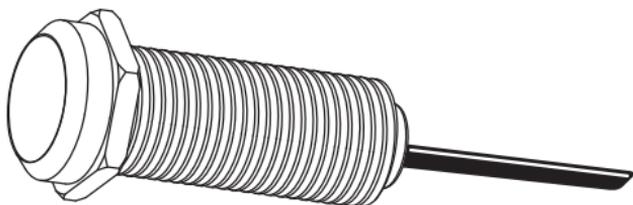


 episode

INSTALLATION MANUAL
EE-IR-RCVR-TUBE



REAL. LIFE. SOUND.



CONTENTS

- 1x IR tube receiver
- 1x washer
- 1x 3.5mm to 3-pin male screw terminal adapter
- 1x 3.5mm to 3-pin female screw terminal adapter

SETUP

Placement

Determine the best location for the IR Receiver. The IR receiver should be placed so that it does not directly face other light sources such as lamps or displays (standard, LCD, or plasma.)

Ensure that this location is within the distance parameters of the IR Receiver.

Mounting

Drill a 1/2" hole in any surface, such as a cabinet panel. Pass the lead and body of the EE-IR-RCVR-TUBE through the hole, and secure from the rear with the supplied nut.



CONNECT

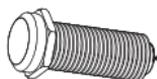
Standard Wiring

Connect the IR Receiver to an IR repeater, or any device with an IR Receiver input.

Note: Do not connect the IR Receiver to an IR Emitter connection as it may damage the IR Receiver.

IR Repeater Screw Terminals

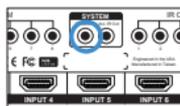
EE-IR-RCVR-TUBE



IR Connection
Block

or

Device with
IR Receiver Input



When using an IR Repeater, the IR Receiver can be connected to the screw terminals by removing the 3.5mm (1/8") connector. When this method is used, proper polarity MUST be maintained in order to ensure proper operation.

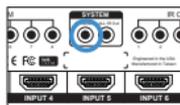
EE-IR-RCVR-TUBE



IR Connection
Block

or

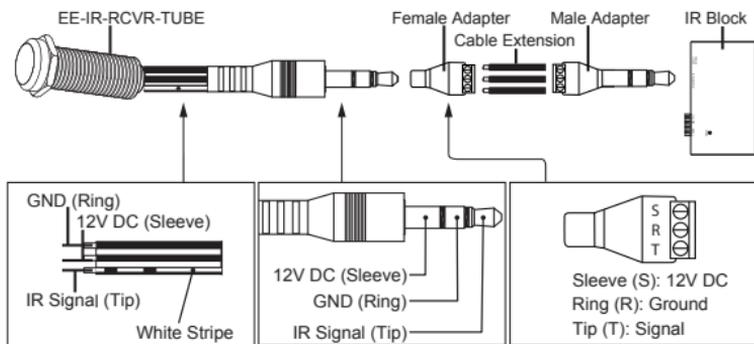
Device with
IR Receiver Input



Extending the Cable

Attach or extend the wire using the provided adapters. Proper polarity **MUST** be maintained in order to ensure proper operation. Wire pinouts are displayed below for reference.

IR Connection Block Screw Terminals



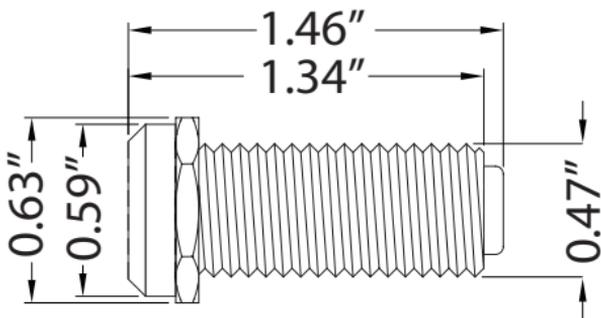
When using long lengths of cable (>50ft.), it may be necessary to connect a 470 Ohm 1/8 Watt resistor between the "IR IN" (signal) and "GND". The resistor discharges the cable capacitance, which allows high bit-rate IR codes to work with higher reliability.



SPECIFICATIONS

| | |
|------------------------------------|--|
| Power | +12VDC @ 25mA |
| Maximum Recommended Cable Length | 1000' (CAT cables) |
| Carrier Frequency Acceptable Range | 30kHz to 60kHz |
| Control Range | 4' to 40', depending on signal strength and ambient noise conditions |
| Dimensions | 0.63" W x 1.57" D |
| Control Angle | 0+/- 45° off axis |

DIMENSIONS



WARRANTY

3-Year Limited Warranty

This Episode® product has a 3-year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty will not apply to products that have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).

CONTACTING TECHNICAL SUPPORT

We hope you enjoy your new Episode® Electronics product. For your convenience, our technical support team is available via phone or email, 5 days a week. Please give us a call or send an email should you have any questions or concerns.

(866) 838-5052

techsupport@snapav.com

snapav.com



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