

A Rapid Deployment Package

MicomZ -RDP-CarryOn



Rapid deployment package for world-wide communication mobility

The MicomZ CarryOn - RDP 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, with charger up to 30amp including inside 2 Batteries in 12vcc/14amp sufficient to used for emergency without AC power including a broadband road band antenna, the Micom Z 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 MicomZ CarryOn complies with the world's strictest standards for radio communication equipment, including MIL-STD-810, ALE per MILSTD-188-141B and FED-STD-1045.



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125-Watt HF-SSB Transceiver

Establishing a radio link is always fast and simple

- ▶ Automatic Link Establishment per MIL-STD-188-141B standards
- ▶ 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
- ▶ Used with as a remote control with his software RSS.

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 costeffective 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 MicomZ 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 II

Specifications:

Model:	D71AMN0KV5-K & CSRDP-MZ
Frequency range:	1.6–30 MHz
Number of channels:	200
Transmission:	125 Watt PEP average 100
Reception:	KHz–30 MHz Rx AC 110–
Operating voltage:	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:	21.20" x 16.00" x 10.60" (53.8 x 40.6 x 26.9 cm)
Batteries Back up:	12 v/ 28 Amp

Options@ the order

- Micom Link II Ref: CS-Micom Link II
- Internal GPS Ref: CS-GPSMZ
- Antenna Broadband Ref: CS-1530/F-M
- Carrying Case Color (GReen or BLack) Ref:CS-COLxx