

### 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 receiver.

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



### Key Features

- Supports IR data formats: NEC code, RC5 code, RC6 code, Grunding code, RCA Code, Zenith code and Sony 12-bit code
- Carrier frequency: 38 kHz

Specifications	
<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
<b>IR data format supported</b>	NEC code, RC5 code, RC6 code, Grunding code, RCA Code, Zenith code and Sony 12-bit code
<b>Carrier Frequency</b>	38 kHz
<b>IR wavelength</b>	940 nm
<b>Receiving Distance</b>	15m
<b>Connector</b> 3.5mm (stereo) plug	
<b>Temperature</b>	Operating: 0° C to 40° C Storage: -10° C 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" (1m) cable
<b>Weight</b>	0.64 oz (18 gms)
<b>Regulatory</b>	RoHS
<b>Warranty</b>	Two (2) years
<b>Order Information</b>	500999: IR Sensor

### Typical Application

