

Model: RFIR-RX

RF receiver and IR data decoder



description:

The RFIR-RX receiver unit connects to the RF distribution system through its coaxial input connector. A coaxial loop-through connector passes the RF information out for connection to an external device, such as a TV CATV input. The receiver unit is tuned to the carrier frequency of the RFIR-TX transmitter and the RFIR-RX decodes the transmitter's data packets as they arrive. Each receiver unit is uniquely addressed and will only act on data packets that match its address. Addresses are configured by adjusting three rotary dials inside the unit. Each dial is set from 0 to 9. This allows for a total of 1,000 addresses. Special order requests allow up to 10,000 addresses. Once a valid data packet arrives with the correct address, the receiver unit converts the signal back to the original infrared signal and sends it out to a standard IR emitter diode for delivery to the target device.

specifications:

Receiver frequency: tuned at 418 MHz (cable channel 56).

RF signal I/O connector: F-type 75 ohm coaxial jack

Loop through insertion loss: ~ 2 DB at 75 oms.

IR emitter connection port: 3.5 mm mini mono jack.

Power: 15 VDC @ 200 Ma

Dimensions: (L x W x H) 5 3/8" x 3 3/4" x 1.0"

On Power auto boot and self test.

Power indicator: Red LED

Activity indicator: Green LED

Clam shell snap off front cover for tool free access to internal settings



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