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micom3Trooper

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The micom3Trooper HF-SSB transceiver provides reliable long-range radio communications in a rugged, durable yet lightweight backpack configuration. Designed to meet the needs of users who carry out field operations in remote areas, it is built to withstand severe shock and vibration as well as extreme weather conditions.

The portable micom3Trooper is equipped with a military-type handset and connectors, delivering superior qualities and performance in a cost-effective radio priced to fit the needs of a wide range of organizations. Certified for dependability and durability, the micom3Trooper complies with US MIL-STD 810E/F and ALE per MIL-STD-188-141B standards.



The micom3Trooper provides users with essential benefits and features



188-141
810F



ABZ9QCC1635
15,80,90



Specifications:

Model: M95AMN0KV5 K & G860 option

Frequency range: 1.6–30 MHz

ALE per MIL-STD-188-141B JITC Certified

Multinet operation (for ALE)

No. of preset channels: 200 Simplex or Half duplex

Built-in Automatic antenna tuner

Transmission: 5, 10, 20, 50 Watt

Reception: 100 KHz–30 MHz Rx

Operating voltage: 12 V nominal

Audio bandwidth: 350 to 2700 Hz

Frequency stability: 0.6 PPM

Frequency resolution: 10 Hz

Operating temperature range:

-30°C to +60°C / -22°F to +140°F

Sensitivity (SINAD):

SSB: 0.5 μ V for 10 dB SINAD

Dimensions:

Height: 450 mm / 17.7 inch

Width: 330 mm / 13 inch

Depth: 130 mm / 5.1 inch

Weight: 7.1 Kg / 16 Lbs

Options:

PC Control and programming kit

Internal GPS receiver

Internal Vocoder voice enhancement

Digital AES Vocoder Encryption

Internal 4800bps high-speed modem

Digital AES Modem Encryption

Internal Vocoder & Modem and Encryption

Establishing a radio link is always fast and simple

- **Automatic Link Establishment (A.L.E) per US-MIL-STD-188-141B standards.**
- Full interoperability with other manufacturers' radios complying with the same ALE standards. **J.I.T.C certified.**

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 communications.
- Unmatched combination of high power (50 W) and high sensitivity (0.5 μ V) for outstanding communication coverage.
- Voice-activated digital squelch.

User-friendliness

- Large digital front panel display and keyboard for programming and set-up.
- Multiple language display available.

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

- **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.

A proven family of radio products

- The micom3Trooper is member of the Micom transceiver family—fixed and mobile stations—covering the long-range wireless communication needs of thousands of organizations worldwide.

Major accessories:

- Secure voice-Vocoder, Encryption
- AC battery charger
- Hand-Crank Generator
- Flexible steel blade antenna
- Collapsible whip antenna
- Fast deployment wideband antenna
- Tactical long wire antenna
- Fold up solar panel charger
- Internal GPS
- Spare 12A/H Li-Ion battery

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5-50 Watt HF-SSB TRANSCEIVER

*Reliable radio communications
for the most demanding
on-foot operations*