

RPT 15 - Specifications : Technical Specifications

AVAILABLE OPERATING FREQUENCIES

150 MHz Band:

Range from 135 to 185 MHz

215 MHz Band:

Range from 200 to 260 MHz

300 MHz Band:

Range from 280 to 340 MHz

415 MHz Band:

Range from 400 to 430 MHz

450 MHz Band:

Range from 430 to 480 MHz

RF SPECIFICATIONS

Max Power Output:

15 W

Frequency Selection:**Max Frequency Separation @ 135-185 MHz:**

1 MHz

Max Frequency Separation @ 200-260 MHz:

2 MHz

Max Frequency Separation @ 280-340 MHz:

3 MHz

Max Frequency Separation @ 400-480 MHz:

5 MHz

Frequency Stability:

$\pm 0.00025\%$

Spurious Emission:

More than 55 dB below carrier

PERFORMANCE SPECIFICATIONS

Modulation Control:

Broadcast quality compressor limiter built-in

Audio Input Level:**Mic In:**

-68 dB to -35 dB

Line In:

0 to +10 dBm, 8-600 Ohms

RF Output Impedance:

50 Ohms

Encoding:

Sub-audible (27 Hz) tone encoder built in

MECHANICAL/PHYSICAL

Audio Inputs:

One microphone input and one high level unbalanced input/individual mixing gain controls

Accessory Connector:

Broadcast Electronics

Technical Specifications

9-pin "D" connector, DC power, remote control, encode, line level input

RF Connector:

SO-239 UHF Female

Dimensions (Unpacked):

3.75"H x 8.75"W x 12.5"D (includes heat sink)

Weight (Unpacked):

10 lbs

ELECTRICAL

AC Input:

110-125 VAC, 50-60 Hz (220,230 or 240 VAC on request)

DC Input:

11-13.5 VDC (neg. gnd.)

External Battery (optional):

Soft side battery pack and charger optional

ENVIRONMENTAL

Operating Temperature:

-10° C to +45° C

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

