



RadioShack®

Cat. No. 15-1950

OWNER'S MANUAL

Please read before using this equipment.

Wireless IR Remote Extender

Thank you for buying the RadioShack Wireless IR Remote Extender. The extender increases your existing remote control's operating range. The extended range lets you control your TV, VCR, stereo, CD player, or cable converter from greater distance than normally possible with existing remote controls without concern for line-of-sight requirements.

Features include:

Full remote Control Compatibility — receives, converts, and relays infrared signals from virtually any infrared remote control.

Powerful Radio Frequency — lets you control audio/video equipment from up to 100 feet away, even from another room in your house.

[warning and caution (risk of electric shock) wordings here]

[lightning and exclamation wordings here]

INSTALLATION

Your RadioShack Wireless Infrared Remote Control Extender includes a transmitter and a receiver. The transmitter senses the infrared signals from your audio/video equipment's remote controls and converts them into wireless transmissions. The receiver senses these transmissions, converts them back into identical infrared signals then relays them to your audio/video equipment.

Installing the Receiver

Follow these steps to install the receiver.

1. Place the receiver in front of the audio/video equipment and position it:
 - o Within 20 feet of the audio/video equipment's remote sensor
 - o With the receiver's front directly in front of the audio/video equipment's remote sensor
2. Fully extend the telescopic antenna.

Note: Rotate and adjust the receiver's telescopic antenna for the best reception when you use it for the first time.

3. Connect the supplied AC adapter's barrel plug into the DC 12V jack, then connect the adapter's AC plug to a standard AC outlet.

Cautions:

- o You must use a Class 2 power source that supplies 12V DC and delivers 120 mA. Its center tip must be set to positive and its plug must fit the receiver's DC 12V jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the receiver or the adapter.
- o Always connect the AC adapter to the receiver before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the receiver.

Connecting an IR Repeater

You can connect the supplied IR repeater when you need to place the receiver next to your audio/video equipment instead of in front of it, or if your requirement is located inside a closed cabinet.

You can connect the supplied IR repeater when you need to place the receiver next to your audio

Follow these steps to connect the IR repeater.

1. Insert the repeater's plug into the receiver's 1/10-inch (2.4 mm) IR OUT jack.
2. Then position the repeater cord's LED so the VCR's remote sensor can pick up the signal it emits.

Notes:

- o Do not place it directly in front of the remote sensor.
- o You can mount the IR repeater using its adhesive back to hold it steady.

Installing the Transmitter

Follow these steps to install the transmitter.

1. Place the transmitter away from the audio/video equipment and the extender's receiver (in another room, for example) and position it:
 - o Within 100 feet of the extender's receiver
 - o Within 20 feet of your remote control
 - o With transmitter's front facing your remote control
2. Connect the supplied AC adapter's barrel plug into the transmitter's DC 12V jack, then connect the adapter's AC plug to a standard AC outlet.

Caution: You must use a Class 2 power source that supplies 12V DC and delivers 120 mA. Its center tip must be set to positive and its plug must fit the transmitter's DC 12V jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the transmitter or the adapter.

Note: The extender system's LEDs (particularly the transmitter's) might blink occasionally. This is caused by interference in the local vicinity and is normal.

[THE FCC WANTS YOU TO KNOW wordings here]

[CARE wordings here]

SPECIFICATIONS

Power Supply	120VAC/60Hz, 12VDC/120mA
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Transmitter

Transmit Frequency	418 MHz
Modulation Type	ASK
Transmit Power (EIRP)	1mW (FCC)
Frequency Accuracy	± 1 MHz
Remote Range (R/C to TX)	20 Feet, Vertical $\pm 30^\circ$ /Horizontal $\pm 15^\circ$.
Extension Range (TX to RX)	100 Feet Min.

Receiver

Operation Frequency	418 ± 1 MHz
Input Sensitivity	-85dB Min.
Remote Range (RX to VCR)	20 Feet, Vertical $\pm 30^\circ$ /Horizontal $\pm 15^\circ$

External IR Jack	2.4 mm
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Operating Temperature	32° to 104° F (0° to 40°C)
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Dimensions (HWD)	2 5/8 x 3 7/8 x 3 1/16 Inches (66 x 99 x 78 mm)
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Weight

Receiver	3.17 oz (90 g)
Transmitter	3.53 oz (100 g)

Specifications are typical; individual units may vary. Specifications are subject to change and improvement without notice.

90 days warranty

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