

Wireless Infrared Remote Control Extender



User Manual AR-1866

Box Contents:



1 x Infrared Transmitter



1 x Infrared Receiver



1 x Infrared Emitter Cable



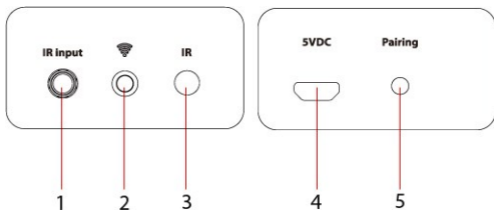
1 x Infrared Receiver Cable



2 x Mains Power Adaptors

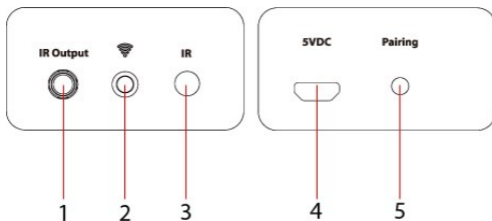
Product Diagram:

Transmitter:



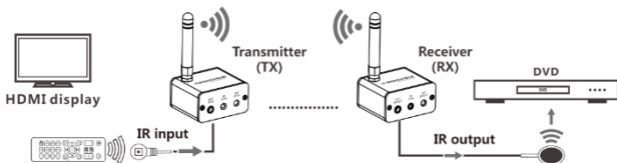
#	Feature:	Description:
1	Infrared Input	Connect with the Infrared Receiver cable
2	Wireless Connection LED	Displays the TX/RX wireless connection
3	In-Built Infrared Port	Control the infrared signal using this port
4	Micro B USB Power Socket	Connect to the 5VDC mains power adaptor
5	Pairing Button	Press to pair the units together

Receiver:



#	Feature:	Description:
1	Infrared Output	Connect with the Infrared emitter cable
2	Wireless Connection LED	Displays the TX/RX wireless connection
3	In-Built Infrared Port	Control the infrared signal using this port
4	Micro B USB Power Socket	Connect to the 5VDC mains power adaptor
5	Pairing Button	Press to pair the units together

Connection Diagram:



Operation:

Transmitter:

1. Connect the USB micro B plug of the mains power adaptor to the power socket of the transmitter. Plug in the mains power adaptor to a 240VAC wall socket and turn it on.
2. The in-built infrared port will now be able to operate your original remote control to change channels, volume, etc.
3. You can use the infrared extension cable by connecting the infrared (IR) receiver cable to the infrared input of the transmitter.
4. Peel off the 3M sticker located on the back of the infrared receiver cable 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.

Receiver:

1. Connect the USB micro B 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 the Infrared (IR) emitter cable to the IR output socket located on the receiver.
3. 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.
4. Once everything is connected and switched on, you will see the LED indicators light up and now should be transmitting the infrared signal.

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

Pairing:

By default; this device is already pre-paired between the transmitter and receiver. If you wish to add additional receivers, then it can support up to 5 additional units however no additional transmitters can be added.

Please use the following pairing setup procedure:

1. Connect the original transmitter and receiver to power and turn the units on.
2. Connect the second receiver to power and turn the unit on.
3. Press and hold the pairing button for up to 4 seconds on the second receiver until it enters pairing mode. The LED indicator should be now flashing.
4. Press and hold the pairing button of the transmitter for up to 4 seconds until it enters pairing mode.
5. The LED indicator will turn off once the transmitter and receivers have been paired properly.
6. Repeat the pairing process if you have purchased additional receivers. Pair the third, fourth and fifth unit one at a time until each has been paired.

Troubleshooting:

Problem	Solution
Infrared Won't Transmit	<p>Re-position the transmitter and receiver closer together as it may be out of range.</p> <p>Walls and solid objects will reduce the transmission range</p> <p>Check to see if the infrared emitter and receiver are connected properly</p>
	<p>Reconnect the mains power adaptors and check both the transmitter and receiver is turned on</p>
	<p>Check to see if the infrared receiver is attached properly to the source device's infrared port otherwise it won't transmit</p>
	<p>Make sure the control distance of the remote control is at least 0.5m away</p>

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 infrared transmitter or receiver be connected?

A: This can only support up to 5 additional receivers however, it is unable to support additional transmitters.

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 liquids.
3. Position the unit in a well ventilated area to prevent the unit from overheating.

Specifications:

Wireless Frequency: 433MHz

Wireless Range: Up to 50m

Infrared Frequency: 20-60KHz

Infrared Range: Up to 5m

Infrared Angle: 30°

Power: 5VDC, 1A (Micro B USB)

Power Consumption: 60mA Each (Max)

Dimensions: 121(D) x 95(W) x 20(H)mm (Each)

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