G200 Wireless AV Sender
User Guide
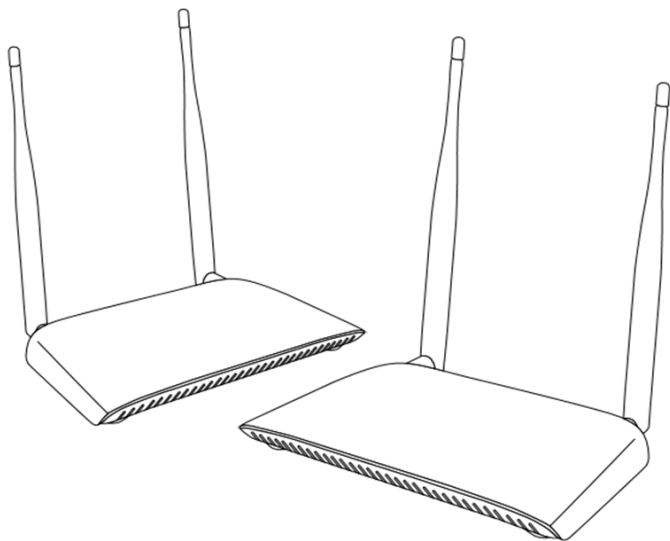
Safety Information

Safety is Important

To ensure your safety and the safety of others, please ensure you read the Safety Information before you operate this product.

* Position the cables so that they cannot be walked on or pinched by other items placed on or against them.

* Do not use this product in humid or damp conditions.

* Do not allow this product to get wet.

*Do not place water filled objects such as vases on top of this product.

*Do not place flame sources, such as candles on top of this product.

Cleaning

* Always unplug this product from the mains supply before you clean it.

* Do not use liquid or aerosol cleaners.

*This product should be cleaned with a soft, barely damp cloth.

Ventilation

*The slots and openings on this product are for ventilation purposes. Do not cover or block them as this could cause overheating.

*Never let children push anything into the slots or openings in the case.

Servicing

*There are no user-serviceable parts in this product.

* If servicing is required, always refer to qualified service technician.

* Always consult the dealer if you are ever in doubt about the installation, operation or safety of this product.

Table of Contents

WHAT'S INCLUDED

G200(TX/RX)

AC/DC Adapter x2

HDMI Cable x2
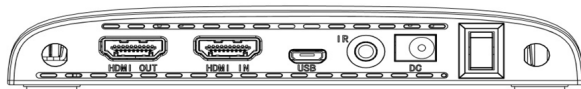
IR Emitter Cable(ForTX)

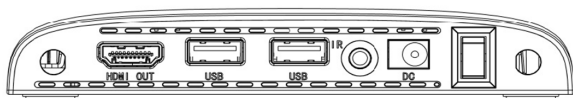IR Receiver Cable(For RX)

User
Guide

Manual

OVERVIEW

G200TX (TRANSMITTER)

G200RX (RECEIVER)

G200 wireless AV sender is a private protocol-based end-to-end solution for interactive, multi-room wireless display andhome video distribution, which allows end users to play any video remotely on another screen with no discernable lag even if the deviceis 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 a wireless HD streaming device that can wirelessly 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 device with a HDMI output, like set-top box, DVD & Blu-Ray player, PC, game console. Etc.

Any Devices
Compatible with any devices with HDMI jack, like set-top box/DVD/ Blu-Ray player/PC/Xbox/PS4

Distance
Multi-room wireless display Up to 200-300 meters (no wall and little interference)

Interactive
End user can control the devices in different room by IR remote /keyboard/mouse

1080P Supported
Support 1080P video compression
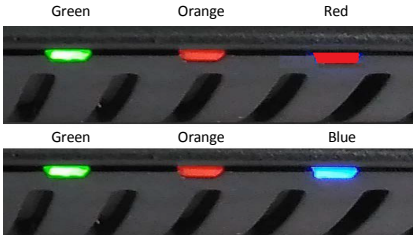
Low Latency
Undetectable latency 16ms High reliability

Connectivity
2.4G Connectivity

PANEL ILLUSTRATION

G200TX front panel LED Indicators (from right to left)

| Green | Orange | Red |

| Green | Orange | Blue |

Blue & Red light (Power indicator):redlight means power is off or abnormal,
blue light meanspower is on & HDMI video source is detected.
Orange (middle): Blinking means TX/RX are unpaired, stable orange light on when paired.
Green (WiFi indicator): Light on when WiFi works, flickering when data transferring.

G200TX rear panelconnectors (from right to left)

ON/OFF switch
POWER: DC in (5V,2.5A)
IR: IR signal extending function, to connect the IR emitter cable
Micro USB: to connect Keyboard/mouse by USB (microUSB—USB Type A cable not included)
HDMI in: connect anyvideo source by HDMI (PC/DVD Player/receivers/gameconsole…)
HDMI out: connect to TV/display/monitor by HDMI

G200RX front panel LED Indicators (from right to left)

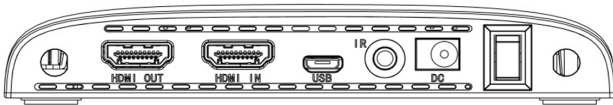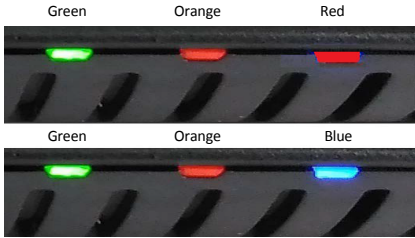Green   Orange   Red

Green   Orange   Blue

Blue & Red light (Power indicator):redlight means power is off or abnormal,
blue light meanspower is on & HDMI video source is detected.
Orange (middle): Blinking means TX/RX are unpaired, stable orange light on when paired.
Green (WiFi indicator): Light on when WiFi works, flickering when data transferring.

G200RX rear panelconnectors (from right to left)
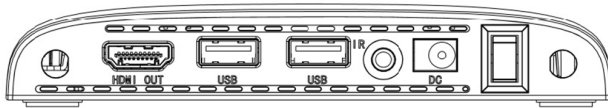
ON/OFF switch
POWER: DC in (5V,2.5A)
IR: IR signal extending function, to connect the IR receiver cable.
USB: Keyboard/mouse signal extending function
HDMI out: connect to TV/display/monitor by HDMI

CONNECTION INSTRUCTION

Install G200TX
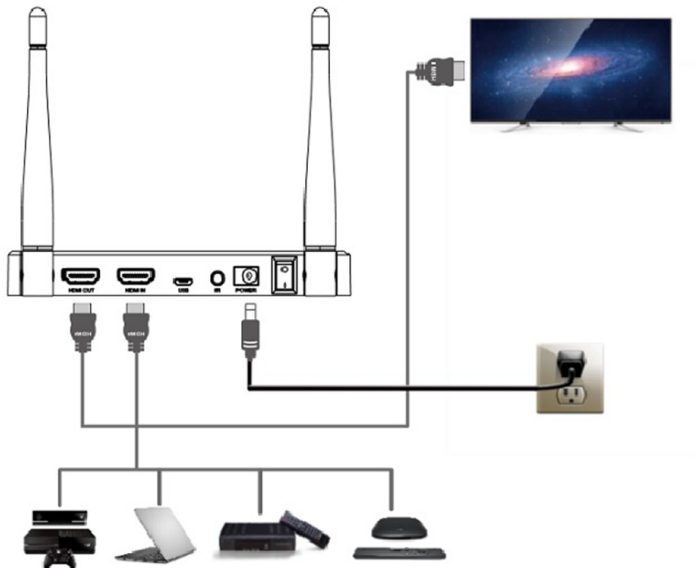
Step1: Connect the power adapter (5V, 2.5A) to TX and wall socket, press power switchto "ON", the power LED light will turn on red.

Step 2: Connect video source (Receiver, DVD player,PC..) to TX(HDMI In) by HDMI cable which comes with the package

Step3: Connect TX (HDMI out) to TV through HDMI cable.

Install G200RX

Step1:Connect the power adapter (5V, 2.5A) to RX and wall socket, press power switch to "ON", the power LED light will turn on red.

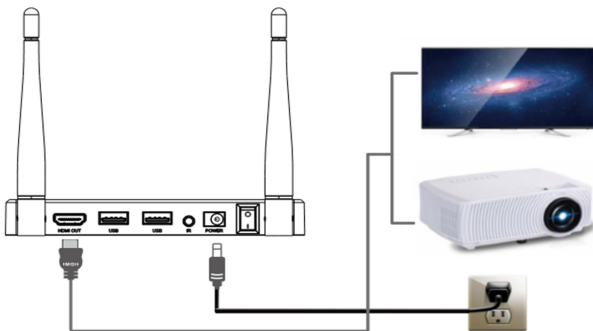Step 2: ConnectRX (HDMI Out) to TV by HDMI cable which comes with the package

Step 3: Wait around 50 seconds, the video will be sent from TX to RX.

How to control the device in a different room by using remote control

1. Connect the IR emitter cable with the TX IR jack, and stick the IR probe in front of the IR sendor of the video source. (Please find the correct position of IR sensor of the video source or the IR signal won't pass through)

2. Connect the IR receiver cable with RX IR jack, and stick the IR probe on TV2.

3. Use the source device remote control aiming at IR receiver probe to control the source device, the distance between this IR receiver probe and remote control should be within 5m.
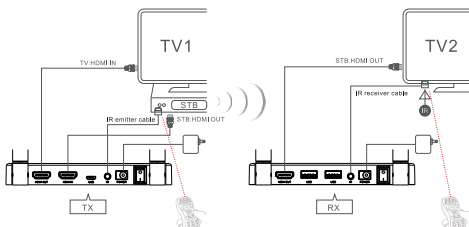
How to control the device in a different room by using mouse/keyboard

1. Connect the PC/Android TV Boxto TX by using a micoUSB—USB Type A cable.
2. Connect the RX USB jack with a mouse or game controller (USB nano receiver)
3. Then you can use the mouse or game controller to control the PC in other room.
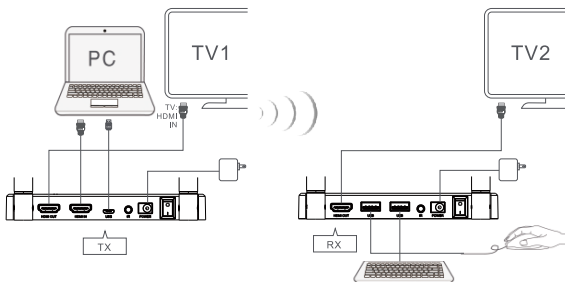
Using G200TX to connect smartphone:

The TX can send video to any mobile device which has WiFi receiving ability
(Android and iOS devices). The APP installed could split the mobile phone screen into two
windows which works with Google Cardboard based VR glasses. So the users can watch
thevideo via VR glasses.

Please follow the steps below for connection:

1. Please download and install "TXplayer" app in Google Play Store (Android) or App store (iOS) to smartphone. You may use the QR code below for downloading:

2. After power on TX about 40 seconds, this device will work as a WiFi access point. Do not turn on RX.

3. Turn on WiFi of your phone and select "TX******TX" (*might be a letter or digit) on the device list and connect. Please use password: 66668888

4. Run the App of TXplayer installed on smartphone, you will see below screen.

Click will show the version of this application.

Click you will get the mirrored audio/video from TX 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 running in background mode

Press the icon on the up left corner, it will split the screen, so you could put the phone into your VR glasses. You may press the icon several times to adjust the height of screen to fit in your VR glasses.

*The VR headset icon in the up left corner will disappear after long press, and will appear again ifyou touch the up left corner of your phone.

Remark:
1. Timeout alert may show as below if it can't find available TX, please make sure all process is the same with above procedure, and restart the APP to try again.
2. The APP may not compatiblewith all of the smart phones, especially the smart phone with Non-standard Android system or old models.
3. Please make sure to keep TX and smartphone within a proper distance to have good connection.
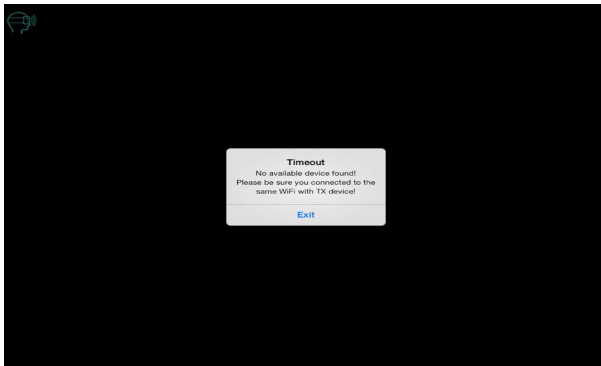
TECHNICAL SPECIFICATIONS

Features of G200TX:

Features	Description
Video Input Format	1080i/1080p/720p/576p/480p,up to 1080p at 60fps,suggest to choose the best resolution that TV can supported to guarantee best display effect
Video Compression Format	1080p at 30fps or 720p at 60fps or other resolutions depends on input
Video Input/Output	HDMI interface
End-to-End Latency	Typical 16ms when using with VS200VR(RX).
WiFi Coverage	Approximately 400ft (Clean line of sight) The range can be extended through a WiFi repeater.
Connectivity	2.4GHz 802.11b/g/n (WiFi)
Configurations	Default automatic one-to-one configuration.

Terminals on G200TX:

Terminals	Description
DC in Jack	5V/2A DC power in
HDMI in	Connect to an external HDMI input source
HDMI out	Connect to TV
IR Blaster	Connect to IR transmitter
USB	Connect to the mouse/keyboard USB port of the game console or PC via an microUSB to Type-A cable.

Features of G200RX:

Features	Description
Video Output Format	1080p at 30fps or 720p at 60fps or other resolutions depends on input
Video Output	HDMI interface
End-to-End Latency	Typical 16ms when using with VS200VR(TX)
WiFi Coverage	Approximately 400ft (Clear Line of Sight) The range can be extended through a WiFi repeater.
Connectivity	2.4GHz 802.11b/g/n (WiFi)
Configurations	Default automatic one-to-one configuration.

Terminals on G200RX:

Terminals	Description
DC in Jack	5V/2A DC power in
HDMI out	Connect to TV
IR Blaster	Connect to IR Receiver.
USB	Connect to Mouse/Keyboard devices.

TROUBLE SHOOTING

Q1: No Video/Bad Video or Incorrect Video/Video Stuck

A1: This device will take about 45 seconds booting time after plug in the main power if all connects are OK, then you should see the signal on the TV on both TX and RX.

A2: Please make sure the HDMI in/out are connected correctly, if above connects are OK, then make sure you are using the HDMI cable inside the gift box, which provide noise reduction and shielding and no noise will affect the wireless transmission (be sure to use the cable from your Media Source to the TX HDMI IN interface)

A3: Please check whether the HDMI-in source is OK by connect it directly to TV.

A4: Please make sure the HDMI-in is connected, otherwise no any signal will output and the TV may stay in blue screen on both TX and RX.

A5: If above still not OK, please check the video source resolution is supported by the device. Please refer the specification for supported resolution. If not, please set to right resolution according to the specification.

A6: The device is using 2.4GHz connectivity, which will be interfered by other wireless devices, like WiFi router, microwave, please place the TX/RX at other location with less interference and check again.

A7: Try another HDMI cable which with good shielding since sometimes some cables may have compatibility issues.

A8: If problems still not solved, please restart both TX/RX and try again.

Q2: Bad or incorrect audio

A1:Our device only support 48/44. 1KHZ 16 bit digital audio, please check the source device set to correct audio standard.

A2: If problems still not solved, please restart TX/RX and try again.

Q3: The coverage distance is short

A1: Themax Wifi distance between TX/RX could reach400ft (Clear light of sight). If the environment is not good (too many WiFi signals or with concrete wall), the distance could will be much shorter.

Q4: Can't get mirror picture on smart phone.

A1: If you are using G200TX alone with a smartphone, first please check G200TX is booted correctly byfollowing above steps,then scan the WiFi list on your smart phone, check if WiFi SSID "TX" exists, if yes,please make sure your smart phone is connected to it successfully and obtained the IP address. Thenfollow the "**Using G200TX to connect smartphone**" to check if you can seethe picture on the phone.WiFi password is **66668888**.

A2: The APP may not compatible with all of the smart phone, especially the smart phone with Non-standard Android system or old phone.

A3: The WiFi reception ability of smartphone is limited and easy to be interfered, please make sure keep the TX and smartphone in proper distance.

Q5: The USB keyboard and mouse not working from RX to TX

A1: Make sure the TX is connected to the source via a USB cable connection.

Q6: The IR blaster doesn't work

A1: Make sure to use the original remote control of the video source.

A2: Please stick the IR emitter probe in the surface of IR window of the source device, if you are not sure the correct position of IR window of source device, please refer to the manual of source device.

A3: Please point the remote control to the IR receiver probe with 5 meters directly.

A4: The IR extender cable based on 20KHz-60KHz remote signal protocol, which support most of the IR remote in the market, for special standard or old remote may not supported.

Support Options

Please contact your local dealer for more assistance.

FCC Warning Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.