

# Codan 2110M Military Mobile Package

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The Codan 2110M-V125 is a compact 125 watt system utilising the 2110M manpack radio and the 3160 125-watt power amplifier. Coupled with one of Codan's automatic tuners, the 2110M-V125 system provides a comprehensive solution for any tactical mobile deployment supporting both encrypted voice and data.

### 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 250 watt manpack.

- ✓ 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
- ✓ Multiple platform support
- ✓ 100% duty cycle for voice and data
- ✓ MIL-STD-810F environmental

### COMPACT DESIGN

The 2110M and 3160 exceed the requirements of MIL-STD-810F, able to withstand the vibration and shock of wheeled vehicle installations, requiring shock mounts only for other mobile installations.

### 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	13.6 V DC nominal, negative earth	
Over voltage	Shuts down at 16 V DC nominal for duration of over voltage	

protection		
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
	Manpack, cradle, rear panel & Shock Mount:	285 mm W x 172 mm D x 77 mm H
	Power Amplifier & Shock Mount:	320 mm W x 230 mm D x 115 mm H
	Power Amplifier with Fan & Shock Mount:	320 mm W x 230 mm D x 145 mm H
	3041 Tuner & Shock Mount:	220 mm W x 360 mm D x 200 mm H
	Weight	Manpack (2110M)
	Cradle & Rear Panel	1.7 kg
	Power Amplifier	2.4 kg
	Fan	0.24 kg
	Power Amplifier Shock Mount	2.3 kg
	3041	3.6 kg
System	2110M Cradle	15-00139-002
	2110 Adaptor Panel	08-06811-001
	Cradle Shock Mount	15-60010
	3160 Power Amplifier	08-06801-002
	Fan Kit	08-06900-002
	3160 Shock Mount	15-60015
	3041	08-06717-001
	3041 Shock Mount	15-60011

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