Wireless Audio/Video System, HDMI, 100 m
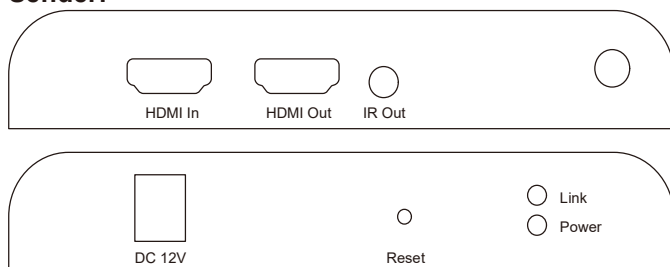
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Quick Installation Guide
Ver. 1.0

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INTRODUCTION:

The HDMI extender uses the standard Ethernet TCP / IP protocol to transmit high-definition audio and video signals through wireless WIFI signals, enabling point to multi-point applications. Meanwhile, the included infrared expansion function makes remote control more convenient. The device has excellent image processing and transmission capabilities to make the signal transmission more smooth and stable. It is a cost-effective HDMI signal extension.
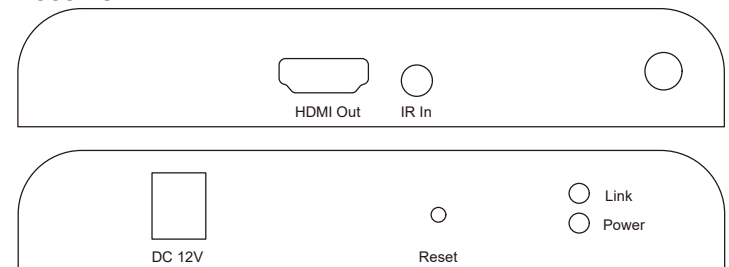
FEATURES:

- Supports HDMI video and audio signals transmitted through WIFI wireless up to 100 meters
- Supports HD video signal resolution up to 1920X1080P@60Hz
- Compatible with HDMI 1.3
- Dedicated format to encode and decode video signal, effectively improve the transmission efficiency, to ensure the playback function smoothly.
- Support external remote infrared expansion, easy to control remote devices
- Automatic identification and configuration of various display modes
- Built-in automatic balance system, supports picture smooth, clear and stable
- Built-in ESD electrostatic protection circuit, all-round protection system security
- Installation is simple and convenient, plug and play, no need to setup
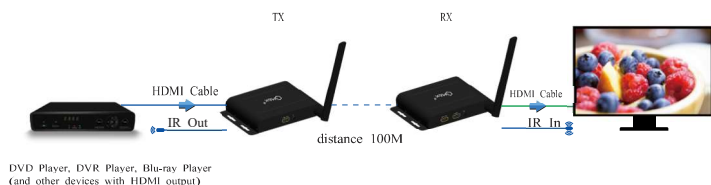
PACKAGE CONTENTS:

- 1 x Main unit Sender
- 1 x Main unit Receiver
- 2 x Antenna
- 2 x Power adapter
- 1 x IR-Receiver cable
- 1 x IR-Blaster cable
- 1 x 3.5mm Stereo audio cable
- 1 x User Manual

INTERFACE DESCRIPTION:

Sender:

- HDMI In: Connect to the HDMI output of your HDMI source device.
- HDMI Out: HDMI local Output, connect to the HDMI input of your local HDMI sink device.
- IR Out: Plug the IR blaster into this jack.
- DC 12V: Plug one of the included AC power adapters into this DC jack.
- Reset: Press and hold this button for about 10 seconds to reset the Sender to the factory default settings.
- Power LED: This LED illuminates when power is applied to the Sender.
- Link LED: System status indicator, this LED illuminates when the Sender searching Receiver, and this LED flashing Sender and Receiver working properly.
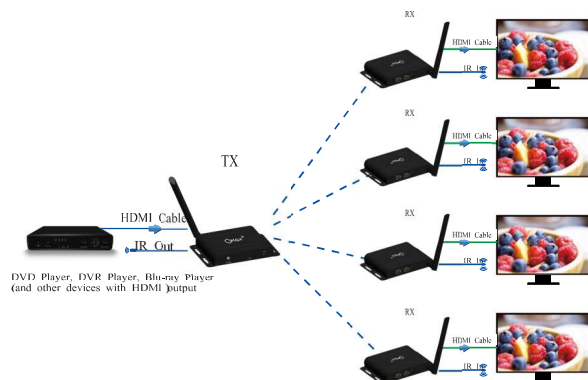
Receiver:

- HDMI Out: Connect to the HDMI input of your remote HDMI sink device.
- IR In: Plug the IR receiver into this jack.
- DC 12V: Plug one of the included AC power adapters into this DC jack.
- Reset: Press and hold this button for about 10 seconds to reset the Receiver to the factory default settings.
- Power LED: This LED illuminates when power is applied to the Receiver.
- Link LED: System status indicator. This LED illuminates when the Receiver is searching Sender, and this LED is flashing when Sender and Receiver are working properly.

Application of Point to Point

TX   RX

HDMI Cable

IR Out

distance 100M

HDMI Cable

IR In

DVD Player, DVR Player, Blu-ray Player
(and other devices with HDMI output)

Application of Point to Multi-Point

	Parameters	Description
Video	Compliant	HDMI 1.3
	Compression format	H.264
	Pixel bandwidth	165MHz, All figures
	Interface bandwidth	Total bandwidth 6.75Gbps
	Maximum supporting resolution	1920X1080P@60Hz
	Interface	HDMI-A
	Impedance	100Ω
	HDMI recommended maximum input / output distance	Less 5m at 1920X1080P@60Hz
IR	Interface	3.5mm Stereo audio socket
	Signal Direction	One-way transmission
	Signal Type	Digital signal
	Frequency	20-60KHz
WIFI	RF power	14dbm
	Wireless standard	802.11ac
	Signal direction	One-Way
	Wireless frequency	5.15-5.825 GHz
	Transmission distance	100m
Other	Power Supply	Power Adapter: DC 12V
	Maximum power consumption	MAX 9W

Pairing:

Note:

1.The complete set of products have been paired and can be used directly (if they cannot be successfully connected, they need to be paired again).

2.It should be matched again if you reset the Receiver.

3.A single Receiver should be paired with the Sender before it is used for the first time.

Installation

1.Connect the IR Out of the Sender and IR In of the Receiver with a 3.5mm audio cable.

2.Connect the HDMI In of the Sender and the HDMI Out of the Receiver with an HDMI cable.

3.Power on Sender and Receiver and wait for the system to start (the system works successfully when the Link light is on, about 30 seconds).

4.Press and hold the Receiver reset button for 10 seconds to restore the factory setting of the Receiver and wait for the system restart (the system starts successfully when the Link light is on, about 30 seconds).

5.Quickly press the Receiver reset button, then press the Sender reset button quickly, wait for the Receiver to pair with the Sender.

6.If the pairing is not successful after more than 60 seconds, please check whether the line is connected correctly, and repeat the steps 3-5. (Sender and Receiver are paired successfully when the Link lamp flashes synchronously).

7.Repeat the steps 1-6 for another Receiver.

INSTALLATION STEPS:

1.Connect the HDMI signal source to the "HDMI In" of the Sender and connect the display to the "HDMI Out" of the Sender.

2.Connect the Receiver to a display device (such as a high-definition television, video wall, etc.).

3.Configure infrared control function: Connect the infrared transmission wire to the Sender, the infrared Receiver access wire connect to the Receiver, and the infrared transmitter head to the device's infrared Receiver.

4.The Sender and Receiver are connect to the power, when the LED flashing is normal. The system is operating normally.