



## 2. Specifications

All specifications for the single sideband Receiver Converter Model RC-288 are divided into two categories; electrical and physical.

a. Electrical. The electrical specifications of this unit include all electronic characteristics as well as the primary power requirements. These specifications are listed as follows:

(1) PRIMARY POWER REQUIREMENTS

115/230 volts  $\pm 10$  percent 50/60 cps  
single phase, 200 watts.

(2) AUDIO OUTPUT

+10 dbm at 600 ohms, each channel, balanced.

(3) AUDIO FREQUENCY RESPONSE

Within  $\pm 2$  db from 250 cps to 6000 cps.

(4) TOTAL HARMONIC AND CROSS-MODULATION  
DISTORTION

Overall distortion is less than 2 percent at rated  
power output.

(5) HUM AND NOISE LEVEL

-60 db or better.

(6) METERING FACILITIES

a. Carrier meter is operated by diode rectifier  
in carrier channel of the single sideband  
adapter.

- b. Drift correction indicator, mechanically connected to AFC servo system, displays tuning drift to maximum of  $\pm 2000$  cps.
- c. Audio output meter monitors either upper or lower sideband output. Range 0 VU or +10 VU.

(7) MONITOR OUTPUT

The monitor amplifier may be switched to either upper or lower sideband audio output.

(8) TERMINAL CONNECTIONS

- a. Terminal for each audio output channel.
- b. AGC Terminal.
- c. UG - 625/U I-F INPUT.

b. Physical. The physical specifications of the RC-288 Receiver Converter are provided in the following list:

WEIGHT	58 pounds
MATERIAL	Chassis and Front Panels - Aluminum
FINISH	Medium Grey, Semi-Gloss White Lettering
MOUNTING OF EQUIPMENT	Chassis is in horizontal position; all tubes vertical.
DIMENSIONS	Width, 19 inches Height, 8 3/4 inches Depth, 17 1/2 inches