

**Overview:**

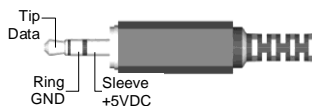
The IR Emitter (500990) works in conjunction with MuxLab products to support IR source control between the AV source and the AV display. The 500990 connects to an active Transmitter.

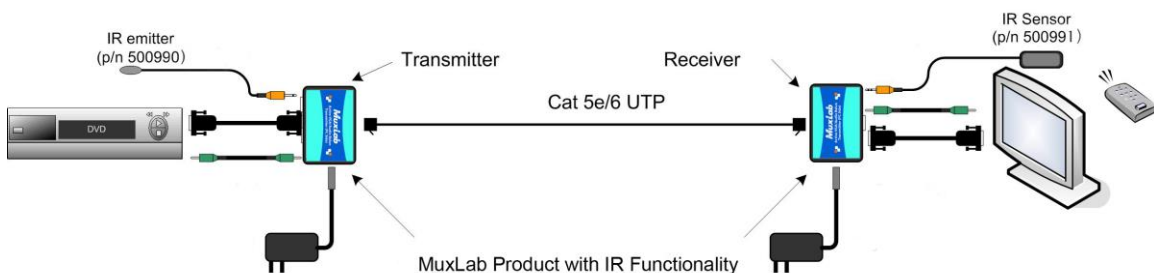
The IR Sensor Carrier wave 5VDC (500991) is the complementary product that connects to the active Receiver. The handheld remote control is not included.



**Key Features:**

- NEC code, RC5 code, RC6 code, Grounding code, RCA Code, Zenith code and Sony 12-bit code
- Carrier Frequency: 38 – 56KHz

Specifications	
<b>Environment</b>	Infrared (IR) control
<b>Devices</b>	TV Sets, STB, DVD, DVR, PVR, satellite receivers.
<b>Supported IR Data Formats</b>	NEC code, RC5 code, RC6 code, Grounding code, RCA Code, Zenith code and Sony 12-bit code.
<b>Carrier Frequency</b>	38 to 56KHz
<b>IR Wavelength</b>	940nm
<b>Emitting Distance</b>	5cm
<b>Connectors</b>	IR Emitter: 3.5mm (stereo) jack
<b>Pin Configuration</b>	Tip: +5VDC Ring: Data Sleeve: N.C. 
<b>Cable Length</b>	63" (1.6m)
<b>Temperature</b>	Operating: 0° to 40°C Storage: -25° to 80°C Humidity: Up to 95% non-condensing
<b>Enclosure</b>	Plastic
<b>Dimensions</b>	0.64" x 0.79" x 0.32" (16 x 20 x 8mm)
<b>Weight</b>	1oz (28g)
<b>Regulatory</b>	RoHS
<b>Warranty</b>	Two (2) years
<b>Order Information</b>	500990 IR Emitter, 1.6M (UPC: 627699009901)



**MuxLab Inc.**

8495 Dalton Road, Mount Royal, Quebec, Canada, H4T 1V5  
 Tel: (514) 905 0588 Fax: (514) 905 0589  
 Toll Free: 1 877 689-5228  
 E-mail: [videoease@muxlab.com](mailto:videoease@muxlab.com)  
[www.muxlab.com](http://www.muxlab.com)