when not in use.
- **Battery Care:** To prolong battery life, avoid fully discharging the headphones frequently. Charge them regularly.

## TROUBLESHOOTING

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Issue	Possible Solution
No Sound	Ensure the transmitter is powered on and correctly connected to the TV. Check TV audio output settings (e.g., set to PCM for optical). Verify headphone power and volume.
Headphones Not Pairing	Ensure both headphones and transmitter are powered on. If using Bluetooth, ensure the transmitter is OFF and headphones are in pairing mode. Move closer to the transmitter.
Poor Audio Quality	Check cable connections for looseness. Ensure no interference from other wireless devices. Adjust TV audio settings.
Short Battery Life	Ensure headphones are properly seated on the charging base. Verify the charging indicator. Avoid extreme temperatures.

## SPECIFICATIONS

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Feature	Detail
Model Name	CH-211
Connectivity Technology	Wireless, Bluetooth V5.3
Wireless Communication Technology	Bluetooth V5.3
Bluetooth Range	30 Meters
Input Device Interface	Optical, AUX, RCA, Bluetooth
Battery Life	24 Hours
Charging Time	2 Hours
Noise Control	Sound Isolation
Frequency Response	20000 Hz
Sensitivity	114 dB
Impedance	32 Ohms
Item Weight	419 Grams (14.8 ounces)
Material	Plastic
Special Feature	Noise Isolation, Bluetooth V5.3, Ultra-Low Latency, Detachable Cable, Rechargeable Battery, Lightweight, Plug & Play

## WARRANTY AND SUPPORT

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Swiitech is committed to providing reliable after-sales service. For any questions, technical assistance, or warranty claims, please contact our support team. Refer to the product packaging or the official Swiitech website for the most up-to-date contact information.

Please retain your proof of purchase for warranty purposes.