# MuxLab

#### 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.

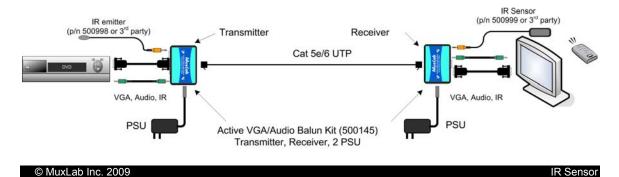


#### Key Features

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	
Environment	Infra-red (IR) control
Devices	TV Sets, STB, DVD, DVR, PVR, satellite receivers.
Works with MuxLab P/Ns	500145, 500405, 500407
IR data format supported	NEC code, RC5 code, RC6 code, Grunding code, RCA Code, Zenith code and Sony 12-bit
	code
Carrier Frequency	38 kHz
IR wavelength	940 nm
Receiving Distance	15m
Connector	
3.5mm (stereo) plug	12VDC @ 2mA Data (Out) GND
Temperature	Operating: 0° C to 40° C Storage: -10° C to 70° C Humidity: Up to 95% non-condensing
Enclosure	Dark purple epoxy resin
Dimensions	0.79" x 0.95" x 0.51" (20 mm x 24 mm x 13 mm) with 39" (1m) cable
Weight	0.64 oz (18 gms)
Regulatory	RoHS
Warranty	Two (2) years
Order Information	500999: IR Sensor

### **Typical Application**



## MuxLab Inc.

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