WIRELESS HDMI EXTENDER KIT SUPPORTING 1080P WITH KVM 200M

Quick Installation Guide
Ver. 1.0

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INTRODUCTION:

Congratulations on your purchase of this outstanding wireless HDMI sender. The wireless HDMI sender is a private protocol-based end-to-end solution for interactive,multi-room wireless display and home video distributon,which allows end users to play any video remotely on another screen with no discernable lag even if the device is located in a different room.
The product includes a Wireless HDMI Transmitter(TX) box and Wireless HDMI Receiver(RX) box. Wireless HDMI Transmitter(TX) is awireless HD Streaming device that canwirelessly send video from PC/DVD player/Set top box/game console to other display. Wireless HDMI Receiver(RX) is a wireless HD streaming device that can wirelessly receive video sent from TX.
The TX/RX compatible with any devices with a HDMI output, like set-top box, DVD & Blu-Ray player, PC, game console, etc.

FEATURES:

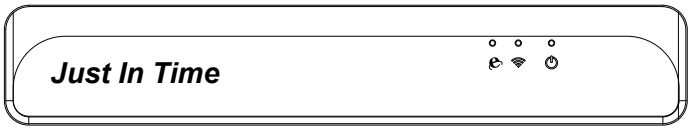
- Compatible with any devices with HDMI jack, like set-top box/DVD/Blut-Ray player/PC/Xbox/ps4
- End user can control the devices in different room by IR remote/keyboard/mouse
- Multi-room wireless display Up to 200-300 meters (no wall and little interference)
- Undetectable latency 16ms High reliability
- Support 1080P video compression
- 2.4G Connectivity

PACKAGE CONTENTS:

- 1 x TX
- 1 x RX
- 1 x USB Cable
- 1 x IR Emitter Cable(ForTX)
- 1 x IR Receiver Cable(For RX)
- 2 x AC/DC Adapter
- 1 x Manual

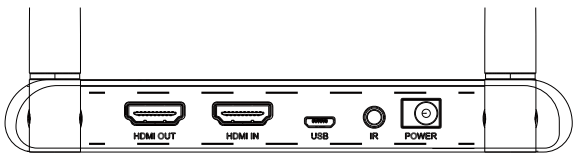
PRODUCT OVERVIEW:

TX front panel:



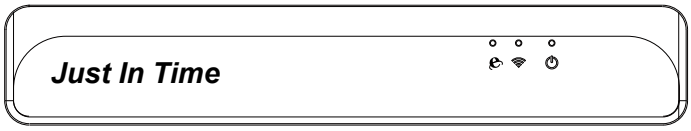
LED Indicators (from right to left)
Power:Red lightafter powered on,will change to blue when detected HDMI in.
WiFi:Lighting when wifi works,flickering when data transferring.
Pair:Blinking when unpaired,blue light when paired.

TX rear panel:



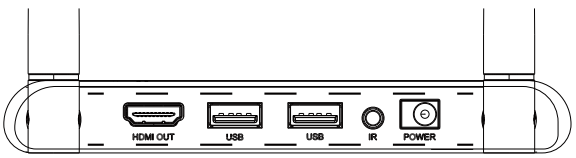
HDMI out: connect with TV/display
HDMI in: connect with any devices with HDMI jack(PC/DVD Player/set top box/game console...)
USB:keyboard/mouse signal extending function
IR:IR signal extending function,to insert the IR emitter cable which includes in the box.
Power: DC in (5V,2A)

RX front panel:



LED Indicators(from right to left)
Power: Red light after powered on,will change to blue when TV/display/projector start to receive video from TX.
WiFi: Lighting when wifi works,flickering when data transferring.
Pair: Blinking when unpaired,blue light when paired.

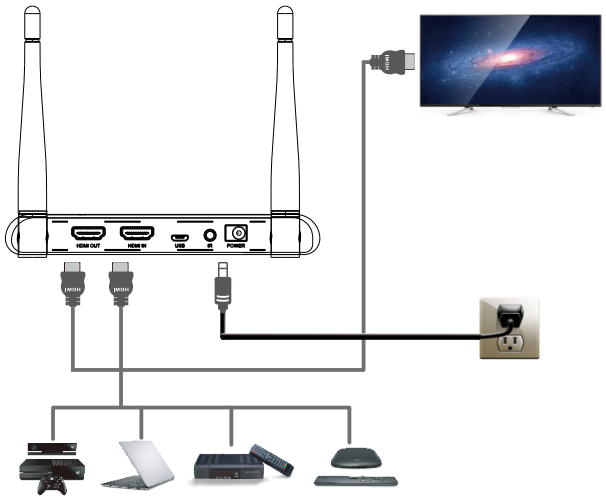
RX rear panel:



HDMI out: connect with TV/display /projector
USB:keyboard/mouse signal extending function
IR: IR signal extending function,to insert the IR receiver cable included inthe box.
Power: DC in (5V,2A)

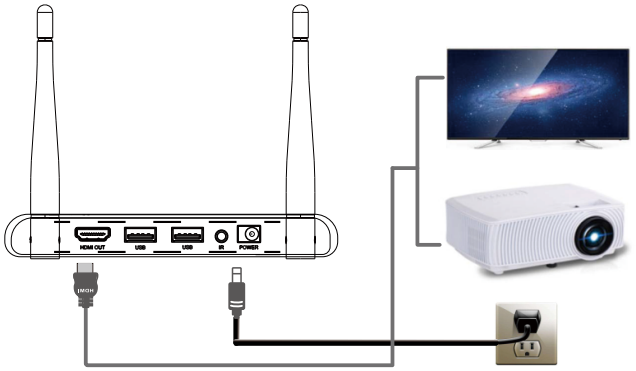
CONNECTION AND OPERATION:

How to transfer the video from TX to RX:
install TX box:



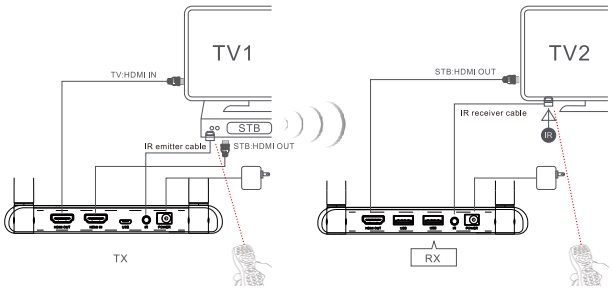
Step 1: connect the power adapter (5V/2A) with the TX and wall socket,the power light will become red.
Step 2: connect source device (set top box, DVD player,PC...) with TX HDMI in jack by HDMI cable which includes in the package.
Step 3:connect with display/TV through HDMI out jack through HDMI cable.

install RX box:

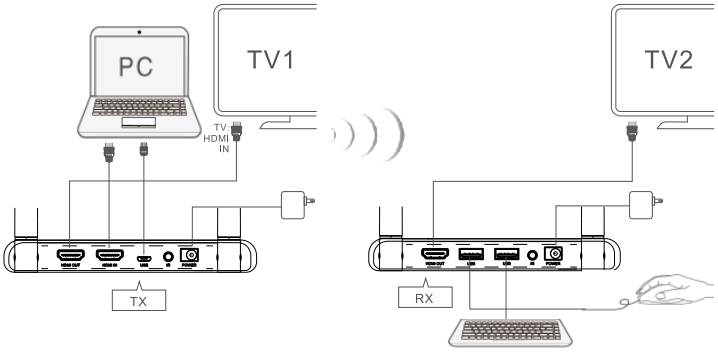


Step 1: Connect the power adapter (5V2A) with the RX and wall socket, the power light will become red.
Step 2: connect with display/projector through HDMI out jack through HDMI cable.
Step 3: wait around 50sec,the video will transfer from TX to RX.

How to control the device in a different room by using remote control?
1.Connect the IR emitter cavle with the TX IR jack,and stick the IR probe in front of the IR window of the source device.(please find the right IR window of the source device,or the IR control will be failed.)
2.Conect the IR receiver cable with RX IR jack, and stick the IR probe in front of TV.
3.Use the source device remote control point the IR receiver probe to control the source
device,the distance between thiw IR receiver probe and remote control should be within 5m



How to control the device in a different room by using mouse/key-board?
Step1: connect the PC USB jack and TX USB jack by using USB cable.
Step2: connect the RX USB Jack with amouse or game controller.
Step3:then you can use the mouse or game controller to control the PC in other room



Using a TX alone to connect asmart phone:

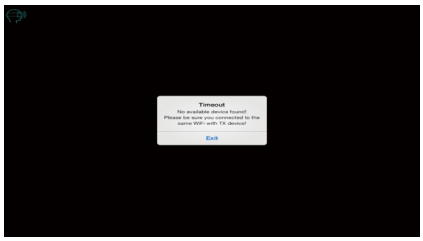
The TX can receive video from other sources and transfer the video to smart phone(both android phone and iphone).The App installed inthe mobile phone supports 2D-to-3D function and can convert the 2D video to 3D, so that end user can watch the video via VR glasses.



Please follow below steps to mirror the Audio/Video from this box to your phone:
1.Please download and install"TXplayer"app in google play (Android) or App store(IOS) to smart phone
2.After power on TX about 40 seconds, this device will work as aWiFi access point:TX.
3.Turn on your WiFi on your pone first and connect to WiFi network named "TX"
and use the following password:66668888
4.Run the app of TXplayer installed in the smart phone, you will see below screen.



Click “ ” , the version of this application will be shown.
Click “ ” , you can get the mirrored audio/video from box to your phone.
Click “ BACK ” button will ask if you really want to exit.
Click “ HOME ” button will return to home page, but the app still in background.
Press the “ ” icon on the left up corner, it will split the screen, then you can get a
simulated 3D effect after you put your phone in the VR(Virtual Reality)glasses,
it’s very helpful when you playback the movie or game in this device.
☆:The VR headset icon in the left-up corner will disappear after long press, and will appear again if you touch the left-up corner of your phone.
Remark:
1.It will show timeout alert as below if it can’t find available devices, please make



2. The app may not compatible with all of the smart phones, especially the smart
phone with Non-standard Android system or old models.
3. Since the Smart phone RF sensitive is in big difference and easy to be interfered,
please make sure keep the TX and smart phone within a certain distance.
sure all process is the same with above procedure, and restart the APP to see if
problems solved or not.

SPECIFICATIONS :

TX	SPEC
Video Output Resolution	1080p60，1080p50，1080p24，720p60，720p50,576p50, 480p60，1080i60，1080i50
Video Input Resolution	1080p60，1080p50，1080p24，720p60，720p50,576p50, 480p60，1080i60，1080i50
Video Input/Output	HDMI 1.4a
Digital Audio Support	48/44.1KHz, 16bit, Digital audio compliant
Latency	16ms (TX+RX,720P@60f)；60ms(TX+Smartphone)
Power Amplity	20 dBm
Connectivity	2.4G Hz
Distance	About 200-300 meters (no wall and in good environment)
Support	IR extending function; Keyboard/mouse extending function
HDCP	Compatible
AC/DC Adapter	5V/2A
Power Consumption	Max 12.5w
RX	SPEC
Video Output Resolution	1080p60，1080p50，1080p24，720p60，720p50,576p50, 480p60，1080i60，1080i50
Video Output	HDMI 1.4a
Digital Audio Support	48/44.1KHz，16bit，Digital audio compliant
Latency	16ms (TX+RX)
Power Amplify	20 dBm
Connectivity	2.4G Hz
Distance	About 200-300 meters (no wall and in good environment)
Support	IR extending function; Keyboard/mouse extending function
HDCP	Compatible
AC/DC Adapter	5V/2A
Power Consumption	Max 7.5w