

RPT 2 : Technical Specifications

Designed for quick deployment, the RPT 2 portable transmitter is capable of up to 2.5 watts of RF output. Available in a wide range of band models for maximum flexibility, the RPT 2 can operate for up to 3 hours on its internal battery pack.



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:**
2.5 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:
±.00025%

Spurious Emission:
More than 47 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:
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 11"D

Weight (Unpacked):
7 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.)

Internal Battery:
750 MA nicad

ENVIRONMENTAL

Operating Temperature:
-10° C to +45° C