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CALRAD
ELECTRONICS

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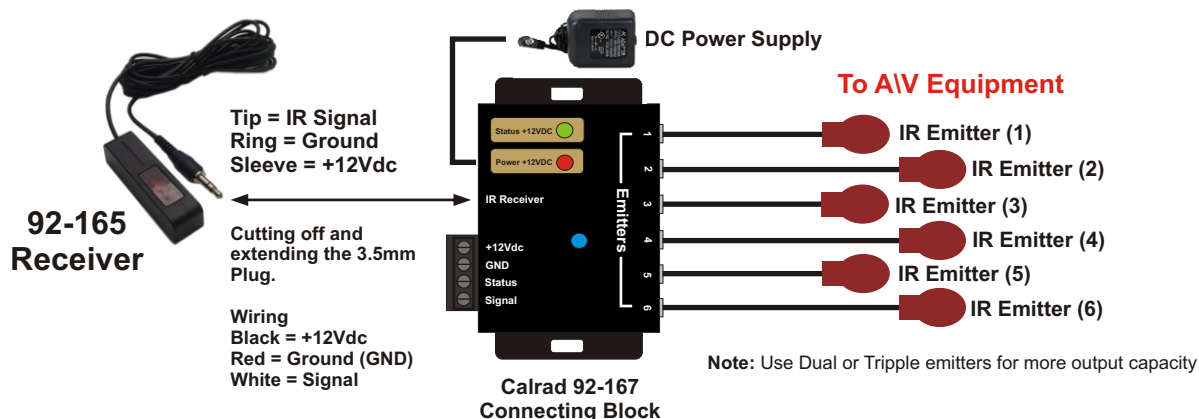
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 Visit us on the web at www.calrad.com

New

Part No.
92-165
Surface Mount
IR Receiver



Calrads 92-165 surface mount mini wideband IR receiver works with Calrads 92-167 connecting block as well as other industry standard IR distribution connecting blocks. It's small size makes it perfect for all types of different style IR repeating installations. The Receiver is used with a remote control extender / repeater system. It accepts signals from your infrared remote control and relays the signal through to the 3.5mm stereo mini-plug, which can be connected to Calrads Connecting Block, which in turn the signal is distributed to a single or multiple IR emitters which will send the signal to your AV equipment. This setup allows you to control equipment which is in a closet, equipment rack or behind you, or even in another room!



Specifications:

Wide-band Infrared demodulator accepts commands from most remotes
 Extended reception range, IR reception up to 40 feet!
 Wide off-axis reception up to 45 degrees
 Automatic Gain Control (AGC), significantly reduces interference problems for reliable performance
 Low profile compact size allows installation in a variety of locations
 Unique SaphIR blue LED provides clear visible confirmation that indicates reception of IR signal
 Universal applications, 12VDC power input and IR output signal are compatible with most IR connecting blocks
 Reliable circuit design, Calrad's own micro-controller-based IR circuit
 Dimensions: 2.14"W x 0.56"H x .52"D
 Power: 12VDC 31mA max.
 Receive Frequency: 36kHz to 58kHz
 Transmit Frequency: 40kHz and 56kHz
 Range: On Axis, 55ft to 80ft 30° Off Axis 30ft to 55ft
 Termination: 6 ft. cable, 3.5mm Stereo Plug
 Color: Black