

**Overview:**

The IR Sensor Carrier Wave 5VDC (500991) works in conjunction with MuxLab products to support IR source control between the AV source and the AV display. The 500991 connects to an active Receiver.

The IR Emitter (500990) is the complementary product that connects to the active Transmitter. 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>Receiving Distance</b>	15m
<b>Connectors</b>	IR Sensor: 3.5mm (stereo) jack
<b>Pin Configuration</b>	Tip: Data Ring: +5VDC @ 2mA Sleeve: GND
<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>	500991 IR Sensor Carrier Wave 5VDC, 1.6M (UPC: 627699009918)

