

Wireless HDMI Transmitter and Receiver

MODEL:WL009 (WL010)

User Manual

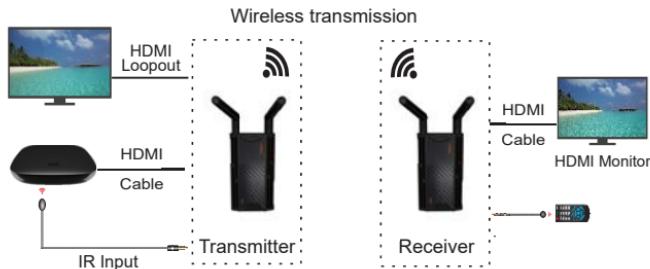
Made in China

1. Product Introduction

WL009 (WL010) HDMI extender transmits HD audio signals through wireless Wi-Fi. At the same time it supports infrared remote control back to control function. The device has excellent image processing and transmission capabilities and can make signal transmission more smooth and stable, it is a cost-effective HDMI signal transmission device.

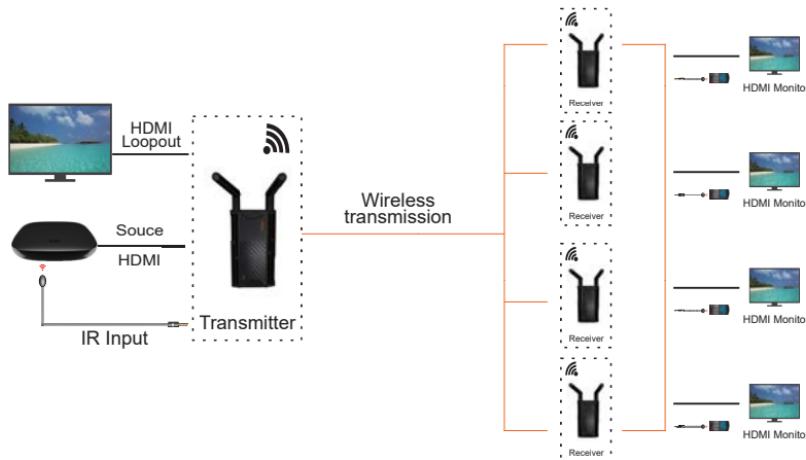
2. Connection diagram

1. Wireless One to One (As the below picture 1-1)



1-1

2. Wireless one to many (UP to 4RXs , As the below picture 2-1)



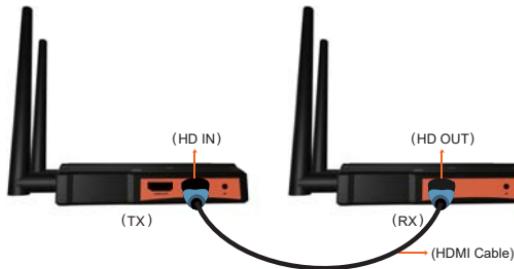
Attention:



Noted:

Add each new RX, the new RX need to be paired with TX at the first time.

1. Power up RX and TX with 5V2A power adapter.
2. Connect the new RX's "HD OUT" and TX's "HD IN" with the HDMI cable.
(As the below picture 2-2).
3. About waiting for 30 seconds, check the indicator, if the LED of TX end change to green flashing light, and then wait for more 5 seconds, it means the new RX is paired to TX successfully.



2-2

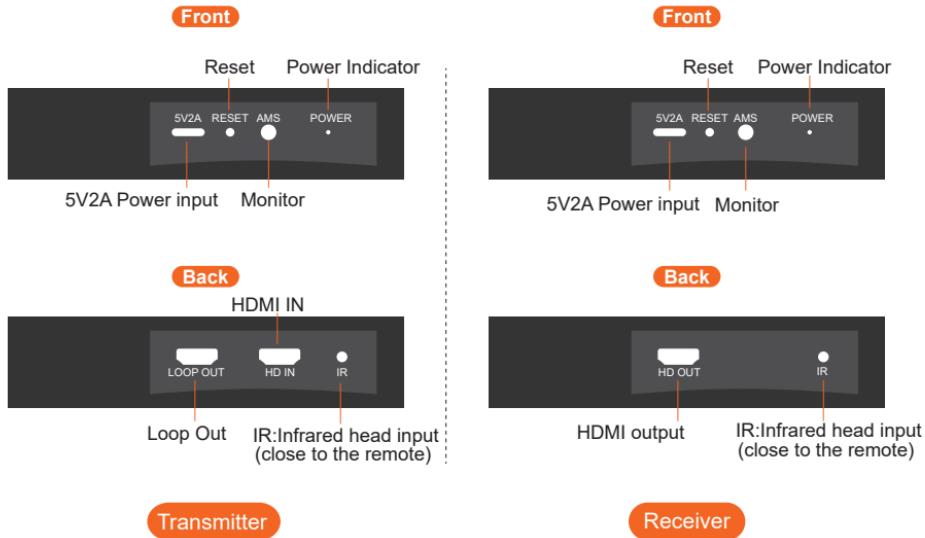
3. Main features

- ◆ Monitoring function.
- ◆ Wireless transmit HDMI signal, wireless transmission distance can up to 200m under the environment without interference;Support remote control back to control the video source.
- ◆ Built-in ESD electrostatic protection circuit, all-round protection system security.
- ◆ Easy to install, plug and play, no need to set.

4. Installation steps

1. First connect the HDMI cable, the signal source connect Sender (transmitter) IN input; local display device connect Sender (transmitter) OUT output.
2. Then connect the receiver to a remote display device (such as a television, a splicing screen and so on).
3. IR remote control function: pay attention to the infrared head of the sender should face and close to the signal source. As the picture you can reference the connection diagram to get more detail.

5. Interface Description



6. FAQ

Q: Receiver Screen shows “searching TX....”

A: 1) Check sender, whether the power supply of sender is connected well and the power indicator led is on.

2) Check whether the transmission distance exceeds the device's limitation or there are too many obstacles, for example walls. try to other installed positions that can reduce the obstruction.

3) Check the signal strength indication of the receiver ([picture 01](#))
Try to enhance the installation and placement of wireless devices,
Ensure signal reception at the receiving end.



Picture 01

Q: IR remote control has no response?

A: 1) Check if the infrared head is inserted oppositely, please make sure the logo is installed correspondingly.

2) Make sure whether the IR sender head face to the receiver of the signal source. as the ([picture 02](#)) shows.

3) Make sure if the infrared frequency is in the controllable range 20KHz~60KHz.



Picture 02

7. Parameter

Parameter name	Detailed Description
supporting agreement	HDMI 1.3; HDCP 1.3
Max resolution support	1920×1080P@60Hz
Infrared remote control frequency range	20 ~60KHz
Wireless standard	802.11a/b/g/n/ac
Max wireless transmission distance	200m(no obstacles)
Operation Temperature	-5 °C - +70 °C
Working humidity	5% - 90%
Wireless transmission frequency	2.4G WIFI/5G WIFI

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.