

RACK MOUNT

micomRM125



125-Watt HF-SSB BASE STATION

*From any distance, it keeps the
mission under control*

RACK MOUNT



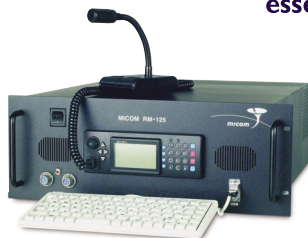
micomRM125

125-Watt HF-SSB TRANSCEIVER 1.6-30 MHz

The micomRM125 is specifically designed to provide very long-range radio communications for fixed or mobile base-stations. Complete with a 125 W amplifier in a 19" rack mount configuration, the micomRM125 features a detachable control head, extension cable, auto-sensing 110/220 VAC power supply, cooling fans and a multiple accessory interface junction box.

Meeting the world's strictest standards for radio equipment communication dependability, including MIL-STD-810, ALE per MIL-STD-188-141B and FED-STD-1045, the micomRM125 is the ideal solution for organizations whose operations require very reliable long-range radio communications for mission command and control.

The micomRM125 provides users with essential benefits and features



Specifications:

Model: M91AMN0KV5K & G638

Frequency range: 1.6-30 MHz

Number of channels: 200

Transmission: 125 W PEP average

Reception: 100 KHz-30 MHz Rx

Operating voltage: AC 110-220 V 47-65 Hz

DC 13.8 \pm 20%

Audio bandwidth: 350 to 2700 Hz

Data: 300 to 3000 Hz

Frequency stability: 0.6 PPM (0.1 PPM optional)

Frequency resolution: 10 Hz

Operating temperature range:

-30°C to +60°C / -22°F to +140°F

Humidity: 95% @ 50°C / 122°F

Sensitivity (SINAD):

SSB: 0.3 μ V for 10 dB SINAD

Dimensions:

Height: 200 mm / 8 inch

Width: 485 mm / 19 inch

Depth: 510 mm / 20 inch

Weight: 16 Kg / 35.5 Lbs

Options:

USB com port for external keyboard

PC control and programming package

PPS interface (internal/external pre-post selector)

Interface for secure voice device VP116

2 wire remote control panel

Establishing a radio link is always fast and simple

- Automatic Link Establishment per MIL-STD-1045 & MIL-STD-188-141 standards.
- ISB ready (Independent Side Band).
- Full interoperability with other manufacturers' radios complying with the same ALE standards.

Voice that's loud & clear

- Built-in voice quality system utilizes proprietary algorithms to filter out background noises, giving users exceptional communication clarity.
- Selectable bandwidth allows fine tuning for optimal voice and data communications.
- Voice-activated digital squelch.

User-friendliness

- New control head features a large LCD, full-dot matrix digital display and an enhanced keyboard for programming and set-up.
- Radio operation can be executed using any standard USB keyboard.
- Multiple language display available.
- Transceiver can be controlled using PC and programming application.
- Remote control configuration allows the transceiver to be operated from a remote location using optional 2 wire remote control head.

Major accessories:

- Phone patch • Antenna system • ATUs • Pre post selector (PPS)
- HF modems • micomLink • Antennas and grounding kit • Secure voice and data

Years of trouble-free, most advanced communications

- Upgrading to future technologies is easily done by installing new software into the transceiver's DSP unit.
- Easily replaceable digital components ensure cost-effective maintenance.
- Very high MTBF, as with all Micom radios.
- Unique Built-In self Test system provides exceptional dependability.

Comprehensive communication and networking services

- Office-quality communication services integrating fax, e-mail and data transmission and reception.
- **MultiNet** enabling integration of different HF radio networks into one seamless network, allowing excellent coordination between different operational nets.
- AMD (Automatic Message Display) for free and pre-set text messages.

A proven family of radio products

- The micomRM125 is member of the Micom transceiver family—fixed and mobile stations covering the long-range wireless communication needs of thousands of organizations worldwide.

Mobat USA

554 Eagle Point Lane

Pell City, AL 35128

United States of America

Tel: 205-338-9888 • Fax: 888-822-2891

e-mail: reidpk@mobatusa.com • web site: www.mobat.com