

### 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

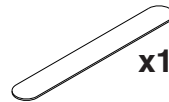
The KLIR-SMR1 is a surface mount Infra Red (IR) receiver. It is designed to pick up IR signals from remote controls as part of an IR control system. The IR receiver can be surface mounted for optimal and versatile positioning (on a TV bezel for example).

### Contents



x1

KLIR-SMR1 Surface mount receiver



x1

Receiver double-sided stick pad

### Instructions / System Wiring Diagram

1. Apply the stick pad to the base of the receiver and place it in the desired location with the rounded surface pointing into the room. Be sure to position it in clear line of sight of where the remote controls will be pointing.

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

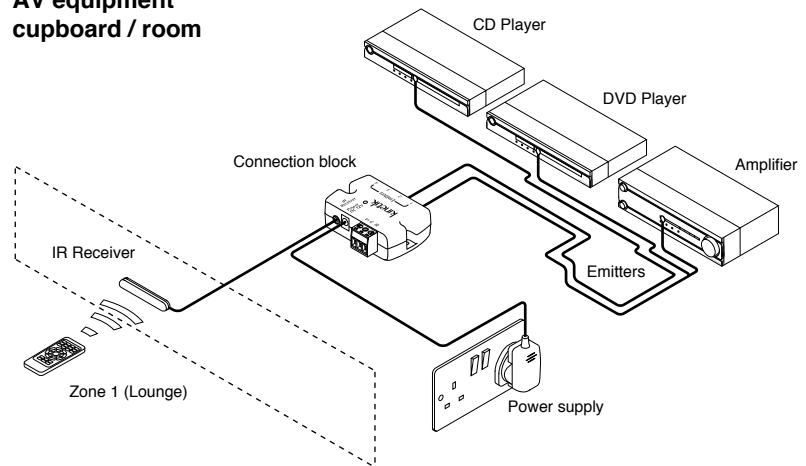
The IR receiver cable can be extended to custom lengths of up to 300m. It is recommended that two strands of CAT5 are used per signal.

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.

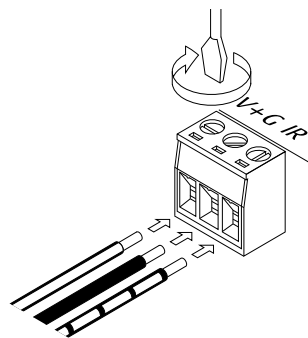
It is not necessary to use the receiver's jack termination when you have cut the cable. You can instead use the connection block's black Phoenix connector (see 'Wired Connection').

#### 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).



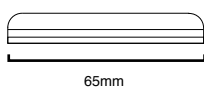
Solid line: 12V DC  
 Black : Ground  
 Striped : IR

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

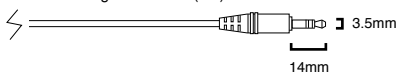
## Dimensions / Specification

### KLIR-SMR1 Surface Mount Receiver

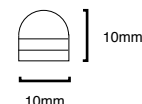
**SIDE**



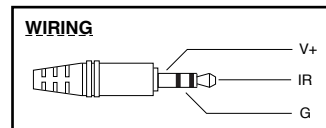
Cable length: 2000mm (2m)



**END**



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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