



125-Watt HF-SSB TRANSCEIVER 1.6-30 MHz

The micom3CarryOn 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 broad-band antenna, the Micom3CarryOn radio transceiver allows workers of international organizations maximum mobility, ensuring that no matter how remote their location, or upon which continent, they're always connected and in control. Certified for dependability and durability, the micom3CarryOn 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 micom3CarryOn 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-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

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

A proven family of radio products

- The micom3CarryOn 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:

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

Specifications:

Model: M91AMNOKV5-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 110-220V 47-65 Hz

DC 13.8 ±20%

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:

Height: 341 mm / 13.5 inch

Width: 507 mm / 20 inch

Depth: 209 mm / 8.3 inch

Weight: 20 Kg / 44 Lbs

Options:

Phone patch interface

Data/fax interface

Multinet (for ALE)

micomLink interface

RSS & ALE programming

Mobat USA

554 Eagle Point Lane

Pell City, AL 35128

United States of America

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3 T S - R D P

micom3CarryOn



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*Rapid deployment package
for world-wide
communication mobility*