

Codan 2110M-B125 Military Base Radio

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The 2110M-B125 is a compact 125 watt base station system utilising the 2110M manpack radio and the 3160 125 watt power amplifier. Coupled with Codan's 3520 power supply, the system is operational from DC and AC mains supplies, auto switching to DC with loss of AC.

JERK AND RUN CAPABILITIES

The 2110M cradle allows quick release "Jerk-&-Run" capability. With the internal GPS and auto-switching antenna, the 2110M provides continuous operation without operator intervention whilst transitioning from a 125 watt system to a 25 watt manpack.

COMPACT DESIGN

The 2110M-B125 base offers a compact 125 watt system utilising Codan's offering of antenna solutions, providing a tactical system supporting both encrypted voice and data.

- ✓ 1.6 to 30MHz
- ✓ Encrypted voice & data options
- ✓ Frequency hopping
- ✓ 125 W output power (100 W option)
- ✓ Supports C4i, Telephony and V/UHF Cross Patch systems
- ✓ AC and DC operation — auto switching
- ✓ MIL-STD-810F environmental

SPECIFICATIONS

Frequency range	Transmit:	1.6 to 30 MHz
	Receive:	250 kHz to 30 MHz
	Steps:	100 Hz
Power output	125 W (100 W option) PEP reducing with frequency to 95 W PEP at 30 MHz \pm 1 dB CW or single tone: approximately 60% of PEP with average PEP control	

Supply voltage	100 to 240 VAC ±10% (50/60 Hz) or 13.6 V DC nominal, negative earth	
Temperature	-40 to 70°C	
Environment (MIL-STD-810F)	2110M & 3160: Immersion, Low Pressure, Rain, Humidity, Fungus, Salt Fog, Sand & Dust, Vibration, Shock	
Size (Transceiver in Cradle)	Manpack, Cradle & Rear Panel:	280 mm W x 320 mm D x 110 mm H
	Power Amplifier & Mounting Plate:	285 mm W x 172 mm D x 77 mm H
	Power Amplifier with Fan & Mounting Plate:	285 mm W x 172 mm D x 105 mm H
	3520 Power Supply and cradle:	280 mm W x 300 mm D x 110mm H
Weight	Manpack (2110M)	2.9 kg
	Cradle & Rear Panel	1.7 kg
	Power Amplifier	2.4 kg
	Fan	0.24 kg
	PA, fan and mounting plate	2.64 kg
	3520	0.24 kg
System	2110M Cradle	15-00139-002
	2110 Adaptor Panel	08-06822-001
	3160 Power Amplifier	08-06804-002
	Fan Kit	08-06900-002
	3160 Mounting Bracket	15-60016
	3520 Power Supply	08-07050-002
Cables	3160 Control / Power Cable	08-07034-002
	Coaxial BNC-BNC cable 0.7 m	08-06809-002
	3160 Installation kit	15-00146
	3520 AC mains cable	
	3520 DC 12 V Battery backup cable	

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