

### RPT 2 - Specifications : Technical Specifications

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#### AVAILABLE OPERATING FREQUENCIES

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**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

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**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

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**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

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**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 11"D

**Weight (Unpacked):**

7 lbs

### ELECTRICAL

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**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

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**Operating Temperature:**

-10° C to +45° C

### ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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