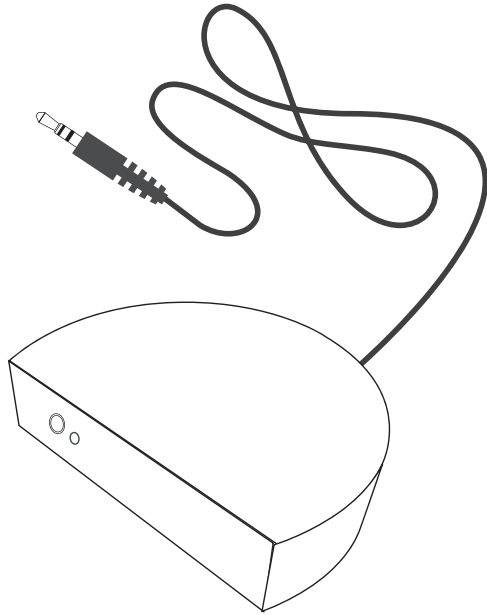


SaphIR
854
Mini Tabletop Infrared Receiver
Installation Manual



Specifications

Receive Frequency Range:	36kHz to 58kHz
Transmit Frequencies:	40kHz and 56kHz
Range:	On Axis – 55ft to 80ft (16.8-24.4m) 30° Off Axis – 30ft to 55ft (9.1-16.8m)
Power:	12VDC 31mA max.
Dimensions:	2.125" W x 0.688" H x 1.5" D (54 x 17.5 x 38.1mm)
Cord Length:	84.65" (215cm)
Connector Type:	1/8" (3.5 mm) TRS mini plug
Finish:	Black

See reverse side for installation instructions

Product Overview

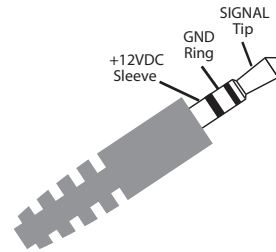
The 854 Tabletop IR Receiver receives IR signals from a handheld IR remote control and relays these signals to the audio-video equipment for operation from another room. The blue talkback LED can be disabled and re-enabled by moving a jumper inside the 854. The receiver has a non-skid base and is placed on a flat surface.

Features

- CFL friendly - allows installations in areas with compact fluorescent lighting. Works in most lighting environments.
- Blue IR confirmation LED
- Interior jumper to disable talkback LED
- Wide band IR receives IR from many types of remotes
- Non-skid base
- 84.65" (215 cm) cable with 1/8" (3.5mm) stereo mini-plug

Wire Connections

Below are shown the conductors on the 1/8" (3.5mm) stereo mini plug. The sleeve is +12VDC, the ring is Ground, and the tip is Signal.



Limited Warranty

The Russound 854 IR Receiver is fully guaranteed for two (2) years from the date of purchase against all defects in materials and workmanship. For this warranty to apply, the unit must be installed and used according to its written instructions. During this period, Russound will replace any defective parts and correct any defect in workmanship without charge for either parts or labor. Accidental damage and shipping damage are not considered defects under the terms of this warranty. Russound assumes no responsibility for defects resulting from abuse or servicing performed by an agency or person not specifically authorized in writing by Russound. If service is necessary, it must be performed by Russound. Damage to or destruction of components due to excessive power voids the warranty. In these cases, the repair will be made at the owner's expense. To return for repairs, the unit must be shipped to Russound at the owner's expense, along with a note explaining the nature of the service required. Be sure to pack in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit.

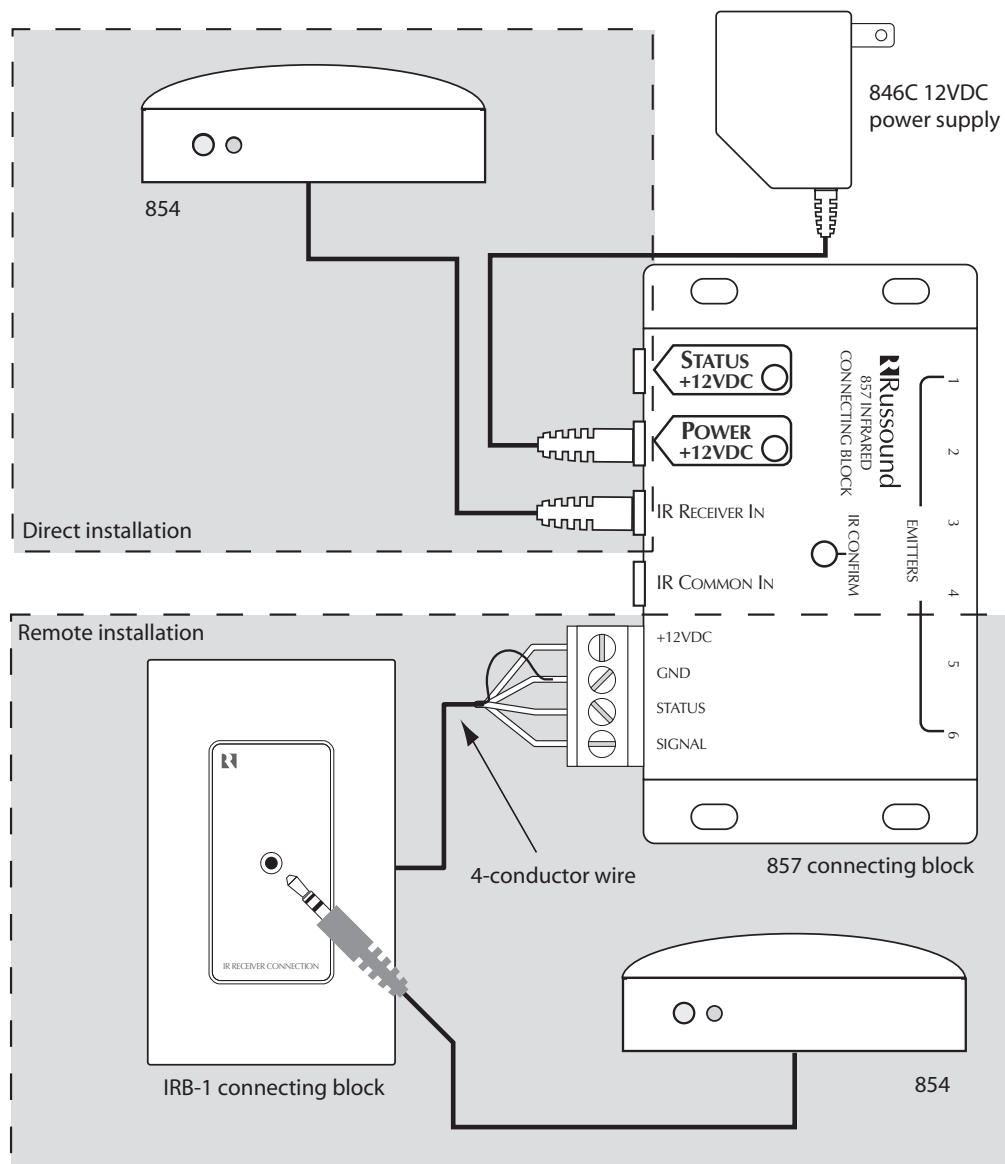
Before returning a unit for repair, call Russound at (603) 659-5170 for a Return Authorization number. Write the RA number on the shipping label and ship to: Russound, ATTN: Service, 5 Forbes Road, Newmarket NH 03857

Russound sells product only through authorized Dealers and Distributors to ensure that customers obtain proper support and service. Any Russound product purchased from an unauthorized dealer or other source, including retailers, mail order sellers and online sellers will not be honored or serviced under existing Russound warranty policy. Any sale of products by an unauthorized source or other manner not authorized by Russound shall void the warranty on the applicable product.

Installation

The 854 is used in two typical installations: Direct (connected directly to an IR connecting block, e.g., 857) and Remote (remote mounting using an interface, e.g., IRB-1 in-wall connecting block).

In both installations, the 854 may be connected to the IR RECEIVER IN jack using the 1/8" (3.5mm) stereo mini-plug. In remote installations, it may be preferable to hard wire to the 4-position termination plug on the 857 or IRB-6 connecting block.



Disable IR talkback LED

Inside the 854 housing is a jumper that is used to disable (and re-enable) the blue talkback LED. To access the jumper, remove the screw from the bottom of the receiver. Separate the base panel from the enclosure. Slide the front panel out of the enclosure. The jumper is easily reached at this point.

To disable the talkback LED, move the jumper to one or no pins. To enable the talkback LED, place the jumper on both pins. Slide the front panel back into the enclosure, and secure the base panel with the screw.

