User Manual
Wireless Headphone System with Transmitter/Charging Dock
HT280

Overview

1. Power ON/OFF
2. Power Indicator
3. Volume Control
4. Optical/Coaxial Indicator
5. Power Indicator
6. Charge Indicator
7. Contact Pins
8. Contact Points
9. Audio In Select Switch
10. Attenuation (ATT.) Switch
11. Optical Audio Input
12. Coaxial Audio Input
13. RCA Audio Input
14. Power ON/OFF Switch
15. DC IN
16. AUX/3.5MM Headphone Jack

LED indicators

LED indication of the transmitter/charging dock

LED indicator	Work status	LEDs status
CHARGE	Recharge headphone	SOLID YELLOW-GREEN
	Recharge of headphone complete	Turn off
POWER	Power on	Flashes BLUE for 4-5 seconds, then stay SOLID BLUE
	Power off	Turn off
OPTICAL / COAXIAL	Use optical or coaxial input and audio signal is detected	Stay SOLID RED
	Use optical or coaxial input but NO audio signal is detected after 5 minutes	Flashes RED

LED indication of the headphone

Work status	LED status
Power on	LED close to ⏻ stay SOLID RED for 1-2 seconds
Connected	LED close to ⏻ turn SOLID YELLOW-GREEN

Turn on HT280

Power up the transmitter/charging dock

Connect the transmitter/charging dock to a compatible power source using AC adapter.

Slide ON/OFF switch to "ON" position, POWER LED indicator lights up BLUE.

Charge and turn on the headphone

Charge headphone for 6 hours prior to the initial use:

Place the headphone on transmitter/charging dock, the charging begins automatically, the CHARGE LED on the transmitter/charging dock lights up YELLOW-GREEN.

When the charging is complete, the CHARGE LED on the transmitter/charging dock will turn off.

YELLOW-GREEN　　(off)

(CHARGE)
Complete when indicator turns off.
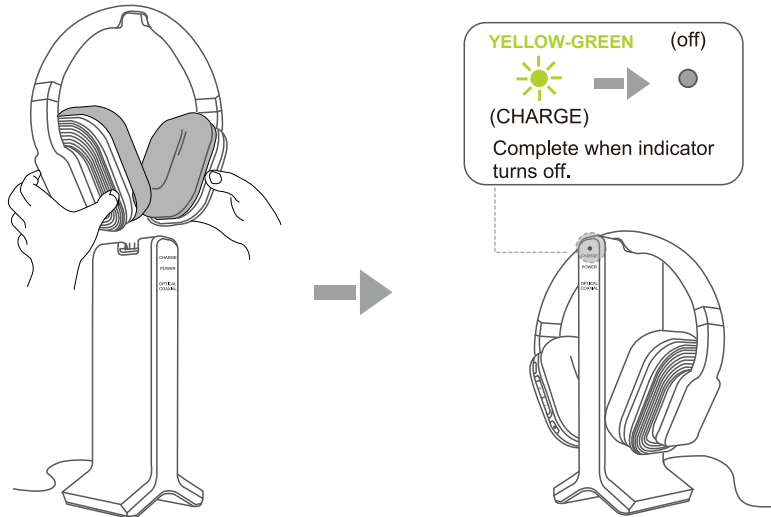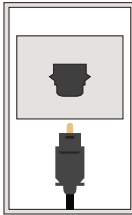
Turn on the headphone: Press and hold ⏻ for 1 second, LED indicator close to ⏻ stay SOLID RED for 1-2 seconds, then the headphone will auto connect to the transmitter, LED indicator turn SOLID YELLOW-GREEN.

Use HT280 with your TV

Check your TVs output options before the set up

HT280 works with OPTICAL output, AUX 3.5mm output, and RCA (labeled "AUDIO OUT") output.

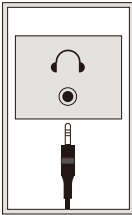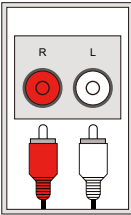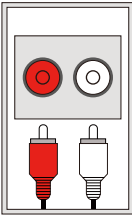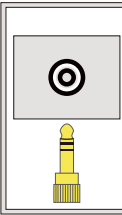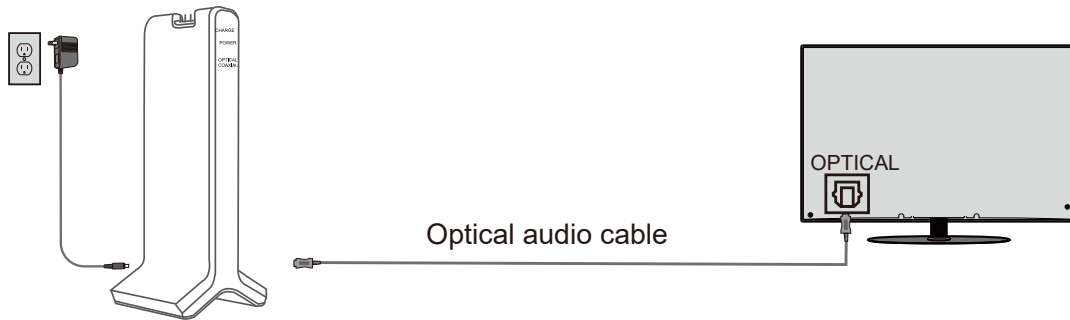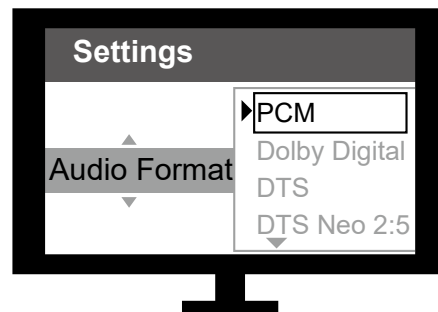|	Optical OUT	AUX/3.5mm	RCA jacks labeled "AUDIO OUT"	Other RCA jacks (usually audio IN)	Big Phone Jack
Jack Options			R L		
Natively Supported?	✔	✔	✔	✘	✔

TVs with OPTICAL audio out

Optical audio cable

OPTICAL

After turning on HT280 and connecting cables, you should be able to hear sound from your headphones; if not,

- Ensure the Audio In Select Switch on transmitter is set to "OPT." position

- Ensure your TV Speaker is set to "External Speaker".

- Ensure TV Audio Format is set to "PCM" or "DOLBY/DTS" is off (This is IMPORTANT).

Speakers
- ◯ Internal speakers
- ⦿ External speakers
- ◯ Headset

Settings

Audio Format
▶PCM
Dolby Digital
DTS
DTS Neo 2:5
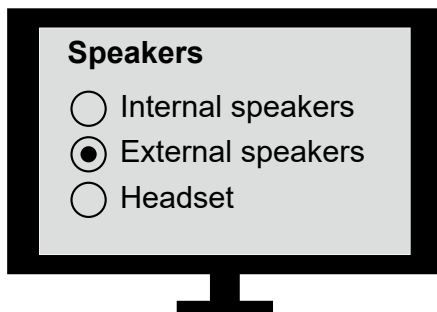
Note: Setting menu may be different depending on different TV brands and model.

To ensure the TV audio out signal is valid, you can contact TV manufacture support with your TV model number and ask 1) how to set TV audio out to Optical; 2) how to set Audio Out Format to PCM.

TVs with AUX 3.5mm Audio Out

After turning on HT280 and connecting cables, you should be able to hear sound from your headphones; if not,

a. Ensure the Audio In Select Switch on transmitter is set to "RCA" position.

b. Ensure your TV speaker is set to "Headset".

Speakers
- ◯ Internal speakers
- ◯ External speakers
- ◉ Headset

Note: Setting menu may be different depending on different TV brands and model.

TVs with RCA audio out(Red/White ports labeled "AUDIO OUT")

After turning on HT280 and connecting cables, you should be able to hear sound from your headphones; if not,

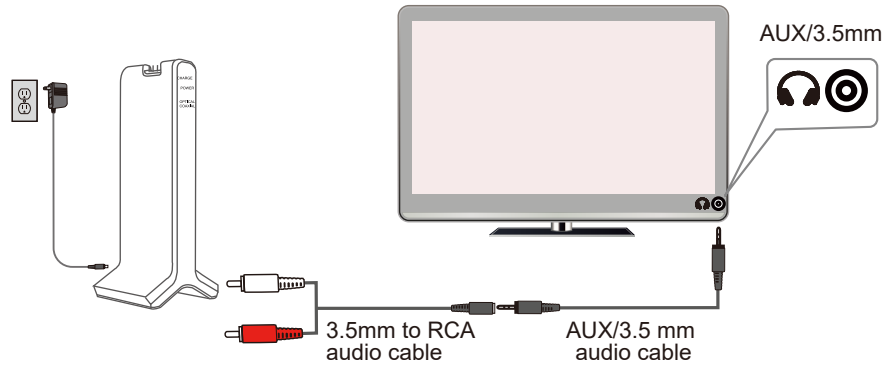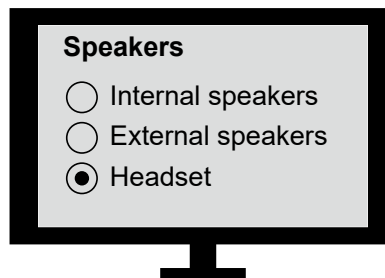- Ensure the Audio In Select Switch on transmitter is set to "RCA" position.
- Ensure use TV Red/White ports labeled "AUDIO OUT", other Red/White ports are incorrect
  (This is IMPORTANT).
- Ensure your TV Speaker is set to "External Speaker".
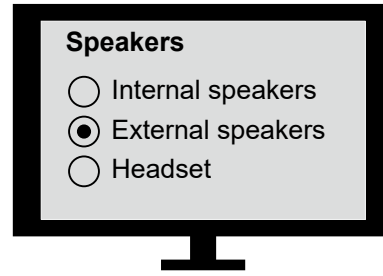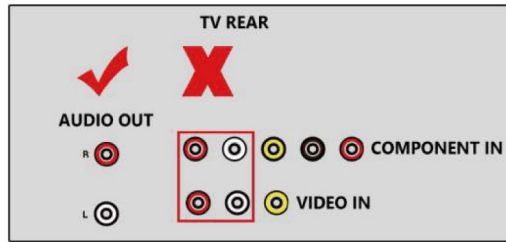
For AUX and RCA out, you can test the signal with the headphone by insert the audio wire directly into the headphone and see whether you can hear sound. If not, and need help for audio signal, you may contact TV manufacture support and ask how to set your TV audio out to the port you are using.

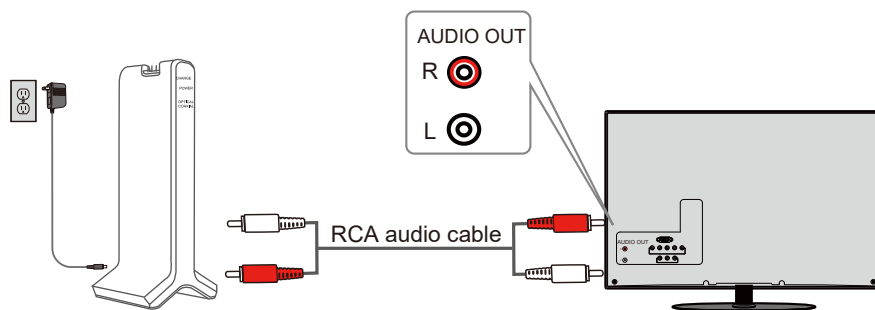## Use HT280 with your AV Receiver with 6.35mm PHONE jack

After turning on HT280 and connecting cables, you should be able to hear sound from your headphones; if not, Ensure the Audio In Select Switch on transmitter is set to "RCA" position.
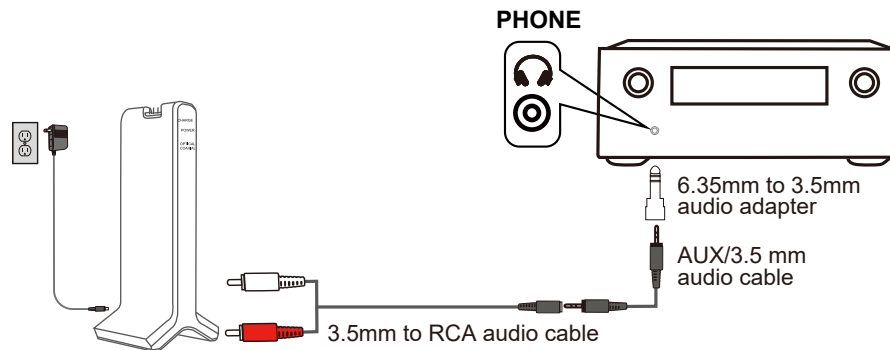
Tips

Adjust Volume on Headphone

Short press "+"or "-" to raise or lower the volume. One will hear "beep" when the volume reaches maximum.

After use

Power off the headphones - Press and hold the ⏻ for one second. The power indicator will turn off. Place headphones on the transmitter/charging dock to recharge.

Headphone charging

When headphone battery is low, headphone indicator will flash RED. You will also hear an "beep" from headphone once a minute. This means it's time to place headphone on the transmitter/charging dock for charging.

When headphone are properly seated on the transmitter/charging dock, the CHARGE indicator will light up

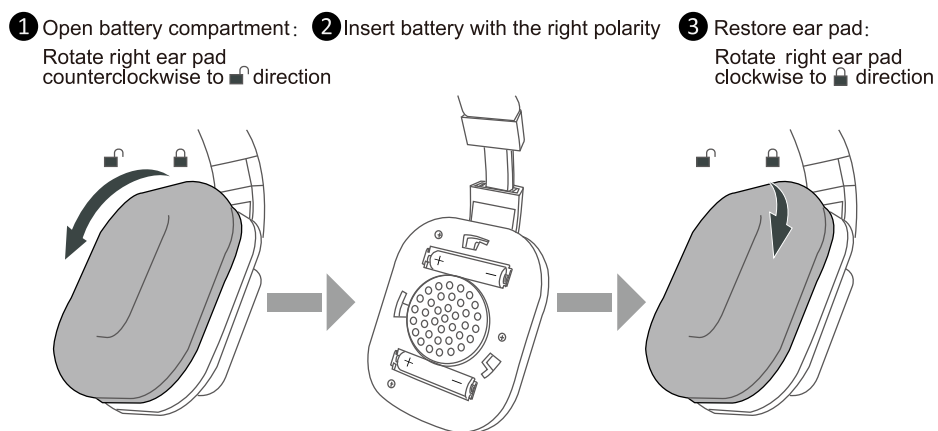**YELLOW-GREEN**. This means headphones are recharging properly. If headphone are not properly placed, the CHARGE indicator will not light up.

Once the charging is complete, the **YELLOW-GREEN** CHARGE LED on transmitter/charging dock will turn off. There is no need to remove headphone from transmitter/charging dock.

Replacing battery

If battery need replacing, ONLY replace with 2 X 1.2V NiMH rechargeable batteries.

1 Open battery compartment： **2** Insert battery with the right polarity   **3** Restore ear pad：
Rotate right ear pad counterclockwise to 🔓 direction   Rotate right ear pad clockwise to 🔒 direction

Better reception

HT280 work range reaches up to 100 feet, it may varies due to the environment.

If your headphone are picking up noise or interference, move closer to the transmitter.

Even within the work range, there may be some "dead spots" where the RF signal cannot be received. This issue is inherent with RF signals and does notindicate a faulty product. Just slightly move the transmitter and the "dead spot" can be corrected.

If no signal or low signal for 5 minutes

When there is no signal for 5 minutes, the transmitter will automatically power off and the transmitter POWER indicator will turn off. The transmitter will restart once the signal resumes, POWER indicator will turn **BLUE**.

If the signal input from your source is too low for 5 minutes, the transmitter may also turn off. In this case, raise the volume of the audio source to a higher level but without distortion. You may then need to lower the volume on your headphone.

If signal noise is output from your audio source, the transmitter may not turn off even though there is no audio signal.

User guide video

https://www.youtube.com/watch?v=9pysqoPgzsE

Troubleshooting

https://support.avantree.com/hc/en-us/sections/360000205406-HT280-WSHT-280-BLK-