

CP340

Stay Focused on Your Business.

SPECIFICATION SHEET



KEY FEATURES

Easy to use and set-up

- Programmable buttons for easy access to frequently used features
- Ruggedised design
- PC programmable

Quality

- MIL Spec 810F compliant
- Meets IP54 environmental standards
- Passed unique Motorola Accelerated Life Test which simulates five years hard use in the field
- X-Pand™ voice compression technology

Efficiency

- Channel scanning
- Select 5 signalling
- High/low power option for battery management
- CTCSS signalling (PL)

Included as standard

- NiMH Battery
- Belt clip
- Charger
- Aerial

Accessory options

A wide range of accessories are available to customise your radio.

- Audio accessories
- Batteries and chargers
- Carry options



The CP340, the new radios in Motorola's Commercial Series, offers simple and effective communications to keep you focused on your business. Designed with small and medium sized businesses in mind, the CP340 keeps your team members in touch with minimal training and no distractions from complicated features.

With a wide range of accessories and mobile radios also available within the Commercial Series; it's easy to build a tailored communications solution to meet your needs.

SPECIFICATION

MODEL NUMBER	Signalling	Channels	Frequency	Power
MDH65KDC9AN2AN	Select 5 / PL	16	146-174MHz	1-5W

GENERAL	VHF
Frequency	146 - 174 MHz
Channel Capacity	16 Channels
Power Supply	7.5 Volts \pm 20%
Dimensions (H x W x D)	130 x 62 x 48mm (with NiMH Battery)
Weight	452g (with NiMH Battery)
Average Battery Life at Room Temperature (5:5:90 duty cycle)	1 W 13 Hrs
Standard Capacity NiMH Battery	5 W 10 Hrs

RECEIVER	VHF (12.5 KHZ 20/25 KHZ)
Sensitivity (12 dB EIA SINAD)	0.25 μ V (Typical)
Adjacent Channel Selectivity	-60 dB -70 dB
Intermodulation	-70 dB
Frequency Stability (-30°C to +60°C)	0.00025%
Spurious Rejection	-70 dB
Audio Output @ < 5% Distortion	500 mW

TRANSMITTER	VHF
RF Output: NiMH @ 7.5V	Low 1W High 5W
Channel Spacing	12.5/20/25 kHz
Frequency Stability (-30°C to +60°C)	0.00025%
Audio Response (from 6 dB/oct. Pre-emphasis, 300 to 3000 Hz)	+1, -3 dB
Audio Distortion @ 1000 Hz, 60% Rated Max. Dev.	<3%
FM Noise	-40 dB (12.5 kHz) -45 dB (25 kHz)

MIL STANDARD 810F APPLICABLE MIL-STD	METHODS	PROCEDURES
Low Pressure	500.4	1
High Temperature	501.4	1,2
Low Temperature	502.4	1,2
Temperature Shock	503.4	1
Solar Radiation	505.4	1
Rain	506.4	1
Humidity	507.4	3
Salt Fog	509.4	1
Dust	510.4	1
Vibration	514.5	1
Shock	516.5	1

ENVIRONMENTAL STANDARDS & SPECIFICATIONS	
Operating Temperature	-30 to +60 °C
Storage Temperature	-40 to +85 °C
Thermal Shock	-40 to +80 °C
Dust & Water Intrusion	IP54

Specifications are subject to change without notice and are issued for guidance only.

Radios meet all applicable regulatory requirements: R&TTE Directive 1999/5/EC

Applicable Standards EN300 086-2, EN301 489-01, EN301 489-05, EN60950

ISO 9001 Standard – Compliance with ISO 9001, an international quality system assurance on design, development, production, installation and servicing of a product.



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