

\* If your TV only supports single sound out (either the internal TV speakers or an external audio device), be sure to set the speaker to **"External Speaker."** And the internal TV speakers will be either automatically muted when you plug something into an audio out port (Optical/ AUX/RCA, etc.) or they become disabled once you choose **"External Speakers"** as your TV's audio output. It depends on TV circuit design. (Ref. Fig 2-11)



Fig 2-15

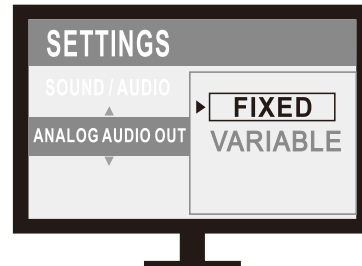


Fig 2-16

\* Your TV's analog audio settings may be set to **"Variable"** or **"Fixed"**. If you want to be able to control your TV volume level separate from your volume level, you will need to make sure your TV is set to **"Fixed"**. Contact your TV manufacturer for assistance. (Ref. Fig 2-16)

\* Setting menu may be different depending on different TV brands and models.

### 2.3.3 Option 3 3.5mm/AUX Connection

This part is an alternative to 2.3.1 and 2.3.2 on page 9-11. This part will explain how to connect the transmitter to your television, satellite, or cable box using a 3.5mm/AUX analog audio cable.

• If you connect the 3.5mm audio cable to the 3.5mm Audio Out port which is usually a headphone port on your TV, your SIMOLIO will still function properly, but the sound to your TV internal speakers will be muted. The port is usually labeled with a headphone icon.

#### Step 1. Hook up SIMOLIO to the 3.5mm Audio Out Port of the TV/other Audio Device

Plug one end of the 3.5mm audio cable into the **"Audio Out"** port on the back of the TV. Plug the other end of the audio cable into the port labeled **"AUX"** on the back of the transmitter. (Ref. Fig 2-17)

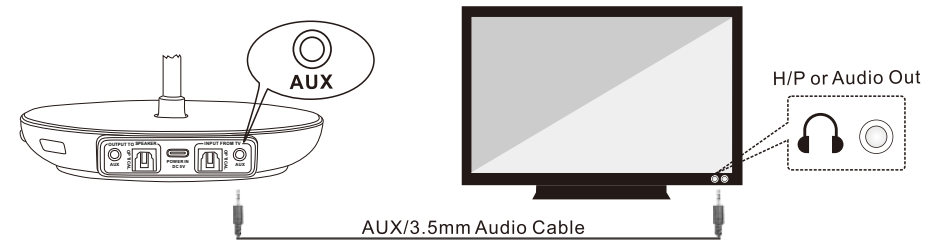


Fig 2-17

#### Step 2. TV Audio Out / TV Speaker Setting (use TV remote control)

If you can not hear sound from your headphones after connecting:

- Set the TV sound out or speakers to **"Headset"** if available. (Ref. Fig 2-18)
- Use the AUX/3.5mm cable to plug the headphone into the headphone/ 3.5mm audio output of the TV to test if you can hear the TV sound. (Ref. Fig 2-19)

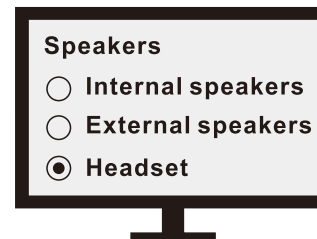


Fig 2-18

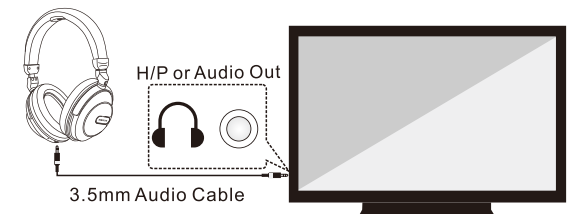


Fig 2-19

#### Notes:

\* Your TV's audio settings may be set to **"Variable"** or **"Fixed"**. We recommend that you set your audio settings to **"Fixed"** for better audio quality when using this installation option. If you want to be able to control your TV volume level separate from your SIMOLIO volume level, you will need to make sure your TV is set to **"Fixed"**. Contact your TV manufacturer for assistance.

\* Setting menu may be different depending on different TV brands and models.

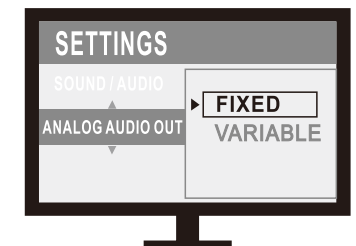


Fig 2-20

### 2.3.4 Option 4 Simultaneous Listening with a Soundbar

The bypass function allows you to listen through both the headphones and an external soundbar / stereo AVR simultaneously.

Please make sure you use the same type of input/output.

e.g., if you're using optical cable to connect the wireless transmitter to TV, please use optical cable to connect to the sound system. (Ref. Fig 2-21)

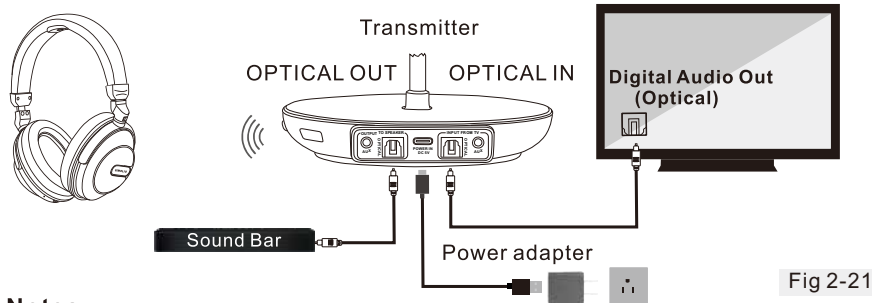


Fig 2-21

#### Notes:

\* When you just want to listen to the audio from the wireless TV headphone, just turn off your sound system.

\* If you can not hear sound from your headphone after connecting, follow the part on page 9-13 to check your settings.

### 2.3.5 Other Options in Special Cases

#### 1 TV/Audio Source Only has Digital Coaxial Audio Out port

Step 1. Purchase a Digital to Analog Converter and Set up as Shown in Fig 2-22

If your TV/Audio Source only has a digital coaxial audio out port, you will need a digital to analog converter (e.g. SIMOLIO SM-DAC01) for installation.

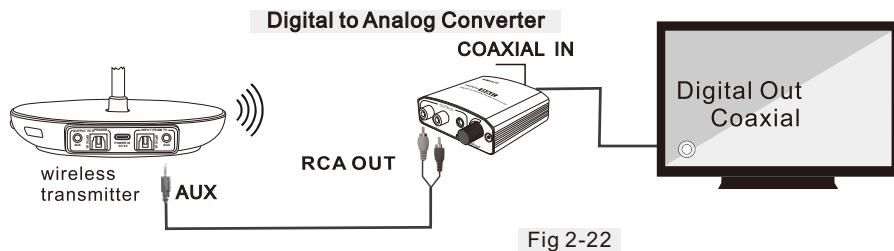


Fig 2-22

Step 2. Please follow the part of 2.3.1 on page 9-10 for TV audio format and speaker setting.

- If you can not hear sound from your headphones after connecting:
- Use the 3.5mm AUX cable to plug the headphone into the H/P port of the DAC to test if you can hear the TV sound. (Ref. Fig 2-23)

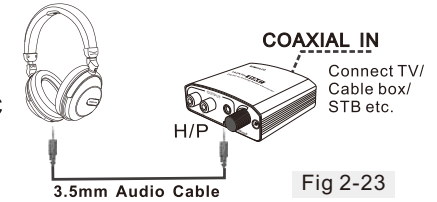


Fig 2-23

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

#### 2 If You Want to Connect to Your AV Receiver

Step 1. Purchase a 6.35mm to 3.5mm Adapter and Set up as Shown in Fig 2-24

SIMOLIO JH-737D is not compatible with ANY RCA(L/R) ports on your AV Receiver, ONLY use the BIG 6.35mm PHONE OUT on front side of your AV Receiver with the 6.35mm to 3.5mm adapter (purchase separately).

**Note:** This setup will mute your external speakers.

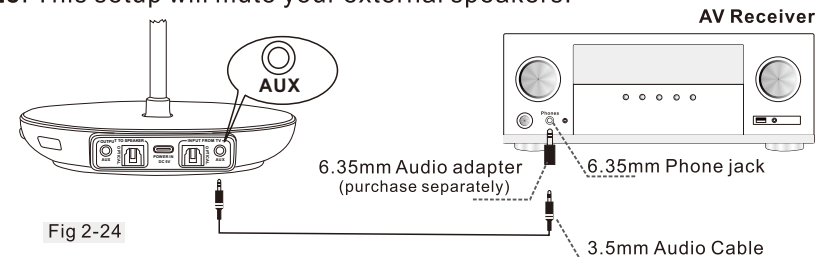


Fig 2-24

Step 2. Check the Performance of the AV Receiver's Audio Output as Shown in Fig 2-25

If you can not hear sound from your headphones after connecting:

- Use the AUX cable and 6.35 to 3.5mm converter to plug the headphone into the port on AV receiver to check whether the sound is normal.

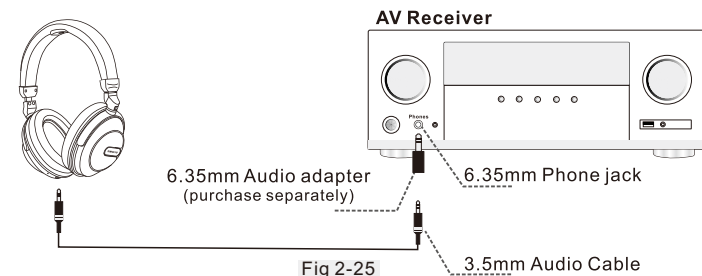


Fig 2-25

### 3 TV/Audio Source Only has HDMI (ARC) Port

If your TV/Audio Source only has an HDMI (ARC) port, you will need a HDMI ARC converter (purchase separately) for installation. (Ref. Fig2-26)

**Step 1.** Connect the HDMI ARC Converter to your TV: Plug an HDMI cable (not included) into your TV's HDMI ARC port, then connect the other end to the HDMI ARC converter's HDMI ARC port.

**Step 2.** Connect the transmitter to the HDMI ARC Converter: Plug the optical cable into the transmitter's Optical In port, and plug the other end to the HDMI ARC converter's Optical Out port.

#### Step 3. TV Audio Out Checking and Setting

- The HDMI port only supports TV HDMI ports labeled "ARC".
- Please use the HDMI 2.0(19+1) cable (not included), because some brands of HDMI 1.4 cable omit the ARC core, resulting in no sound output.
- Set TV Sound Out to HDMI ARC Out (Ref. Fig 2-27).

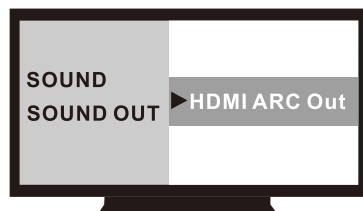


Fig 2-27

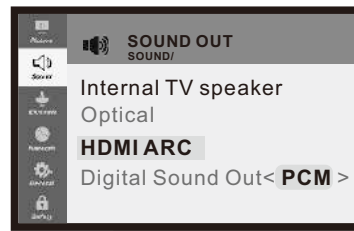


Fig 2-28

• Set your TV's audio output to PCM: Using your TV remote, navigate to: **Settings > Audio > HDMI ARC > PCM**. (Ref. Fig 2-28).

• Volume control not working? Enable your TV's CEC function: By default, CEC is usually turned off. Turn it on via: **Settings > HDMI Settings > HDMI-CEC**.

\*The setting menu may vary depending on your TV model.

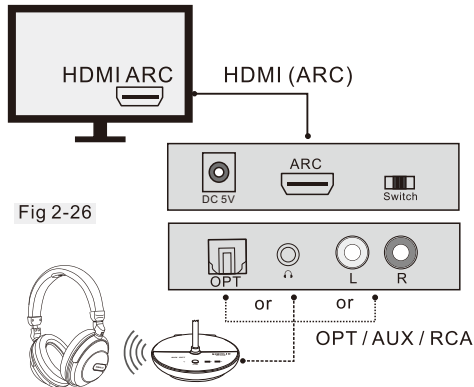


Fig 2-26

### 3. How to Add More Headphones to the Transmitter

You can add more JH-737D headphones to your setup while maintaining low latency. ONLY headphones JH-737D are compatible due to private protocol connections.

- Step 1.** Turn on your transmitter, press the "PAIR" button for 3 seconds until the LED indicator flashes GREEN quickly.
- Step 2.** Turn on your additional 737D headphones, slide the BT/TV switch to the "TV" position, press and hold both the + and - buttons for 3 seconds until the LED indicator flashes GREEN quickly to enter pairing mode.
- Step 3.** Keep them close and wait for 2 seconds. Once connected, the headphones' & transmitter's LED indicators will turn solid GREEN, and you will hear "TV Connected" from the headphones.

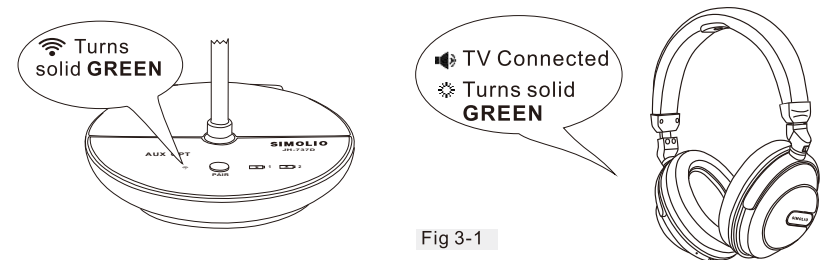


Fig 3-1

### 4. How to Use the Headphone Separately with Your Phone / Tablet

To use the headphone separately with your Bluetooth device, please follow the below steps:

- 1) Ensure the transmitter is OFF.
- 2) Power on the headphone. Slide the switch on the headphone to the "BT" position and the headphone will enter to pairing mode automatically.
- 3) Turn on Bluetooth on your smart phone/ tablet. Find & select "SIMOLIO 737D Plus" to pair and connect. Once successfully paired, you will hear "Bluetooth Connected", and you can also check the pairing status on your phone/tablet.

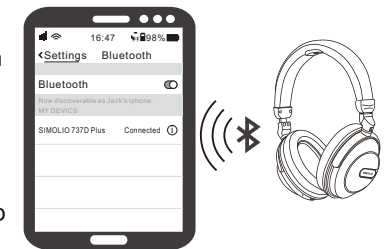


Fig 4-1