• Important Safety Notice

Please read below safety instructions carefully before installation and operation:
1. Please pay attention to all the warnings and hints on this device.
2. Do not expose this unit to rain, moisture and liquid.
3. Do not put any stuff into the device.
4. Do not repaire the device or open the enclosure without professional person guidence to avoid electronic shock.
5. Make sure good ventilation openings to avoid product overheating damage.
6. Shut off power and make sure environment is safe before installation.
7. Powered by USB cable.
8. If it is found that it's unstable when powered by USB cable directly, please add a 5V plug(with USB port) to connect with the USB cable for power supply.

• Introduction

This IR signal wireless extender includes IR transmitter unit and IR receiver unit, is designed to get your remote control's signal to where it needs to go, there is no need to run a wire from the IR receiver end of your setup to where the devices are located. Since IR signals need line-of-sight to work, you will need this extender if the equipment you're trying to control is not in sight. You'll need to extend your IR signals, especially if your TV is wall-mounted.
Note:
1) Transmission distance will be different due to the environment.
2) Wall, brick or glass will shorten the signal cover range or cause big signal loss.

• Features

1. Wide IR frequency 20 to 60 KHz, compatible with any IR equipped device.
2. Low power consumption.
3. Portable size design.
4. Metal casing, stable and durable.
5. Extend Remote Control Signals Wirelessly.
6. Long wireless distance is up to 200m , distance may vary due to obstacles.
7. Include a IR transmitter and a IR receiver, working as a pair.

• Package Contents

IR transmitter unit x1pcs

IR receiver unit x1pcs

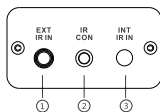USB Cable x2pcs

IR blaster extension cable x1pcs

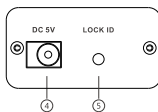IR receiver extension cable x1pcs

User manual x1pcs

• Panel Description
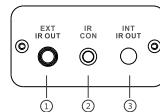
1. IR transmitter unit (TX)

①	IR IN port	Connect with IR receiver cable, receiver IR signal

②	IR indicator	It turns on when remote control
③	IR receiver head	Built-in IR signal receiver head
④	Power input	Connect with the USB cable
⑤	Lock ID button	It is used for TX is paired with RX, long press this button 4s after RX entered into pairing mode to finish pairing

2. IR receiver unit (RX)

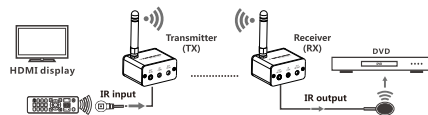| ①	IR OUT port	Connect with IR blaster extension cable, send IR signal
②	IR indicator	It turns on when remote control
③	IR emitter head	Built-in IR signal emitter head
④	Power input	Connect with the USB cable
⑤	Lock ID button	It is used for TX is paired with RX, RX enters into pairing mode after long press this button 4s

• Connection

Paring configuration instruction:

1. Power via the USB power cable to connect with power supply.
2. Long press RX's" Lock ID " button up to 4s until it enters into pairing mode (the status of IR indicator from keeps on to flashes per second)
3. Long press TX's" Lock ID " button up to 4s until TX is paired with RX (the status of IR indicator from on to off) .

Note: TX and RX must paired with each other before using.

Connection instruction:

1. Put the Transmitter unit in the room where you want to control your devices from, plug the IR receiver cable to into the IR IN port to receiver IR signal when this cable is needed.
2. Put the Receiver unit near the devices you are trying to antrol. Plug the IR blaster extension cable into the IR OUT port to send IR signal when this cable is needed.
3. Reconnect with power supply via the USB power cable, the IR extender kits working.

Note: The product uses the same wireless frequency, if you use multiple pairs of this IR wireless extender, only one pair product works.

• **FAQ**

Q: The IR remote control is not useful?
A: 1) If using the IR cable, situate the IR extender IR cable head near the IR sensor receiving window of the device you wish to control. The distance should be within 0.5m
   2) Position the IR receiver unit to face the IR sensor receiving window of the device you are controlling, the distance is within 7m
   3) Make sure there is a wireless transmission between IR transmitter unit and IR receiver unit.
Q: IR indicator of TX/RX keeps on even though there is no operation on TX/RX?

A: Move TX unit to a dark place to avoid interference of the environment.
Q: IR indicator of RX flashes per second even though there is no operation on RX?
A: Restart the RX unit.

• **Specification**

Items	Specification
Material	aluminum
Transmission Frequency	915M/433M
IR frequency	20-60KHz
Power Gain	10dBm
Transmission distance	200m
Power supply	No power supply attached, use micro usb cable.
Power consumption	TX: <300MW; RX: <300MW
Dimension	95(W) x 120.58(D) x 20.1(H)mm
Weight	TX : 40g , RX : 40g
Working temperature	0～40℃
Storage temperature	-20～60℃
Operating Humidity	10~90%（non-condensing)

Disclaimer

The product name and brand name may be registered trademark of related manufacturers.TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products.
We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

IR Signal Wireless Extender

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