

**Overview:**

The IR Emitter (500998) works in conjunction with MuxLab products to support IR source control between the AV source and the AV display. The 500998 connects to an active balun transmitter.

The IR Sensor (500999) is the complementary product that connects to the active balun receiver. The handheld remote control is not included.


**Key Features:**

Suitable for IR data format: NEC code, RC5 code, RC6 code, Grundig 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, 500406, 500415, 500416, 500418, 500419, 500420, 500450, 500451, 500453, 500454, 500456, 500460, 500468, 500469, 500600 |
| Transmission             | Transparent to the user                                                                                                                |
| IR data format supported | NEC code, RC5 code, RC6 code, Grundig code, RCA Code, Zenith code and Sony 12-bit code                                                 |
| Frequency                | 38 KHz                                                                                                                                 |
| IR Wavelength            | 940 nm                                                                                                                                 |
| Connectors               | 3.5mm (mono) plug                                                                                                                      |
| Temperature              | Operating: 0° to 40°C Storage: -10° to 70°C<br>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 71" (1.8m) cable                                                                    |
| Weight                   | 0.64 oz. (18 gms)                                                                                                                      |
| Compliance               | RoHS                                                                                                                                   |
| Warranty                 | 2 years                                                                                                                                |
| Order Information        | 500998 IR Emitter (UPC: 627699009987)                                                                                                  |


**Typical Application:**
