

Jotron TR-810 VHF/AM Transceiver - Jotron



Manufacturer: Jotron

Model: TR-810

Description: • Frequency Range: 118 - 137 MHz • Channel Separation: 25 kHz / 8.33 kHz (selectable) • Frequency Selection: 25 / 8.33 kHz steps • Preset Channels: 63 channels • Type of Modulation: AM (A3E) • Frequency Stability: ± 1.0 ppm • Supply Voltage (DC): 12 - 28 VDC negative ground $\pm 10\%$ • Power Consumption: < 60 W (at 10W output power, 80% modulation) • Display Type: OLED display • Weight: 1.95 kg • Dimensions: 184 mm (W) * 241 mm (D) * 72.8 mm (H) Transmitter Section (TX) • Output Power: 10W ± 1 dB, adjustable (40W PEP) and AM modulation up to 90% • Keying & Timing: Keying time < 20 msec, release time < 10 msec • Performance: VSWR tolerance up to 1 : infinity (automatic reduction at $\sim 3:1$), LF compression (VOGAD) 30 dB, distortion $< 5\%$, and hum/noise level better than 40 dB below at 90% modulation • Duty Cycle: 30% continuous operation at ambient temperatures below 55°C Receiver Section (RX) • Sensitivity & Ratio: Sensitivity < 1.00 μ V (1 kHz), signal/noise ratio > 45 dB, and dynamic range > 90 dB • Audio & Outputs: Audio response covers 300-3400 Hz (25 kHz) and 300-2500 Hz (8.33 kHz). Built-in speaker output > 4 W, headphone output > 100 mW, and monitor output -7 dBm • Connector: 50 Ω BNC antenna connector Environmental & Standards • Temperature & Humidity: Operating temperature -20°C to +55°C,

storage -40°C to +70°C, and humidity 90% @ +40°C • Durability & Approvals: MTBF > 10 years/unit. Complies with EN 300 676 (Radio), EMC standards (EN 301 489 series, IEC 60945), FCC Part 87/RSS 141, safety (EN/IEC 60950), and vibration/shock specifications

Condition: Used

Stock: 2

External ID: 4125906

Internal ID: 12723

Category: Instrumentation

Subcategory: Transmitter

Dimension (L x B x H) [m]: 0,40x0,31x0,8

Weight [kg]: 2

URL:

<https://www.modernamericanrecyclingservices.com/equipment/jotron-tr-810-vhfam-transceiver-4125906/>

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