WIRELESS INFRARED REPEATER SYSTEM KIT

Model: WL-T1

Model: WL-T2

TABLE OF CONTENTS

Basic Function 03

Set up 03

Two models of Wireless IR Repeater System 04

Package Content for Model WL-T1 05

Package Content for Model WL-T2 05

Led light Indication 05

Technical Specification 06

Wireless Transmitter Block 06

Wireless Receiver Block 07

Installation for WL-T1 08

Installation for WL-T2 09

Questions & Answers 10

Limited Warranty Information:

Your IR Repeater Kit is covered against manufacturer defects for a period of 1 year from the date of purchase. This warranty covers the replacement of your IR Repeater Kit within 1 year from the date of purchase, it does not cover damages or problems arising from: abuse, neglect or any other non manufacturing related defects.

Warranty will be void if the item itself has been taken apart or serviced by an unauthorized repair person. This warranty is non-transferable and only valid to the original purchaser. A valid/verifiable order receipt or order number from an authorized dealer must be presented to receive warranty coverage.

Purchasing from an unauthorized dealer voids all warranties. Liabilities on all claims will be limited to the original cost of the IR Repeater Kit.

Two models of Wireless IR Repeater System

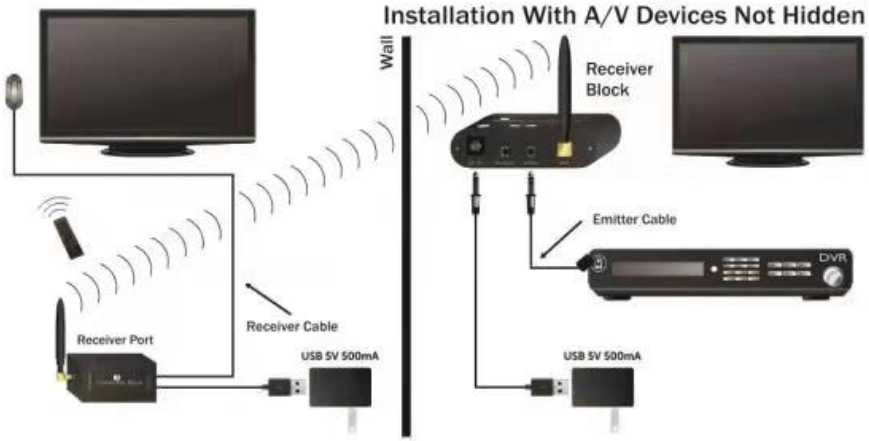
1. Model: WL-T1

2. Model: WL-T2

Installation for WL-T2

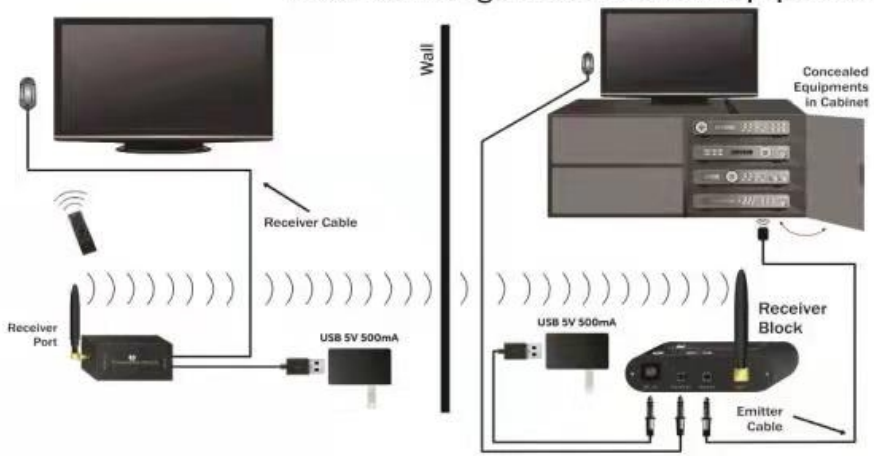
Model: WL-T2

Installation With A/V Devices Not Hidden



Model: WL-T2

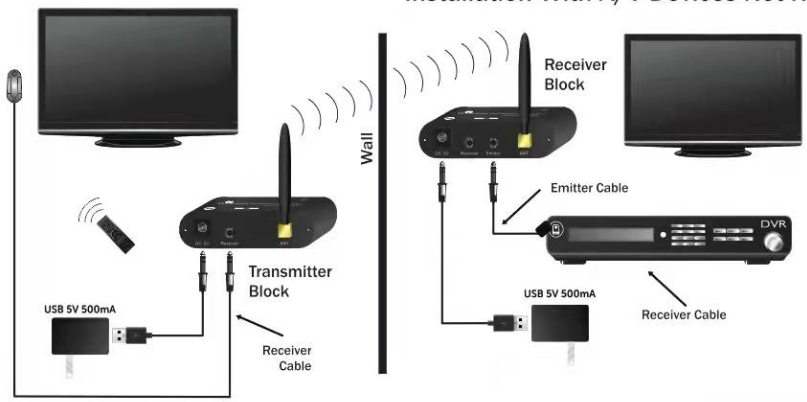
Installation Diagram for Hidden AV Equipments



Installation for WL-T1

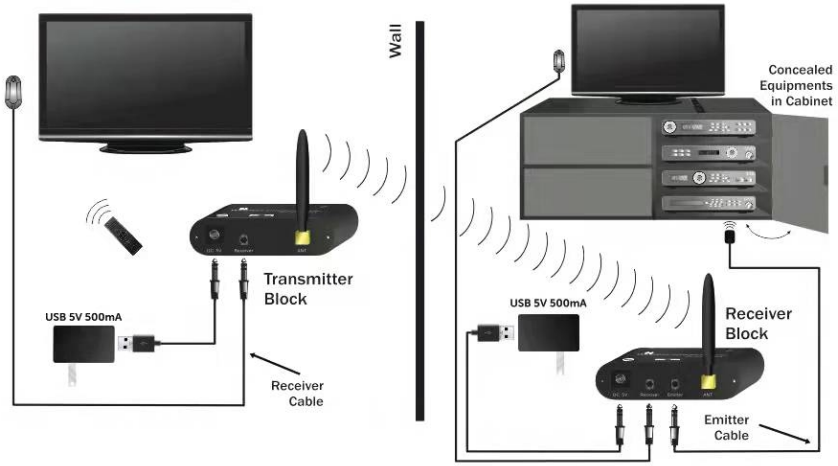
Model: WL-T1

Installation With A/V Devices Not Hidden



Model: WL-T1

Installation Diagram for Hidden AV Equipments



Package Content for Model WL-T1

- 1x Transmitter BlockT1(TX) 70x33x21mm
- 1x Receiver Block (RX) 70x33x21mm
- 2x IR Receiver Cable 1.5m
- 1x IR Emitter Cable 1.0m
- 2x USB DC5V Adaptor
- 2x USB/DC5.5mm cable 0.5m
- 1x User manual

Optional:

- Transmitter BlockT1(TX)
- Dual eye IR Emitter cable
- Quad eye IR Emitter cable

Package Content for Model WL-T2

- 1x Transmitter Block (TX) 38x20x20mm with IR Receiver cable 1.5m
- 1x Receiver Block (RX) 70x33x21mm
- 1x IR Receiver cable 1.5m
- 1x IR Emitter Cable 1.0m
- 2x USB DC5V Adaptor
- 2x USB/DC5.5mm cable 0.5m
- 1x User manual

Optional:

- Transmitter Block T2 (TX)
- Dual eye IR Emitter cable
- Quad eye IR Emitter cable

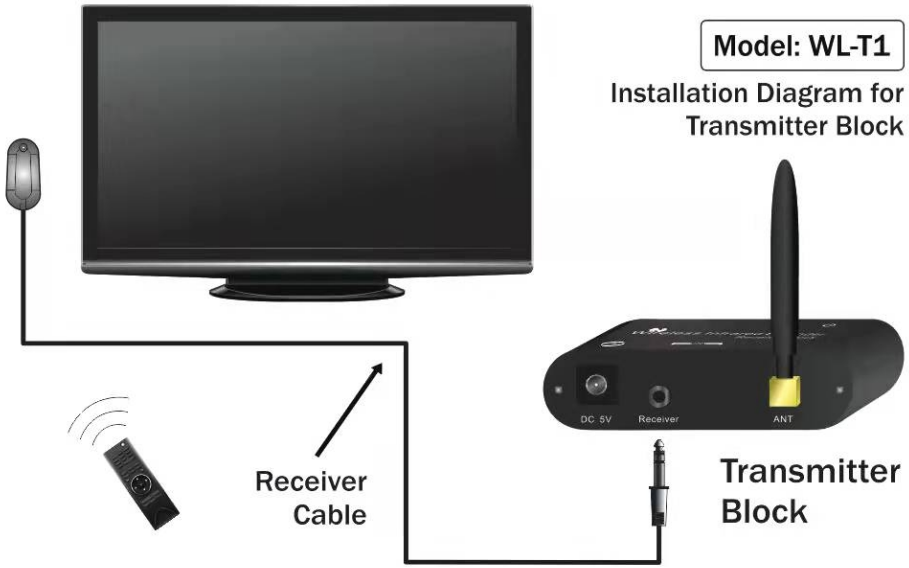
LED light Indication:

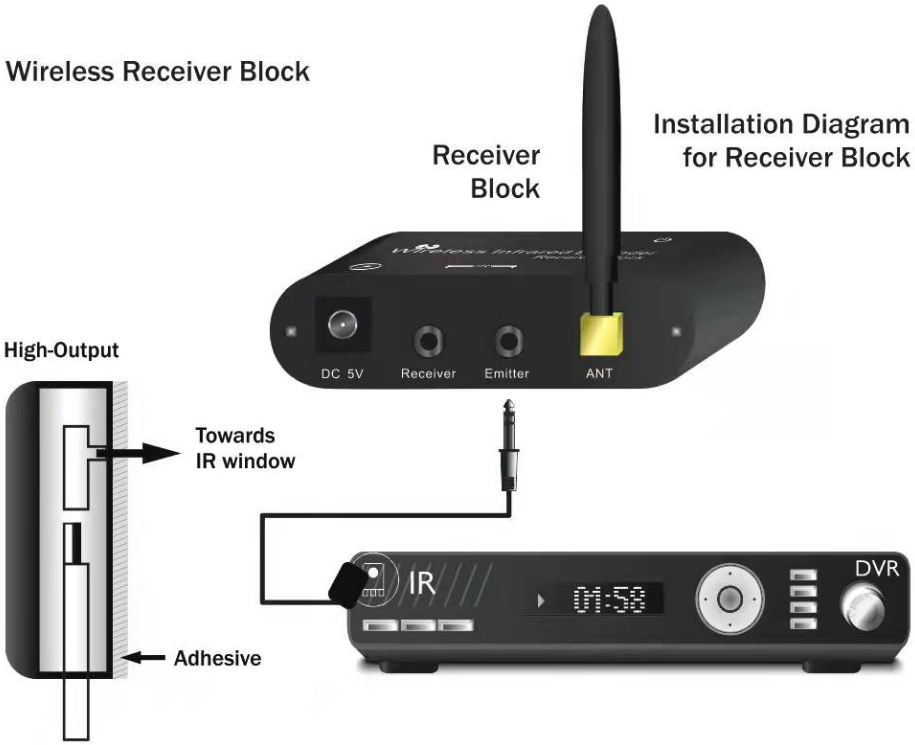
Green: Power up
Blinking Red: Signal received or transmitting

LED Indication

Technical Specification:
Transmitting Frequency: 433.92MHz ±200kHz
Receiving Frequency: 34 - 60kHz
Emitting Frequency: 38kHz
DC 5V 500mAh
Remote Distance: >7m
Transmitting Distance: >30m > 100m

Wireless Transmitter Block
IR Receiver cable must be fully inserted into the IR Receiver port on Transmitter Block. (IR Receiver is factory fitted on the Transmitter block for Model WL-T2). Ensure that IR Receiver is in line of sight with your remote control.





IR Emitter cable must be fully inserted into the Emitter port on Receiver Block. Unpeel the adhesive tape behind the IR emitter and paste it on the IR sensor in A/V devices. Dual eye and Quad eye IR Emitter cables can be added if user wish to control more than one device. The unused IR Receiver port is ready to serve with an IR Receiver cable if A/V devices are hidden in cabinet.

Questions & Answers

Not able to work?

Check all power supply. Ensure all respective cable are connected well. Check battery strength for Remote control. Ensure IR Emitter is on the best position especially if the IR status light blink when remote is pressed. Blinking red shows that signal has already been sent.

Devices do not respond to repeater kit or respond infrequently:

In this case please check to ensure that your components that you are trying to control are COMPLETELY out of the line of sight of your remote control while you are trying to control them with the repeater kit. Should the device receive more than one IR signal at a time, this may cause the device to become “confused” and not respond well or at all. Also check to ensure there are not mirrors or objects that may be bouncing the signal back to your devices from the remote control.

Not able to locate the IR receiver on devices:

First, if you have not already done so, shine a flashlight through the front face-plate of the device to help view into the device. Where the IR receiver is located the face-plate will likely be more clear and you will be able to see through the face-plate.

The IR receivers come in many shapes and sizes, though typically it looks like a tiny dome. If that fails to work, try moving the emitter around the face of the device VERY SLOWLY, about 1-2 inches away from the device. Do this while another person tries to control it with the remote control via the repeater kit. Once a response is received from the device, start bringing the emitter closer to the device. Should both these things fail, please feel free to contact your supplier.

Wireless Dual Band IR Remote Control Extender up to at least 100 meter

So you want to instal your stereo system speakers in the dinning room so as to play some nice music over dinner while hosting your guests BUT you can't change the volume or songs selection without going to the hall physically to adjust the volume control on your receiver right? This is not a problem at all with our Wireless Infrared Repeater Kit!! This wireless IR extender converts the IR signal into an RF signal at 433.92 MHz, for transmission to the receiver unit, up to 100 meters away, through walls, doors, ceilings, and floors, or whatever. At the receiving end, an IR emitter cable repeats the IR signal from your remote to up to eight individual components (by purchasing additional Quad emitter cables), so you can use them for A/V receiver, DVD player, and satellite receiver, for example. The extender operates in the IR range from 34 ~ 60 KHz Dual Band IR signals.

Basic Function:

To control audio and video devices like AV receiver, DVD Blu-ray player, and satellite receiver set top box STB etc, that are located in another room or hidden in your AV component cabinet. This wireless remote control transmitter and receiver system kit allows you to control devices between 30 to 150 meters away through walls, doors, ceilings, floors, etc. Note that different home build up and wireless equipments use at home may affect IR transmitting distance. Beside using the included DC5V power adaptors, both the Transmitter (TX) and Receiver Block can also be powered up by the USB ports of A/V devices.

Set Up:

Wireless Receiver Block is to be placed in the same locations as the devices you are trying to control. When it gets the signal from the Transmitter Block, the IR emitter connected on the Receiver block will send the signals to respective devices inside the cabinet. (Dual Eye IR Emitter, Quad Eye IR Emitter optional). Wireless Transmitter Block is at the location where remote control will be taking place. It is connected with an IR Receiver which receive signals from remote control. Upon receiving the signal from IR Receiver, the transmitter will send signal to Receiver Block at another location. Additional Wireless Transmitter block can be purchased if user want to remote control from more locations.

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment