

3TS-RDP Micom3 CarryOn

125-Watt HF-SSB Transceiver 1.6 - 30 MHz



Rapid deployment package for world-wide communication mobility

The Micom3 CarryOn 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 Micom3 CarryOn 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 Micom3 CarryOn 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.



Micom3 CarryOn

125-Watt HF-SSB Transceiver

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 is 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 Micom3 CarryOn 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:	M91AMN0KV5-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%
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 µ V 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