

RPT 2 300 : 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.

RF SPECIFICATIONS

Frequency Band:

280-340 MHz

Max Power Output:

2.5 W

Frequency Selection:**Max Frequency Separation:**

3 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