

Specification Sheet

micomCarryOn

2TS-RDP 125 Watt HF-SSB Transceiver 1.6-30 MHz

The micomCarryOn is a compact yet powerful long-range radio communication unit that can be easily and elegantly hand-carried from place to place.

Self-contained with an AC power supply, antenna tuner and a long wire antenna or tactical broadband antenna, the micomCarryOn radio transceiver allows workers of international organizations maximum mobility, helping to ensure that no matter how remote their location, or upon which continent, they're always connected and in control. Certified for dependability and durability, the micomCarryOn 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.



BENEFITS AND FEATURES

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 communications clarity.
- Selectable bandwidth allows fine tuning for optimal voice and data communications.
- Voice-activated digital squelch.

USER-FRIENDLINESS

- Large digital front panel display and keyboard for programming and set-up.
- Multiple language display available.
- Detachable control panel allowing flexible operation in the field.

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

- Office-quality communications 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 units (optional).
- AMD (Automatic Message Display) for free and pre-set text messages.
- **GPS** embedded application (optional).

A PROVEN FAMILY OF RADIO PRODUCTS

- The micomCarryOnr 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:

- Phone patch
- Automatic telephone interconnect
- Secure voice (internal/external)
- VP116
- micomTel
- micomLink

SPECIFICATIONS

| | |
|------------------------------------|---|
| Model | M81AMN0KV5-K & G580 or G581 |
| Frequency Range | 1.6-30 MHz |
| Number of Channels | 200 |
| Transmission | 125 Watt PEP average |
| Reception | 100 kHz-30 MHz Rx |
| Operating Voltage | AC: 110-220 V 47-65 Hz DC: 13.8 ±20% |
| Bandwidth | |
| Audio | 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 | |
| Height | 341 mm / 13.5 inches |
| Width | 507 mm / 20 inches |
| Depth | 209 mm / 8.3 inches |
| Weight | 20 Kg / 44 lbs |

OPTIONS

Phone patch interface

Data/fax interface

Multinet (for ALE)

micomLink interface

RSS & ALE programming



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