

**Overview:**

The IR Sensor (500999) works in conjunction with MuxLab products to support IR source control between the AV source and the AV display. The 500999 connects to an active balun transmitter.

The IR Emitter (500998) is the complementary product that connects to the active balun transceiver. The handheld remote control is not included.



**Key Features:**

Suitable for IR data format: NEC code, RC5 code, RC6 code, Grunding code, RCA Code, Zenith code and Sony 12-bit code.  
Carrier frequency: 38 kHz

<b>Specifications</b>	
<b>Environment</b>	Infra-red (IR) control
<b>Devices</b>	TV Sets, STB, DVD, DVR, PVR, satellite receivers.
<b>Works with MuxLab P/Ns</b>	500145, 500405, 500407, 500415, 500416, 500417, 500418, 500419, 500420, 500450, 500451, 500453, 500454, 500456, 500460, 500468, 500469, 500600
<b>Transmission</b>	Transparent to the user
<b>IR data format supported</b>	NEC code, RC5 code, RC6 code, Grunding code, RCA Code, Zenith code and Sony 12-bit code
<b>Frequency</b>	38 KHz
<b>IR Wavelength</b>	940 nm
<b>Receiving Distance</b>	15 m
<b>Connectors</b> 3.5mm (stereo) plug	
<b>Temperature</b>	Operating: 0° to 40°C Storage: -10° to 70°C Humidity: up to 95% non-condensing
<b>Enclosure</b>	Dark purple epoxy resin
<b>Dimensions</b>	0.79" x 0.95" x 0.51" (20 mm x 24 mm x 13 mm) with 39" (1 m) cable
<b>Weight</b>	0.64 oz. (18 gms)
<b>Compliance</b>	RoHS
<b>Warranty</b>	2 years
<b>Order Information</b>	500999 - IR Sensor (UPC: 627699009994)

**Typical Application:**

