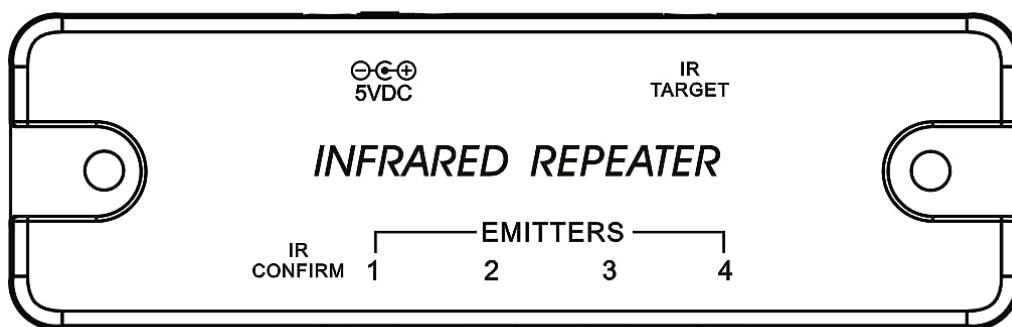


Compact IR Repeater Kit Instruction Manual

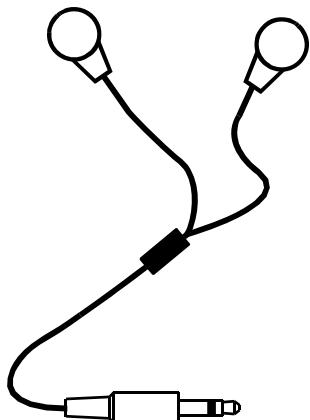
The **Compact IR Repeater Kit** connects Compact IR Repeater Box, IR Target, IR Emitter, and Power Supply together to interface the IR system to the audio/video components.

Related Components:

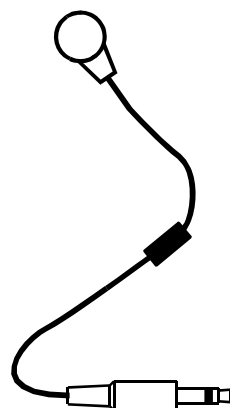
Compact IR Repeater Box



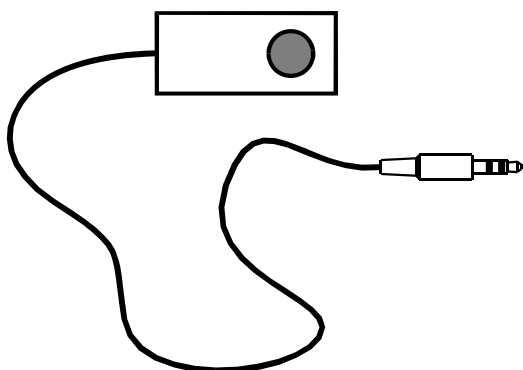
Dual IR Emitter



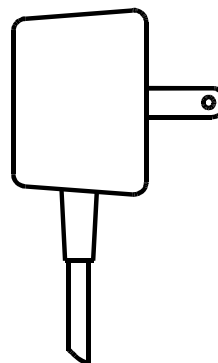
Single IR Emitter



IR Target



Power Supply



◆ Compact IR Repeater Box

FEATURES

1. Four emitter output connections.
2. Power receptacle with LED indicator.
3. Large detachable IR target connection.
4. Compact size for mounting near audio equipment.

INSTRUCTIONS

① Power

Connect a 5 VDC (500mA) power supply to the power jack of the IR Connecting Block. The red LED will be illuminated when powered. This will power all of the IR components connected to the system.

SPECIFICATIONS

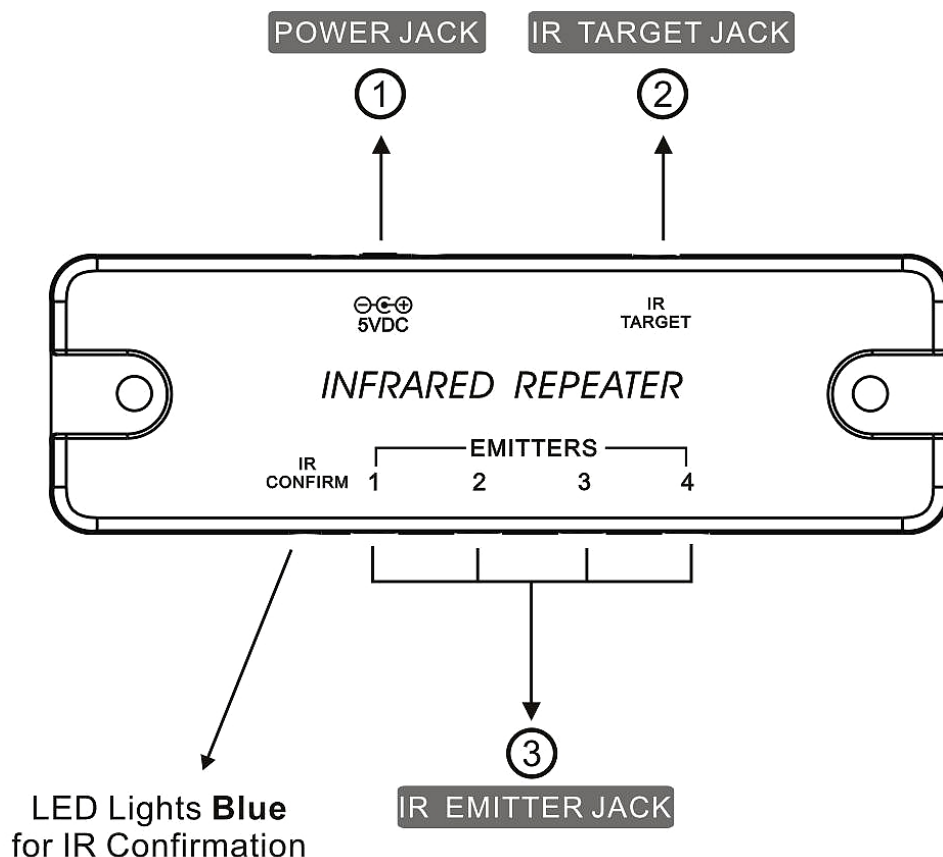
Dimensions: 103.5L x 32W x 16.5H mm

Weight : 25g

② IR Target Connection

③ Emitter Outputs

Connect up to 4 emitters to the emitter jacks labeled 1-4. Place the emitters on the source equipment.

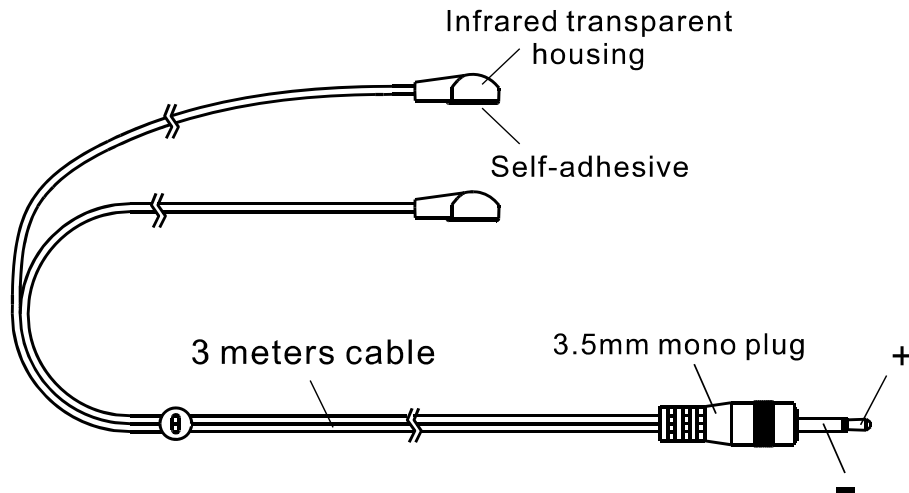


◆ Surface Mount Mini IR Target

SPECIFICATIONS

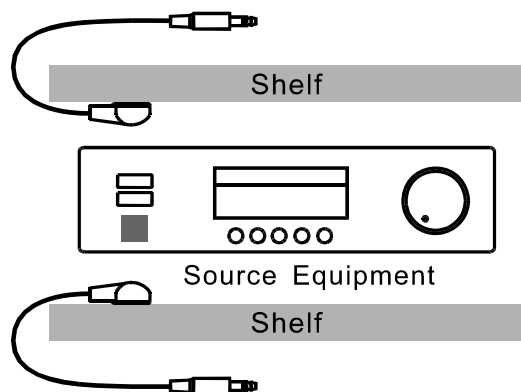
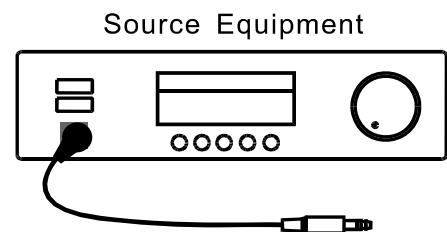
1. Receive Frequency Range.....34 KHz to 60 KHz
Range.....40ft. @ 38 KHz
.....25ft. @ 56 KHz
2. Connector Type.....1/8" (3.5mm) TRS mini plug
3. Connections: Tip→Signal, Collar→+V , Ring→Gnd
4. Cable Length:3 Meters
5. Dimensions: 20L x 9.4W x 7H mm (Cable not included)

◆ Dual IR Emitter



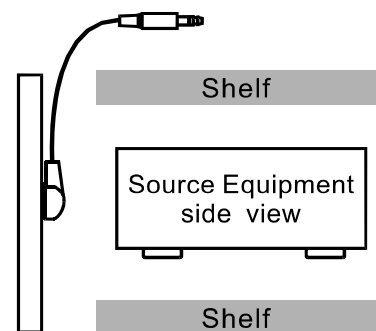
A. Standard installation

1. IR emitter attached directly to IR sensor window.
2. Most reliable activation



B. Attach emitter on inside shelf

1. Attach emitter on shelf above or below IR sensor.
2. Less reliable activation.



C. Cabinet with door installation

1. Attach emitter on door, round shape facing the IR sensor.
2. Less reliable activation.

Note: Occasionally, more reliable activation can occur by moving the IR emitter further away from the device. This may be due to improper placement of the emitter, or that the sensor itself is partially obscured. It may also be due to a peculiar remote control unit / sensor combination. Placing the emitter 5~10cm away from the IR sensor can achieve significantly better activation in such cases. Please experiment to achieve optimal activation before securing with the self-adhesive pads.

● WIRING

1. Place the IR Target in your desired location. You can attach it to the location with the included double sided tape if you wish.
2. Place the IR emitters on devices that you want to control. (Place them on the IR window on the devices) by peeling and sticking the emitters on the device.
3. Plug the IR Target into the IR Target jack on the IR repeater controller and plug the dual head IR emitters into emitter jack of the controller
4. Mount the hidden controller in cabinet with the electronics and plug it in you are done.

Basic Setup

