

125-Watt HF-SSB TRANSCEIVER 1.6-30 MHz

The mobatMicom3T HF radio transceiver provides the highest level of reliability for long-range wireless communications of voice, fax, e-mail and data. The micom3T radio is primarily used as a mobile unit, with its trunk-mount configuration maximizing operation convenience while saving valuable cabin space.

With the most advanced technology and the latest features, the micom3T provides superb radio communication dependability and functionality and is priced to meet the needs of a wide range of organizations. An upgraded version of the Micom2ET model—successfully used by thousands of organizations worldwide—the micom3T complies with the world's strictest standards for radio communication equipment, including MIL-STD-810, ALE per MIL-STD-188-141B and FED-STD-1045.



The micom3T provides users with essential benefits and features



188-141B
810



ABZ9QCC1634
ABZ9QCC1635
15,80,90

Establishing a radio link is always fast and simple

- Automatic Link Establishment per MIL-STD-1045 & MIL-STD-188-141B 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 also be performed using a PC and a programming application as well as a USB keyboard.
- Multiple language display available.
- Remote control allows the transceiver to be operated from a distance of up to 100 feet using the extended Control configuration.

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.
- GPS embedded application (optional).
- Multiport and additional front panel communication ports.
- Secure voice and data.

A proven family of radio products

- The micom3T is member of the Micom transceiver family—fixed and mobile stations—covering the long-range wireless communication needs of thousands of organizations world-wide.

Major accessories:

- Automatic telephone interconnect
- FM to HF repeater
- ATUs
- Antenna systems
- HF modems
- Secure voice and data
- AC power supply

Specifications:

Model: M91AMNOKV5-K

Frequency range: 1.6-30 MHz

Number of channels: 200

Transmission: 125 Watt PEP average

Reception: 100 KHz-30 MHz Rx

Operating voltage: 13.8 V ±20%

24 V operation (optional)

Audio bandwidth: 350 to 2700 Hz

Data: 300 to 3300 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 µV for 10 dB SINAD

Dimensions: Control head

Height: 92 mm / 3.7 inch 60 / 2.36

Width: 302 mm / 11.9 inch 187 / 7.36

Depth: 285 mm / 11.3 inch 70 / 2.75

Weight: 5.8 Kg / 12.8 Lbs 0.32 / 0.71

Options:

PC control and programming software package

USB for external keyboard

micomLink interface

ALE DTM/DBM

Interface for secure voice device VP116