



Portable 5.8GHz Wireless 1080p HDMI AV Sender



User Manual
AR-1909

Box Contents:



1 x HDMI Transmitter



1 x HDMI Receiver



1 x Infrared Emitter



1 x Infrared Receiver



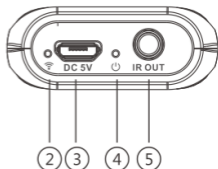
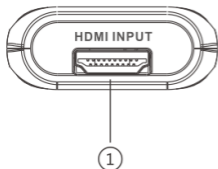
1 x USB TX Power Cable



1 x Mains Power Adaptor

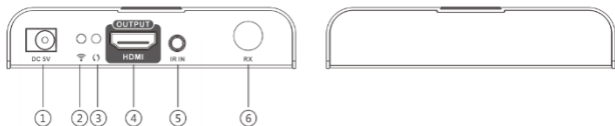
Product Diagram:

Transmitter:



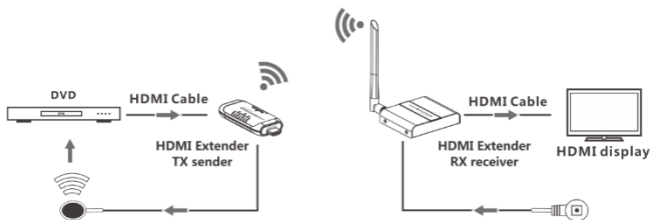
#	Feature:	Description:
1	HDMI Input	Connect to the HDMI source device
2	Wireless Connection LED	Displays the TX/RX wireless connection
3	Micro B 5VDC USB Power Socket	Connect to the USB power cable
4	Power LED Indicator	Displays the power status
5	Infrared Output	Connect with the Infrared Emitter

Receiver:



#	Feature:	Description:
1	DC Power Socket	Connect to the 5VDC mains power adaptor
2	Wireless Connection LED	Displays the TX/RX wireless connection
3	Data Transmission LED	Flashes slowly on initial connection Flashes rapidly when successfully connected
4	HDMI Output	Connect to a TV or Monitor
5	Infrared Input	Connect with the Infrared Receiver
6	Antenna Socket	Connect to the antenna

Connection Diagram:



Operation:

Transmitter:

1. Connect the transmitter's HDMI plug into the HDMI input of your source device such as a laptop or PC.

2. Connect the USB micro B power cable to the USB socket of your laptop, PC or a suitable 5VDC USB mains power adaptor.

Note: Some devices don't require power to be connected. Only connect the power cable if no video is showing.

3. Connect the Infrared (IR) emitter cable to the IR Out socket located on the transmitter.

4. Peel off the 3M sticker located on the back of the infrared emitter and stick the emitter in front of the infrared port of your device such as Pay TV, DVD player or media player. The remote control of your device will still work even with the emitter placed over the top of the infrared port.

Please refer to your devices user manual if you're unsure of where the infrared port is located.

Note: If your source device such as a laptop or PC doesn't require infrared for a remote control then the IR emitter is not required to be connected.

Receiver:

1. Connect the DC plug of the mains power adaptor to the power socket of the receiver. Plug in the mains power adaptor to a 240VAC wall socket and turn it on.
2. Connect a HDMI cable (not included) from the HDMI output of the receiver to your TV or Monitor's HDMI input.
3. Connect the Infrared (IR) receiver cable to the IR In socket located on the receiver.
4. Peel off the 3M sticker located on the back of the infrared receiver and stick it in the front corner of your TV or your desired location. You will be able to use your original remote of your device to change channels, volume etc.
5. Once everything is connected and switched on, you will see the LED indicators light up and the video will be transmitting to your TV or monitor.

Troubleshooting:

Problem	Solution
No video is displayed	Re-position the transmitter and receiver closer together as it may be out of range. Walls and solid objects will reduce the transmission range
	Check to see if your source device and TV's/monitors are all switched on
	Reconnect the HDMI cable on the receiver
	Reset the receiver
	Check to see if the wireless connection LED is lit on the receiver
	Check to see the USB cable of the transmitter has enough power you're your source device otherwise you will need to connect it to a 5VDC,1A USB mains power adaptor

LED indicators won't show	Check to see if the mains power adaptor is connected properly and switched on
	Reconnect the HDMI cable on the receiver
	Check if the source device and TV/monitors are all switched on
Image is flickering or unstable	Re-position the transmitter and receiver closer together as it may be out of range
	Reset the receiver
	Reconnect the HDMI cable on the receiver
	Turn off any other 5.8GHz device near the device to avoid interference

FAQ:

1. Q: Why am I only getting a short wireless distance?

A: The transmission distance will be reduced when obstacles are between the transmitter and receiver such as walls or solid objects.

2. Q: Can an additional HDMI receiver be connected?

A: No; This unit operates on a point to point connection only.

Safety:

1. Do not open or repair the device without professional assistance to avoid electrical shock.
2. Do not expose this unit to water, moisture or any liquid
3. Position the unit in a well ventilated area to prevent the unit from overheating.
4. Only use the supplied 5VDC, 2A power adaptor.
If you use any third party power supplies, ensure the voltage is the same to prevent the unit from damage.

Specifications:

Wireless Frequency: 5.8GHz

Wireless Range: Up to 20m

HDMI: 1.3a

HDCP: 1.4

Resolution: 1080p (1920 x 1080) @ 50/60Hz

1080i (1920 x 1080) @ 50/60Hz

720p (1280 x 720) @ 50/60Hz

576p (720 x 576) @ 50Hz

576i (720 x 576) @ 50Hz

480p (640 x 480) @ 60Hz

480i (640 x 480) @ 60Hz

Audio: L/R Stereo Audio

Maximum Transfer Rate: 10.2Gbps

Latency: \leq 200ms

Infrared Frequency: 20-60KHz (Supports IR Passback)

Power Consumption: 600mA Max (Transmitter)

1A Max (Receiver)

Power: 5VDC, 1A (Transmitter)

5VDC, 2A (Receiver)

Dimensions: 89(L) x 39(W) x 15(H)mm (Transmitter)

132(W) x 95(D) x 20(H)mm (Receiver)

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