

# HDMI Wireless Sender & Receiver

Model: WTR-PRO



***Super Long Distance 1080P Wireless HDMI Transmission  
Full band IR Extending function including 3D***

## INTRODUCTION

Thank you for purchasing WTR-PRO HDMI Wireless sender. Your satisfaction is very important to us. WTR-PRO is designed to make the use of your HDTV equipment more comfortable and versatile.

WTR-PRO is the ideal product for HD wireless applications. Sometimes you may find that a cabled connection is not suitable, a long HDMI cable is not available, or a cabled connection is just not an option. You can use the WTR-PRO for your HD wireless applications such as Home Theatre, cross-room HD wireless, meeting rooms, or game room applications.

WTR-PRO also includes an IR extending function, providing an easy remote control extension via the IR pass-through function, allowing control of your Set Top Box, Blu-ray player or other streaming player from the HDMI extender's receiving end.

## FEATURES AND CONTENTS

### Features:

- Supports wireless transmission of HDMI up to 1080p
- Supports wireless transmission of 3D HDTV signals over HDMI
- Transmitter side includes HDMI pass-through output for simultaneous local viewing
- Less than 500ms low latency
- Supports IR extender function
- HDCP compliant
- Room to room HD wireless transmission
- Up to 100m Line of Sight long distance transmission
- Low power consumption

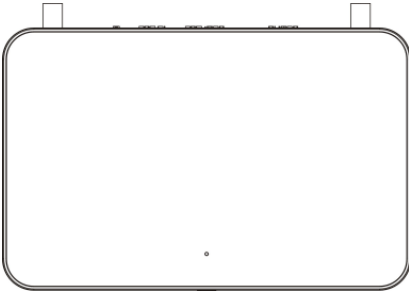
### Package Contents

- 1x WTR-PRO Transmitter main unit
- 1x WTR-PRO Receiver main unit
- 1x IR receiver probe
- 1x IR emitter probe
- 2x DC 5V/1A power adaptor (Micro USB type)
- User Manual

# CONNECTION & OPERATION

## Transmitter Box

TOP



Front

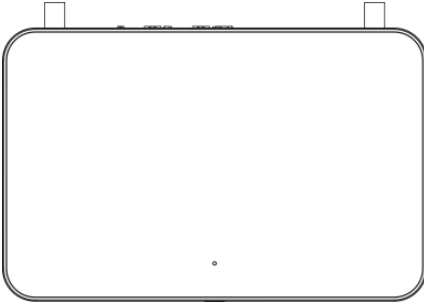


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## Receiver Box

TOP



Front

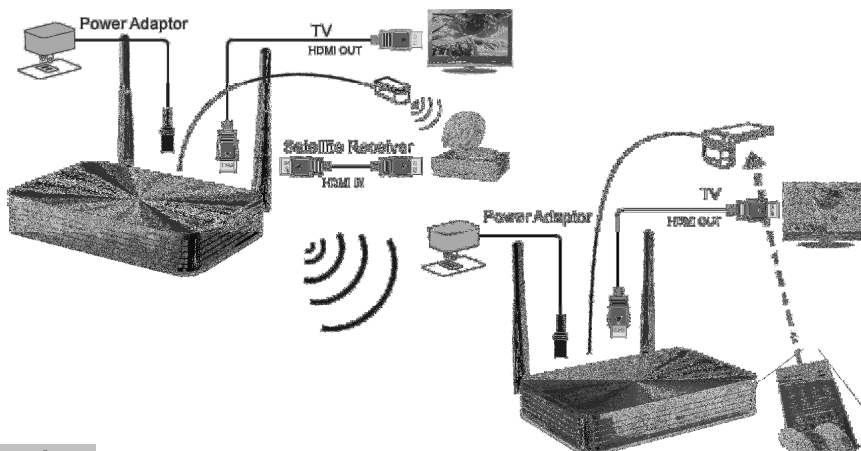


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## Connection

- Step 1:** Use HDMI cable to connect the HDMI IN of WTR-PRO Transmitter to a Source device (Satellite receiver, CATV STB, BD player, PS4, PS3, Xbox), if you want to watch the source program on the same time, you can use another HDMI cable connected the HDMI OUT to display (HDTV).
- Step 2:** Use HDMI cable to connect the HDMI OUT of WTR-PRO receiver to a display device (HDTV, Projector)
- Step 3:** Connect the IR emitter to the WTR-PRO Transmitter. And then place the emitter probe in front of the source device's IR receiver.  
Connect the IR receiver to the WTR-PRO Receiver. And then place the receiver probe in front. (If you do not need the IR extending function, please skip step 3)
- Step 4:** Connect a DC 5V/1A power adaptor to the Power Jack (Micro USB type) of WTR-PRO Transmitter.
- Step 5:** Connect another DC 5V/1A power adaptor to the Power Jack (Micro USB type) of WTR-PRO Receiver.
- Step 6:** Connection completed & ready to use.  
If no video signal on your display, please pairing the TX and RX first. (Press the MODE key of RX box and then press the MODE key of TX box).



## Operation

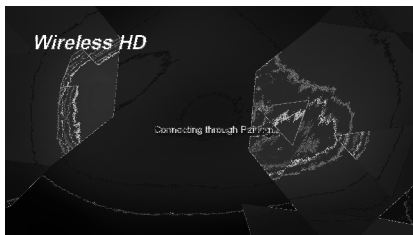
### A. Installation

1. Make sure your input AC voltage conforms to the adaptor specifications.
2. Only use the power adaptor provided with the WTR-PRO. If you use your own adaptor, make sure the output connector is micro USB and power output is DC 5V /1A.
3. With direct line-of-sight, the maximum range of A/V signal transmission can reach up to about 100 metre, and this distance would be shortened by obstacles or walls placed between transmitter and receiver. (The optimum indoor range is less than 100 metre)
4. To ensure good infrared remote control operation aims your remote control at the IR Receiver Probe of the WTR-PRO and press the buttons firmly. (With some remote controls it may be necessary to press and hold each button for about a second). The working angle of the IR Probe is +/- 15 degrees.

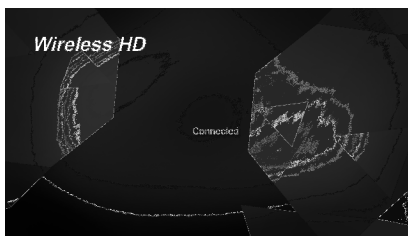
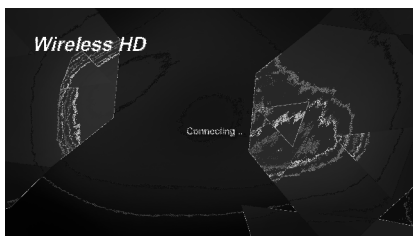
5. The remote controller has to be used within the distance of (from remote control to receiver) not less than 0.3M and no more than 5M (working angle +/- 15 degrees).

## B. TX & RX Pairing MODE

1. First Press “MODE” key once on the Receiver BOX.
2. You will see message “Connecting through Pairing ...” on screen



3. And then Press “MODE” key once on the Transmitter BOX.
4. Connection will be auto-established after successfully paired.



## LED Indication

There are LEDs and UI for indication of System operation, for more detail please check the table below.

Condition	TX	RX	RX UI(TV Screen)
Star up (Power on)	LED Solid RED	LED Solid RED	Startup image
Mode (Press the button)	RED LED Flashing	LED solid Blue	Connection through pairing
No connection	Blue LED Flashing	LED solid Blue	Scanning
Connection & Play	LED solid Blue	LED solid Blue	Video

## C. IR Extending Function

1. Make sure the IR Emitter Probe has been installed properly on the Transmitter.
2. Make sure the IR Receiver Probe has been installed properly on the Receiver.
3. Use the remote controller of your source device to control the source through the Receiver.

**Note: To prevent overheating, please do not cover WTR-PRO Transmitter and Receiver with any object.**

## TROUBLE SHOOTING

1. When there is no picture presented, please:
  - Make sure the direct connection from source device to sink device can work properly.
  - Check if all connectors are connected well; check if all cables can support the transmission speed. High Speed HDMI cables are recommended.
  - Unplug the power cable to restart WTR-PRO.
2. When there is no sound:
  - Please try to adjust the volume of TV.
  - Check cable connection to see if it fits properly.
  - Check cable to see if it supports video transmission only (DVI) or it is damaged already.
  - HDCP may not match very well at first connection; please unplug the power cable to restart WTR-PRO.
3. When there is no 3D effect, please:
  - Make sure 3D function of 3D TV (or 3D DLP Projector) is activated (set to AUTO or 3D ON).
  - Make sure 3D function of 3D source device is activated (set to AUTO or 3D ON).
  - Make sure power of shutter glasses is on.
  - Check the power of WTR-PRO.
  - If the 3D HDTV requires an **active** shutter glasses for 3D viewing, please make sure the **active** shutter glasses can match with the 3D TV.
  - If the 3D HDTV requires a **passive** shutter glasses for 3D viewing, please make sure the **passive** shutter glasses can match with the 3D TV.
4. If the video is unstable, or snowing image shows on screen.
  - You might get interference form other wireless device or heavy power consumption house ware (ex. Wi-Fi Router, Microwave, air conditioner...). Please keep WTR-PRO away from those sources of interference.
  - The wireless transmission distance may be too far or blocked by wall or other object. Please place WTR-PRO at other location where you can get good signal and video quality.
  - Please change the direction of Transmitter and Receiver to get better reception.
5. If the wireless connection fails.
  - Please make sure the power of source device which you want to use is turned ON.
  - Unplug the power cable to restart WTR-PRO.
6. If the IR extending function is not working.
  - Check if the IR Emitter Probe is connected to the WTR-PRO Transmitter, and place the emitter probe in front of the source device's IR receiver.
  - The IR extending function of WTR-PRO can work with 30~60 kHz IR remote control system. Some IR remote control systems use other frequency, or the IR signal pulse is too short that will not work with IR extending function.
  - **In case the IR function is not working due to the interference, please re-plug the power of TR again, it will reconnect automatically and function well.**
7. If the TX side HDTV is normally playing the video with a connection to "Loop Through" port but RX side HDTV has no signal, please:
  - \* Ensure RX side HDTV supports higher or equal resolution to TX side HDTV, as RX side HDTV will follow TX side HDTV's resolution.Thus, please use a higher resolution HDTV at TX side to ensure better video quality at RX side.

## NOTICE

- Manufacturer reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.
- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- WTR-PRO incorporates HDMI® technology.

## FCC STATEMENT

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.

NOTE: 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.