



PU-IR01

Infra red over CAT5/6 extender
set

OPERATION MANUAL





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1. Introduction

The IR Extender and the Repeater set is perfect for controlling IR controlled source equipment over long distances. Up to five sources can be controlled using this extender set. Two sources can be controlled located locally to the repeater, whilst the remaining three sources can be controlled locally to the extender, which can be located up to 250m away via CAT5/6 cable. This system allows for the sources to be controlled by their own original remote controls, from extended distances. A 5-eye emitter accessory can be supplied for additional control of extra source equipment.

2. Features

- Supports five outputs (two from the repeater, three from the extender).
- Control source equipment from a distance of up to 250 metres away, via CAT5/6 cable.
- Transmits infrared signals only.
- Allows the use of existing remote controls.
- IR Receiver's frequency is at 20~60 kHz.

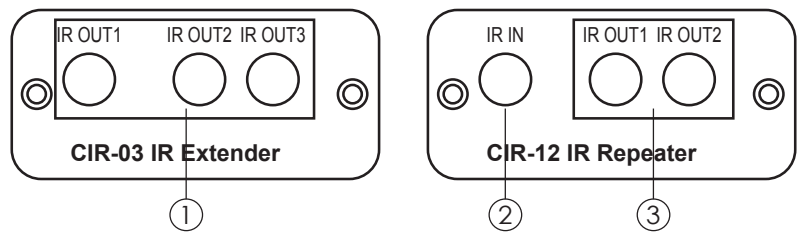
3. Package Contents

- Infrared Extender Box (CIR-03)
- Infrared Repeater Box (CIR-12)
- 1pc IR Eye Receiver cable (CIR-12)
- 5pcs IR Eye blaster cables (3pcs for CIR-03, 2pcs for CIR-12)
- 2pcs 5V DC power supply adaptors
- Operation Manual



4. Operation Controls and Functions

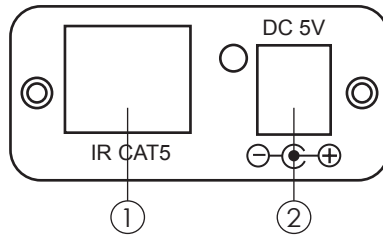
4.1 Front Panel



- 1. IR OUT1, 2 and 3: Connect your IR Eye Blaster cables to control source equipment.
- 2. IR IN: Connect to IR Eye receiver cable in order to receive IR remote control signals.
- 3. Note:
 - 1. Please be careful when plugging in the blaster and receiver cables as a wrong connection will result in a cable and device overload.



4.2RearPanel

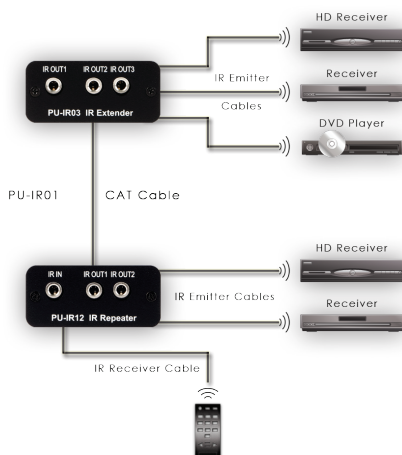


1. IR CAT5: Connect the CAT 5 cable to Infrared Extender Box with IR receiver.
2. Power: Plug the 5VDC power supply into the unit and connect the adaptor to an AC outlet.

Note:

1. Only a power adapter is needed, connect the power adapter on either the CIR-03 or CIR-12.

5. Connection Diagram



6. Specifications

Input Port	1 x IR Jack 1 x CAT5/6
Output Port	2 x IR Jack, 1 x CAT5/6 3 x IR Jack
Power Supply	5V/1A DC (both units the same)
Dimensions (mm)	60(W) x 50(D) x 25(H)
Weight (g)	Repeater: 260, Extender: 140
Chassis Material	Aluminium
Silk Skin Colour	Black
Operating Temperature	Operating from 0°C ~ 40°C