

Full HD
1080

Wireless HDMI AV Sender

5GHz Digital Frequency Band Transmission

User Manual



(Model No.: AR-1912)

Description

This 5GHz Wireless HDMI Link adopts 802.11 and two high performance omnidirectional antennas to improve the reception range. It consists of one transmitter and one receiver. This device transmits Full HD video and Hi-Fi stereo or surround sound from your Blu-Ray player, DVD, PC, NB, Tablet, Satellite Receiver or Set-top box to HDTV or monitor equipped with HDMI ports.

The transmission signal can go up to 35 metres clear line-of-sight and can work through obstacles. With the built-in IR remote extender, it allows the user to remotely control the audio/video sources from the receiver side in the other rooms.

Also, with 5GHz frequency band transmission capability, there will be no more annoying interference problem bothering you. All these advanced features will make your home life amazingly convenient and pleasant.

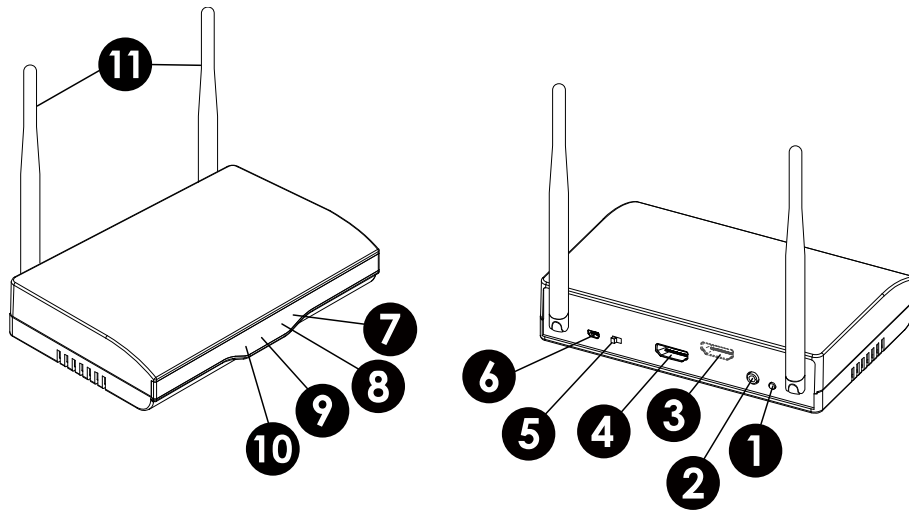
Features

- 32-bit MCU, 160MHz, 8KB memory cache
- Wireless full 5GHz frequency band transmission (5.15~5.82GHz)
- Up to 35 metres transmission range.
- Two omnidirectional 5dBi antennas for both transmitter and receiver.
- Full HD 1920x1080 @ 30fps video resolution.
- Up to 2M pixel still image resolution.
- Supports Stereo to 7.1 channels surround audio.
- IR remote control for video source from receiver side.
- Supports AC'97 controller for audio
- PAL & NTSC compatible.

Inside the Box

- 1 x. – Transmitter with two detachable antennas.
- 1 x. – Receiver with two detachable antennas.
- 2 x. –Power Adaptor (Mini USB plug)
- 1 x. – IR LED Cable
- 1 x. – This User's Manual

VIEW



Transmitter

IR LED cable



1. RESET key

2. External IR LED Jack

3. N/A

4. HDMI INPUT port

5. ON/OFF switch

6. DC IN Jack

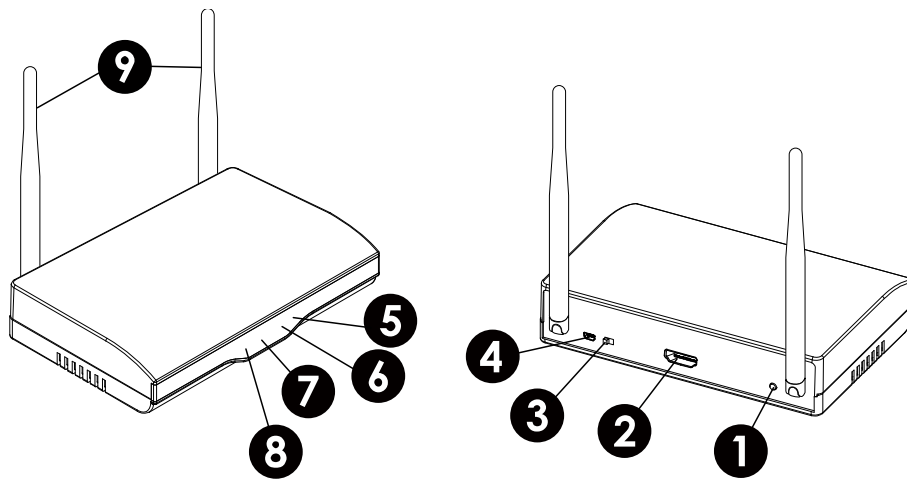
7. POWER LED

8. IR signaling indicator

9. IR Emitter

10. Wireless signaling indicator

11. 5GHz Antennas



Receiver

- | | |
|---------------------|---------------------------------|
| 1. RESET key | 5. POWER LED |
| 2. HDMI OUTPUT port | 6. IR signaling indicator |
| 3. ON/OFF switch | 7. IR sensor |
| 4. DC IN Jack | 8. Wireless signaling indicator |
| | 9. 5GHz Antennas |

SETUP

Setup for Transmitter

Connect any audio & video source which has HDMI output port, such as DVD player, SAT, PC/NB, Tablet, smart phone, ..., etc., to the transmitter with a HDMI cable (not provided), then rise up the antennas.

Install IR LED cable to AV sources and Transmitter

1. Plug the connector of the IR LED cable into socket on the rear panel of the transmitter.
2. Find the IR sensor on the AV source device you wish to control. (Consult the user's manual of the AV source device.)
3. Place the IR LED eye of the cable close and pointing towards (do not place over) the IR sensor of the AV source device or stick on it using the double-sided sticky tape provided.

Setup for Receiver

Connect both TV and receiver HDMI port with a HDMI cable (not provided), and then rise up the antennas.

OPERATION

Play

1. Turn on your TV and switch to HDMI channel.
2. Power on the Transmitter and Receiver.
3. Turn on your AV source device.

Note:

You have to wait about 45 seconds for system to perform channel search and adjust TV resolution, and then you will see the video on TV.

Using the Remote Control at Receiver

Point your AV source remote controller toward the HDMI receiver IR sensor window and push a button.

RESET

If interference happens or system hangs up, press “RESET” keys on both the transmitter and the receiver to restart.

Troubleshooting

If a problem occurs, first refer to this Troubleshooting Guide before you take the device for repair. Under no circumstances should you attempt to repair the device by yourself, as this would invalidate the warranty.

No Video

- Make sure the AV device & the transmitter and receiver are powered on and working.
- Verify that all connections are properly made.
- Press RESET keys on both the transmitter and the receiver to restart.

No Audio

- Make sure the AV device, the transmitter and the receiver are powered on and working.
- Verify that all connections are properly made.
- Make sure audio level into the transmitter is high enough (at least 50%~60% scale).
- Press RESET keys on both the transmitter and the receiver to restart.

Audio is distorted

- Adjust audio output level of your source device to a lower volume.
- Check if HDMI transmitter & receiver are properly connected.
- Make sure the distance between transmitter and receiver is within 35 metres and without any obstacles in between. Reduce the distance if there are obstacles in between.

Poor picture

- Make sure the distance between transmitter and receiver is within 35 metres and without any obstacles in between. Reduce the distance if there are obstacles in between.
- Adjust the antennas orientations on the transmitter & receiver
- Move the receiver around slightly to get the best and most stable picture quality.

The remote control of AV source does not function

- Press RESET keys on both the transmitter and the receiver to restart.
- Shorten the distance between transmitter and receiver to less than 35 metres
- Ensure IR Emitter is not over the IR Sensor.