



RPT-2 PORTABLE TRANSMITTER

- 2.5 Watts continuous output.
- Subaudible encoder.
- Unit is capable of one or two frequency operation as standard.
- Internal battery is standard equipment. Battery provides 2.5 - 3 hours of continuous operation.
- DC cord standard.
- Rubber ducky antenna.

RPT-2 Specifications

Frequency Range and Continuous Duty Maximum Power Output 50 ohms (±10%):

140-180 MHz 2.5 Watts; 200-260 MHz 2.5 Watts; 280-340 MHz 2.5 Watts; 400-480 MHz 2.5 Watts.

Frequency Selection:

Maximum frequency separation @ 140-180 MHz 1 MHz; 200-260 MHz 2 MHz; 280-340 MHz 3 MHz; 400-480 MHz 5 MHz. Also selects FM Deviation.

Front Panel Controls:

Mic gain, aux gain, meter switch encode on/off switch control switch, F1/F2 switch.

Metering:

Panel meter indicates audio compression, RF output, power supply DC.

Modulation Control:

Broadcast quality compressor limiter built in. See system specifications at bottom of page 23.

Audio Inputs:

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

Audio Input Level:

Microphone input level can be from -68dB to -35dB. High level can be from 0 to +10dBm 8-600 ohms.

Audio Connectors:

Input 1 (XLR-3), input 2 miniature phone jack.

Encoding:

Sub-audible tone (27 Hz) encoder built in.

Accessory Connector:

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

RF Output Impedance:

50 ohms.

RF Connector:

SO-239 UHF female.

Frequency Stability:

-10°C to +45°C ±.00025%.

Operating Temp. Range:

-10°C to +45°C.

Spurious Emission:

More than 47dB below carrier.

Power Requirements:

110-125 V, 50-60 Hz. 13.5 VDC (neg. gnd.). 750 MA internal nicad battery and charger. 220, 230, 240 VAC available on request. Different voltages are transformer specific.

Dimensions:

3.75" H x 8.75" W x 11" D.

Boxed Dimensions:

9" H x 13" W x 17" D.

Weight:

Net 7 lbs. Shipping 10 lbs.

FCC ID:

BEN9EZRPT2-150, BEN9EZRPT2-450.

RPT-15 PORTABLE TRANSMITTER



RPT-15 Specifications

Frequency Range:

140-180 MHz 15 Watts; 200-260 MHz 15 Watts; 280-340 MHz 15 Watts; 400-480 MHz 15 Watts.

Frequency Selection:

Maximum frequency separation @ 140-180 MHz 1MHz; 200-260 MHz 2 MHz; 280-340 MHz 3 MHz; 400-480 MHz 5 MHz. Also selects FM Deviation.

Front Panel Controls:

Mic gain, aux gain, meter switch encode on/off switch control switch, F1/F2 switch.

Metering:

Panel meter indicates audio compression, RF output, power supply DC.

Modulation Control:

Broadcast quality compressor limiter built in. See system specifications at bottom of page 23.

Audio Inputs:

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

Audio Input Level:

Microphone input level can be from -68dB to -35dB. High level can be from 0 to +10dBm 8-600 ohms.

Subaudible Tone Decoder:

Provides relay closure upon receipt of 27 Hz tone.

Audio Connectors:

Input 1 (XLR-3), Input 2 miniature phone jack.

Encoding:

Sub-audible tone (27 Hz) encoder built in.

Accessory Connector:

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

RF Input Impedance:

50 ohms.

RF Connector:

SO-239 UHF female.

Frequency Stability:

-10°C to +45°C ±.00025%.

Operating Temp. Range:

-10°C to +45°C.

Spurious Emission:

More than 55dB below carrier.

Power Requirements:

110-125 V, 50-60 Hz. 13.5 VDC (neg. gnd.). 3 amps. External nicad battery and charger. 220, 230, 240 VAC available on request. Different voltages are transformer specific.

Dimensions:

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

Boxed Dimensions:

9" H x 13" W x 17" D.

Weight:

Net 10 lbs. Shipping 13 lbs.

FCC ID:

BEN9EZRPT15-150, BEN9EZRPT15-450.

RPT-2/RPT-15 ACCESSORIES

Optional items available for use with the RPU portable transmitter.

- Internal replacement or spare battery for RPT-2 (part #040-001-1).
- External soft side battery pack and charger for RPT-15 (part #040-009A).

