

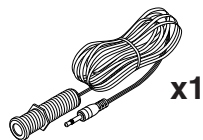
### Introduction

Thank you for purchasing this Kinetik Labs product. Please be careful when using electronic equipment and read any safety information supplied with it.

### Description

The KLIR-RMR1 is a recess mount Infra Red (IR) receiver. It is designed to pick up IR signals from remote controls as part of an IR control system. The IR receiver's design has a recess mount for discreet installation in walls, ceilings or cupboard doors.

### Contents



KLIR-RMR1 Recess mount receiver



Bezels for KLIR-RMR1 IR receiver

### Instructions / System Wiring Diagram

1. Drill a hole 13mm wide where you wish to position the IR receiver. Remove the nut, push the receiver cable and thread through the hole with the lens facing into the room. Screw the nut back on until tight to hold the receiver in place.

2. Plug the IR receiver jack securely into the Kinetik connection block input indicated 'IR Receiver'.

Once powered the IR receiver will blink when receiving IR signals.

Additional components are available separately.

#### Cable extension

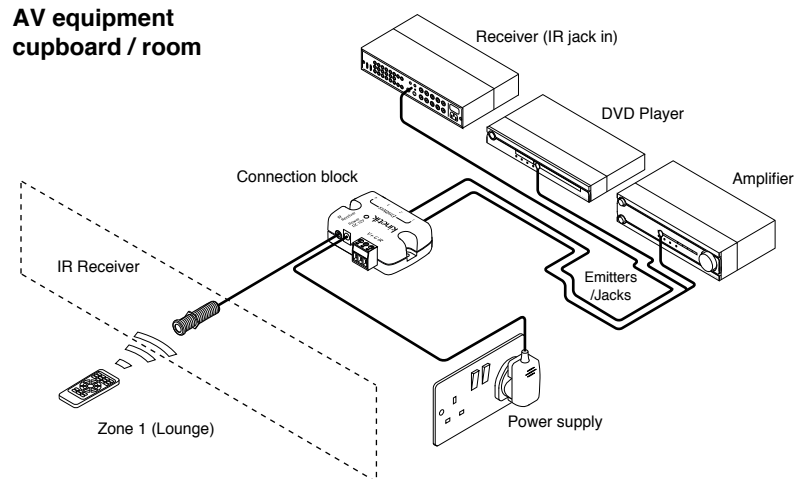
The IR receiver cable can be extended to custom lengths of up to 300m. It is recommended that two strands of CAT5 are used per signal.

To do this, firstly you need to determine the length of the run and cut that amount. Now cut the receiver cable and use the CAT5 to extend the cable length.

You must ensure you connect the identical cores as this may potentially damage the components and the system will not work.

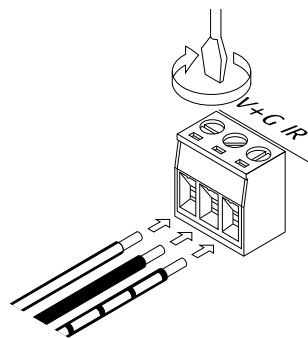
It is not necessary to use the receiver's jack termination when you have cut the cable. You can instead use the connection block's black Phoenix connector (see 'Wired Connection').

#### AV equipment cupboard / room



## Wired connection

The KLIR-CB1 connection block (available separately) comes with a Phoenix connector. This can be used as an alternative input for IR receivers or for attaching additional receivers to the system. To attach additional Kinetik IR receivers, you will need to remove its 3.5mm jack plug to wire into the connection block (as shown).

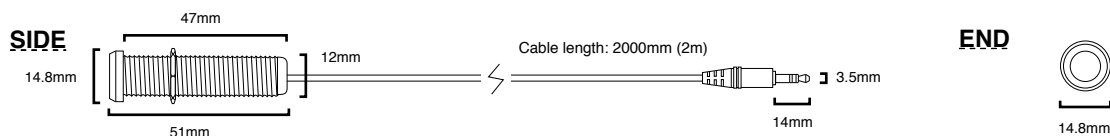


It is possible to connect and power up to 3 Kinetik IR receivers simultaneously

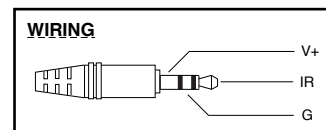
Solid line: 12V DC  
Black : Ground  
Striped : IR

## Dimensions / Specification

### KLIR-RMR1 Recess Mount Receiver



IR frequency bandwidth:	38kHz +/- 2kHz
Control range:	15m (6m in direct sunlight)
Reception angle:	+/- 45 degrees
Max. number of IR receivers on system:	3
Max. cable length:	300m



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