

# User Manual

## HDMI Wireless Extender



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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

Thank you for purchasing this Wireless HDMI Extender. For optimum performance and safety, pls read this instructions carefully and keep the manual for future reference.

## Important Safety Precautions

- Please read the below safety instructions carefully before installation operation:
- Please pay attention to all the warnings and Tips.
- Do not expose this unit to rain,moisture and liquid.
- Do not put any stuff into this device.
- Do not repair the device or open the enclosure without professional person guidance to avoid electronic shock.
- Make sure good ventilation openings to avoid product overheating damage.Shut off Power and make sure environment is safe before installation.
- Use DC 5V only.Make sure the specific action match if using third party DC adapters.

## Transmission Distance:

1. Outdoor open space 50m.
2. 30m without wall penetration indoors.
3. 5-15m through a wall.
- 4.The above distanceis for reference only, becauseofthe site,environment,interference, wall andother factors,It has a greatimpact on the wirelessstransmission effect,and the actual distance can betrasmittedin use

## 1.Introduction

The HDMI wireless extender provides an easy way to extend the HDMI signal in open environments up to 50 meters.

## 2.Features

- 1. This Wireless HDMI extender consists of transmitter unit and a receiver unit.
- 2. Supports multiple resolutions, including 480i/576i ~ 1080P@50/60hz.
- 3. Support 5.8G dual frequency, fast transmission speed, strong anti-interference ability.
- 4. The external antenna supports the long-distance transmission of 50 meters in the maximum space expansion environment (pay attention to the surrounding environment Interference).
- 5. Plug and play,Free APP,Free Driver,Free to connect the Internet.

### 3.Parameter

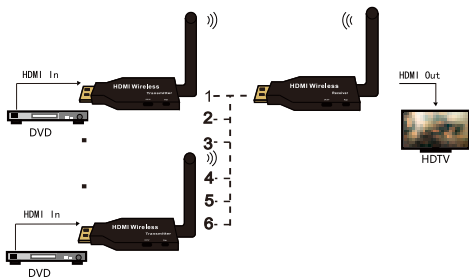
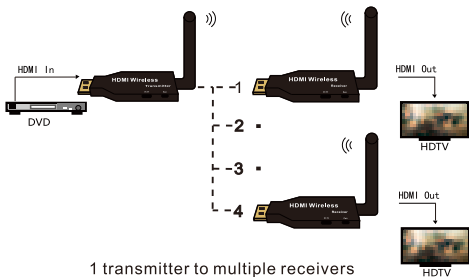
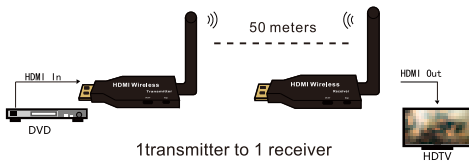
Parameter		Description
Video	HDMI and HDCP Version	HDMI V1.3
	Compressed Format	H.265
	Maximum Pixelclock	165MHz
	Maximum Data Rate	6.75Gbps
	Resolution	Max1920X1080P@60HZ
	Connector	HDMI-A
	Impedance	100 $\Omega$
WIFI	Gain	13dbm
	Wireless Standards	802.11 AC signal
	Signal Direction	Unidirectional
	Radio Frequency	5.8G
	Transmission Distance	50 meters
Other	Power	Adapter: DC 5V=1A
	Power Consumption	Transmitter Max 5W/ Receiver Max 5W
	Operation Temperature	-5°C~+70°C
	Humidity Operation	5%
	Size Product	103*38*17mm

## 4.InterfaceS pecification



1. HDMI input
2. HDMI output
3. Power indicator
4. Working status indicator
5. Power input DC/5V
6. The antenna
7. Pairing key

# 5.Connection diagram



## 6.Set up

### Transmitter

1.Connect the transmitter to the hdmi out port of the HD player  
( DVD,set-up box,laptop,PC, camera,etc. )

### Receiver

2.Connect the receiver to the hdmi input of the display  
( HDTV,projector,monitor,etc.)

## Power connection

**(Be sure to connect the USB port for power supply firstly,  
then connect the HDMI port.)**

Connect one end of the supplied USB power cable to a USB powered device,  
and the other end to the DC/5V ports of the transmitter and the DC/5V  
input ports of the receiver.

The "Power" LED indicator will be light up when the device is powered on.

When TX and RX are connected, but TX does not detect the HDMI input signal,  
the display prompts " Check TX's input signal "

When the resolution is not supported, it will prompt "Not supported,  
change Source resolution!"

# 7. Pairing method

**Note:** The product has been paired before leaving the factory, no need to re-pair, if it can't be used normally, the USB power supply of the device may be insufficient, please switch to the mobile phone charger for power supply, if it still cannot be used normally, then re-pair it. The pairing method is as follows:

## **One to one pairing method (one transmitter and one receiver)**

1. Firstly, press and hold the Pair button of the transmitter, then turn on the power, wait for the green light to flash and then release the button, then press and hold the receiver's Pair button, then turn on the power, wait for the green light to blink and then release the button.
2. Connect the transmitter and receiver with HDMI dual female adapter, wait for the green light of the receiver to light up. If the receiver is still blinking, it means the pairing has been completed. If the receiver is still blinking, it means the pairing is unsuccessful, please disconnect them and re-pair them.
3. After the pairing is completed, disconnect the transmitter and receiver from the power supply, unplug the HDMI dual female cable and wait for a few seconds.

## **One to many pairing method (one transmitter and multiple receivers):**

1. According to the above one-to-one pairing method, first pair a transmitter with the first receiver, then pair this transmitter with the second receiver. And in the same way pair this transmitter, then pair it with the third receiver and the fourth receiver one-to-one. When all receivers are paired with the same transmitter one-to-one successfully, the pairing is completed and can be powered on and used.  
(Note: One-to-many supports one transmitter to four receivers at most)



## **Pairing method of one-to-one transmitter (multiple transmitter and one receiver);**

1. Firstly, press and hold the Pair button of the receiver, then turn on the power, wait for the green light to flash and then release the button, then press and hold the Pair button of the transmitter, then turn on the power, wait for the green light to flash and then release the button.
2. Connect the receiver and transmitter with HDMI dual female cable, wait for the green light of the transmitter to light up. If the receiver is still blinking, it means the pairing is completed. If the transmitter is still blinking, it means the pairing is unsuccessful, please disconnect the power of both of them and re-pair.
3. After the pairing is completed, disconnect the receiver and transmitter, unplug the HDMI dual female cable and wait a few seconds after Power on again, the receiver and transmitter green light are in blinking state that has been paired successfully.
4. According to the one-to-one pairing method, The first transmitter will be paired with the receiver, after successful pairing, the second transmitter will be paired one-to-one with the receiver, and so on will be the third, fourth, fifth and sixth transmitters respectively with the same receiver. When each transmitter is successfully paired with the same receiver, the pairing is completed and the power can be turned on. (Remarks: Multi-pair support up to six transmitters to one receiver)

## 8.Precautions & Common problems

Note 1: Be sure to connect the USB port for power supply first, then connect the HDMI port.

Q1:The monitor doesn't show anything English letters.

A1: First choose the correct HDMI channel of the display device

Q2: After all the devices are connected in 1 minute, The LED light does not blink.

A2: 1. Replace the power supply;  
2.Transmit and receive close distance,  
3.Re-pair(Refer to the previous pairing method)

Q3:The screen displays checkTX's input signal.

A3: 1. Use a wired connection to see if you can draw a picture and ensure that the signal has an output image:  
2.Replace the power supply;  
3.reconnect, pay attention connect the USB port for power supply first, then connect the HDMI port.

## 9.Packing List

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