

## CD 15 : CD 15 Multiplex Stereo Demodulator

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The Marti CD 15 Stereo Demodulator decodes a multiplexed composite signal into discrete right and left channel audio. The CD 15 provides for a composite AM Stereo transmitter feed, audio monitoring at composite STL repeater sites, and composite stereo remote broadcasting. The unit is equipped with 75 microsecond de-emphasis and delivers 600 ohm balanced audio via rear panel outputs.



### GENERAL SPECIFICATIONS

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**Input Level:**

300 millivolts RMS

**Channel Separation:**

45 dB

**Channel Balance (monaural):**

0.3 dB

**Distortion (monaural):**

0.4%

**Outputs:**

+10 dBm, 600 ohms balanced

**Signal to Noise (L&R):**

55 dB

**Frequency Response:**

+/- 1.5dB, (20 Hz to 15 kHz)

**Metering:**

Pilot LED, DC power LED, 12-segment peak-hold bargraph for each channel

**Audio Processing:**

75 micro-second de-emphasis standard

**Controls:**

Program Level pots each channel, automatic Stereo/Mono switching keys, Accessory relay

**Connectors:**

BNC jack for composite input, 10-pin screw terminal plug and socket for audio output and relay access

**RF Protection:**

All outputs filtered for RF, totally shielded and bonded aluminum enclosure

**Operating Temperature Range:**

-10 degrees C to +50 degrees C.

**Power Requirements:**

110-125 VAC, 50-60 Hz, 12.5 VDC (neg. ground), 220 VAC on request (must be specified with order)

**AC Fuse:**

1/2 Ampere 3AG fuse for 120 VAC operation

### PHYSICAL SPECIFICATIONS

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**Weight:**

5 pounds, 2.2 kilograms

**Dimensions:**

1.75 inches high x 19 inches wide x 13 inches deep.

4.45 cm high x 48.26 cm wide x 33.02 cm deep

**Shipping Weight:**

8 pounds domestically.

3.6 kilograms export.

**SPECIAL NOTES**

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Specifications subject to change without notice.