

Model No.: CH-211

Ensemble User Manual

If you have any questions regarding product quality, operation, or if it is beyond the 30-day free return window, please feel free to contact us at: service@iswiitech.com

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What's in the Box?

Bluetooth Headphones x 1

Transmitter Base x 1

Type-C USB Charging Cable x 1

Optical Cable x 1

USB Adapter x1

RCA Cable x 1

3.5mm AUX Cable x 1

User Manual x 1

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Product Overview

HEADPHONE:

- Charging Contacts
- Microphone
- Volume Up/ Previous Song
- Multi-function Button (MFB)
- Volume Down/ Next Song
- USB-C Charging Port
- ON/OFF Button
- LED Indicator

TRANSMITTER CHARGING DOCK:

- Multi-function Button (MFB)
- ON/OFF Button
- USB-C Power Port
- Optical Audio Input
- AUX Input Port
- LED Indicator

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Basic Button Operation

Button	Function	Operation Instruction
ON/OFF Button	Power On	When powered off: Slide the switch to ON to power on; it will auto-enter pairing mode with a "Power On" prompt.
	Power Off	When powered on: Slide the switch to OFF to power off; it will auto-enter pairing mode with a "Power Off" prompt.
Enter Pairing Mode	Enter Pairing Mode	When on: Place headphones in transmitter to charge; lift from transmitter to auto-power on and enter pairing mode.
	Play / Pause	Single-click the MFB to play/pause headphone audio.
Voice Assistant	Voice Assistant	When Connected: Press and hold the "MFB" for 1.2s, then release. (Only supported when connected to a Phone/Tablet)
	Answer/hang up Call	Short press the "MFB" button. (Only supported when connected to a Phone/Tablet)
Reject a call	Reject a call	Long press the "MFB" button for 2 seconds. (Only supported when connected to a Phone/Tablet)
	Volume Up	Short press.
Next Song	Next Song	Long press for 1 second. (Only supported when connected to a Phone/Tablet)
	Volume Down	Short press.
Previous Song	Previous Song	Long press for 1 second. (Only supported when connected to a Phone/Tablet)
	Mute the Microphone	Long press the "Volume-" button for 2 seconds to mute or unmute the microphone.
Clear pairing record	Clear pairing record	When powered on: Press and hold both "Volume +" and "Volume-" for 5s. Purple indicator light stays 2 seconds.

Notes: When the headphones are powered on, they will automatically reconnect to the transmitter by default.

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Transmitter

Button	Function	Operation Instruction
Power Button	Power On	Plug in the charging cable and slide the power switch to ON.
	Power Off	Unplug the charging cable or slide the power switch to OFF.
MFB	Clear the base pairing record	When not connected, press the MFB for 5 seconds to enter pairing mode - LED flashes warm white and blue alternately. Then double-click it; LED glows purple for 3s, meaning the transmitter's pairing history is cleared successfully.

Set Up

→ Three ways to connect the transmitter to your TV

The transmitter must be connected to a power source to function properly. Use the included USB adapter and USB-C cable to plug it into a nearby wall outlet.

Method One: Optical Port Connection (recommended)

Step 1: Connect the USB-C cable to the transmitter, then slide the power switch to "ON". The blue indicator light will start flashing.

Step 2: Plug one end of the optical cable into your TV's **digital audio output port**, and the other end into the transmitter's optical input port.

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Step 3: On your headphones, slide the power switch to the "ON" position. The headphones will automatically enter pairing mode, accompanied by the voice prompt "Power On." You will then hear the voice prompt "Pairing." When you hear "Your headset is connected," it means the pairing is successful. At this point, the LED indicator on the headphones will flash blue.

Step 4: Once the headphones successfully pair with the transmitter, the transmitter's indicator light will **stay solid warm white**.

Step 5: Turn on your TV, navigate to the audio settings menu, and select **Optical Output** as the audio output option. (For detailed steps, refer to pages 8-11.)

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Note:

1. Don't forget to remove the plastic cap from the optical cable before use.
2. Make sure the optical cable is securely connected to your TV. Otherwise, you may experience static noise or no sound. Avoid bending or folding the cable at a 90-degree angle, as it is made of glass and plastic, which can break easily.
3. Most TVs only output audio through one digital port at a time. If your TV's HDMI ARC port is in use, the optical port may be disabled. Try unplugging the HDMI ARC cable or use an RCA/AUX cable to connect the transmitter instead.
4. Important: Set your TV's audio output to "PCM" mode, and make sure to select a wired audio output option.

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Method Two: AUX In Port Connection:

Plug the included 3.5mm AUX cable into your TV's **AUX output port**, then connect the other end to the **3.5mm "AUX IN" port** on the transmitter.

Method Three: RCA Port Connection

Connect the RCA adapter to the 3.5mm AUX audio cable. Plug the red and white RCA plugs into the matching audio output ports on your TV, then insert the 3.5mm end of the cable into the "**AUX IN**" port on the transmitter.

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TV sound output Settings

Below are the common audio output settings for three TV brands. If your brand is not listed here, please refer to your TV's user manual for detailed instructions.

If the issue persists, feel free to contact our support team at: service@iswiitech.com

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LED Indicator

Function	LED Indicator
Power On	Blue LED flashes 2 times
Power Off	Red LED flashes 2 times
Pairing Mode	Red & Blue LED flash alternately
Connected standby mode	Blue LED flashes once every 10 seconds
Playing Music	Blue LED flashes 2 times every 10 seconds
Talking	Blue LED flashes once every 10 seconds
Clear the pair record	Purple LED flashes once 2 second
Charging	Steady Red LED
Fully Charged	Steady Blue LED
Low Battery	Red LED Flashes

Function	LED Indicator
Pairing Mode	Warm white & Blue LED flash alternately
Reconnect Mode	Blue LED flashes once every 1 seconds
Connected	Warm White
Charging	Warm white flash slowly
Fully Charged	Steady Blue LED

Voice Prompt

Status	Voice Prompt
Power On	Power On
Power Off	Power Off
Enter Pairing Mode	Pairing
Bluetooth connect success	Your headset is connected
Bluetooth disconnect	Your headset is disconnected
Low power prompt	Low battery, please charge
Microphone Mute ON	Mute on
Microphone Mute OFF	Mute off

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Charging Method

Charging Method 1: Headphone Charging

Charge the CH-211 immediately when the red LED starts flashing.

Connection Steps: Plug the Type-C USB cable into the CH-211. Connect the other end to a USB power source (e.g., car charger, power bank, or PC).

Charging Time: A full charge takes approximately 2 hours.

Charging Status Indicator: The red LED will turn off once charging is complete.

Notes:

1. Please charge the device at least once every 2 months when not in use.
2. Charge with power on. It is normal for the Bluetooth indicator to overlap with the charge indicator.

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Charging Method 2: Base Charging

1. Connect the **Type-C** end of the charging cable to the charging port on the base. Connect the **USB end** to the included USB adapter, and then plug it into a wall outlet.

(Alternatively, you may connect it to other **USB power sources** such as a car charger, power bank, or computer.)

2. Place the headphones onto the charging dock to begin charging. When the base displays a **steady blue light**, the headphones are fully charged.

Notes:

1. When powered on, the headphones and base will automatically shut down when placed in the dock for charging, and automatically power on when removed.
2. The CH-211 charging base does not contain a built-in battery and must remain connected to a power source when charging the headphones or functioning as a transmitter.

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Battery Usage Notes

There is a risk of explosion if the battery is replaced incorrectly. Only replace it with the same or an equivalent type of battery.

Unauthorized battery replacement is not recommended. Please contact the manufacturer for service or replacement.

Note: The headphones will connect automatically. A voice prompt saying "Paired" and a steady warm white LED on the transmitter indicate a successful connection.

Product Specification

Headphone	
Bluetooth Version	V5.3
Operation Range	15 meters/49 feet
Bluetooth Protocols	HSP, HFP, AVRCP, A2DP
CODEC Code	SBC, AAC
Battery Capacity	600mAh/3.7V
Charging Time	About 2 hours
Working Time (Connected with transmitter)	About 40 hours (70% volume)
Working Time (Connected with headphones separately)	About 60 hours (70% volume)
Dimensions	193*186*78mm
Transmitter	
Bluetooth version	V5.0
Operation Range	Up to 30 meters/100 feet
Bluetooth Protocols	AVRCP, A2DP
CODEC Code	SBC
Dimensions	175*193*42mm

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Using the Headphones with Your Phone/Tablet

Bluetooth Pairing Steps:

Step 1: Turn off the transmitter

First, turn off the transmitter or directly unplug its power cord.

Step 2: Activate the headphone pairing mode

Slide the headphone switch to the "ON" position. The indicator light will flash **red and blue alternately**, signaling that the headphones have entered pairing mode.

Step 3: Complete the device connection

Enable Bluetooth on your phone or tablet, find "CH-211" in the list of available devices, and tap to connect.

Once connected, the LED will turn blue and begin slow flashing. If the device does not detect the signal, turn Bluetooth off and on again, and repeat the search.

Toggle Between Transmitter and Bluetooth Headphones

Switching from Phone/Tablet to TV Transmitter

Turn off the Bluetooth of your current device, then turn on the transmitter, which will automatically connect to the headphones.

Switching from Transmitter to Phone/Tablet

Turn off or unplug the transmitter, then find and tap [CH-211] in your device's Bluetooth paired list to connect to the headphones.

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Rebinding the Transmitter to New Headphones?

The headphones and base are **pre-paired at the factory**. Once successfully paired, they will automatically connect when powered on—no additional steps are needed.

If you need to pair the base with a different CH-211 headset, follow the steps below to unbind the original headphones and bind the new ones.

Step 1: Clear the base station's pairing history

With the base station powered on but not connected, press and hold the multi-function button for 5 seconds to enter pairing mode. While in pairing mode, **double-click** the multi-function button. The warm white and blue LEDs will stay on for 3 seconds, indicating all pairing history has been cleared. The base will then **automatically re-enter pairing mode**.

Step 2: Pair the base with the new headphones

After clearing, the base is now in pairing mode. Turn on the new headphones and put them into pairing mode as well. The base and headphones will pair automatically. Once pairing is successful, the base's warm white LED will remain steadily on.

Step 3: Bind the base to the new headphones

After successful pairing, **double-click** the multi-function button on the base again. The warm white and blue LEDs will **flash alternately 5 times**, confirming that the binding process is complete.

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FAQs

Q 1: How do I know if my headphones are charged?

A: Checking Charge Status

While charging: headphone LED = solid red; base LED = flashing warm white

Fully charged: both headphone and base LEDs = solid blue

If Charging Fails:

If the base LED stays solid warm white **after placing the headphones**, they may not be charging. Remove and reposition the headphones to ensure the charging contacts are aligned and clean.

Q 2: What should I do if my TV transmitter cannot be paired with headphones?

A: Reset the transmitter and rebind the headphones:

1. Turn **off** headphones, turn **on** the transmitter.
2. Press and hold the **MFB** on the base for 5 seconds until the LED flashes warm white and blue alternately.
3. Double-click the **MFB**; the LED turns solid purple for 3 seconds (pairing record cleared).
4. Turn on the headphones — they will pair automatically. The base LED will show **solid warm white** when paired.
5. Double-click the **MFB** again. The LED will flash purple **5 times**, indicating successful binding.

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FC CE RoHS
TV Headphones-FCC ID: 2A6Y3-CH-211
Transmitter Charging Dock-FCC ID: 2A6Y3-CH-211A
Made In China