

Specification Sheet

micomTrooper

2RS-Backpack 5-50 Watt HF-SSB Transceiver



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

The portable micomTrooper is equipped with a military-type handset and connectors, delivering superb qualities in a radio priced to fit the needs of a wide range of organizations. Certified for dependability and durability, the micomTrooper complies with US MIL-STD-810F and ALE per MIL-STD-141 standards.



BENEFITS AND FEATURES

ESTABLISHING A RADIO LINK IS ALWAYS FAST AND SIMPLE

- **Automatic Link Establishment per MIL-STD-1045 & MIL-STD-188-141 standards.**
- 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 communications clarity.
- Selectable bandwidth allows fine tuning for optimal voice and data communications.
- Exceptional 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 help 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 micomTrooper is a 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:

- Secure voice
- AC battery charger
- External GPS
- Spare 12A/H Li-ion battery

SPECIFICATIONS

Frequency Range	1.6-30 MHz
Number of Preset Channels	200
Transmission	5, 10, 20, 50 W
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 µV for 10 dB SINAD
Dimensions	
Height	450 mm / 17.7 inches
Width	330 mm / 13 inches
Depth	130 mm / 5.1 inches
Weight	7.1 Kg / 16 lbs

OPTIONS

RS232 remote control interface

RSS for PC (radio and ALE)

Multinet operation (for ALE)



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