



COMMERCIAL

5W UHF CB RADIO WITH PROGRAMMABLE CHANNELS CP30

The GME Commercial CP30 portable radio is designed, engineered and manufactured in Australia and is ideal for users who require the ultimate in handheld UHF communications.

The CP30 provides outstanding and long-lasting performance in harsh and demanding commercial environments. Featuring 5-Watt transmission power, 19 hour standard talk time, channel selection with voice announcement and up to 1.5 Watts of loud and clear audio with an option for an additional audio boost when using a connected accessory.

Packed with a range of easy-to-use UHF CB features and functions including Scansuite™ digital scanning, the CP30 is supplied pre-enabled with 80 UHF CB / PRS channels and can also support up to 119 (user-enabled) receive only channels.

In addition, the CP30 can also support a range of customisable commercial features including up to 119 (dealer programmable) private channels and dedicated emergency alerting. Commercial features can be enabled via your GME Authorised Commercial dealer.

KEY FEATURES

80 Pre-Enabled UHF CB / PRS Channels

119 Private or Receive Only Channels

450-520 MHz (Transmit)

403-520 MHz (Receive Only)

5 Watt Transmission Power

Voice Channel Announcement

1.5W Audio Output (Internal)

750mW Audio Output Aux Port (External)

IP67 Ingress Protection

MIL-STD-810G

Dedicated Emergency Button

5 Tone SelCall



5 YEAR
WARRANTY



Specifications

GENERAL

Frequency Range:	450-520 MHz (Transmit) 403-520 MHz (Receive Only)
Number of Channels:	199 (80 UHF CB / PRS)
Channel Bandwidth:	12.5 kHz
Emission:	8K50F3E
Antenna Impedance:	50 Ohms
Input Impedance (Mic):	2.2k Ohms
Output Impedance (Audio):	8 Ohms
Supply Voltage:	7.4V DC
Battery Type:	Li-ion
Battery Capacity:	2600mAh
Current Drain (Approx.):	Standby: 0.1A, TX 5W: 1.7A

TRANSMITTER

RF Output:	5W / 1W
Frequency Stability:	± 2.5 ppm
Modulation:	FM
Spurious Emission:	-34dBm
Maximum Deviation:	± 2.5 kHz (NB) / ± 5 kHz (WB)
Audio Harmonic Distortion:	0.4% @ 1kHz/ 1.5k Deviation
Adjacent Channel Power:	-67dBm
FM Hum and Noise (with CCITT Filter):	-50.8dB
Residual Modulations (with CCITT Filter):	-49.7dB

RECEIVER

Sensitivity:	12dB SINAD: -120dBm
Intermediate Frequencies:	38.85 MHz 450k
Spurious Response:	71dB
Adjacent Channel Selectivity:	61dB
Power Output:	1.5W (Internal) 750mW (External) Aux Port
Audio Signal to Noise:	34dB (SINAD)
Audio Hum and Noise (with CCITT):	-44dB
Receiver Frequency Response:	Meets AS/ NZS 4295
Hum and Noise (without CCITT Filter):	-38dB

MILITARY SPECIFICATION MIL-STD-810G

Standard	Method	Procedure
High Temperature	501.5	i, ii
Low Temperature	502.5	i, ii
Temperature Shock	503.5	i
Rain Blowing/Drip	506.5	i, iii
Humidity	507.5	
Salt Fog	509.5	
Dust Blowing	510.5	i
Immersion	512.5	i
Vibration	514.6	i
Shock	516.6	i, iv

MECHANICAL AND ENVIRONMENTAL

Dimensions:	128mm (H) x 59mm (W) x 42mm (D) (not including antenna)
Weight:	337 grams (with battery & antenna)
Operating Temperature Range:	-20°C to +60°C
Ingress Protection:	IP67 (Dust Tight and Waterproof)
Accessory Connector:	Dual Jack

Accessories

ANTENNA

AE4028:	450-520 MHz Wideband Antenna to suit CP Series
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BATTERY

BP028:	2600mAh Li-ion Battery to suit CP Series
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BELT CLIP & CASES

MB058:	Belt Clip to suit CP Series
CC28:	Nylon Case to suit CP Series
LC009:	Heavy Duty Leather Case to suit CP Series

POWER SUPPLY

BCD022:	240V Single Unit Desktop Charger to suit CP Series
BCD023:	240V Dual Unit Desktop Charger to suit CP Series
PS005:	AC Adaptor for BCD022 & BCD023
BCV012:	Car Kit Charger to suit CP Series with 12 Volt Adaptor

SPEAKER MICROPHONES

MC012:	Light Weight IP67 RSM to suit CP Series
MC050:	Heavy Duty IP67 RSM to suit CP Series
HS016:	G-Hook in Ear Microphone to suit CP Series

PROGRAMMING CABLE (Dealer Only)

LS009:	USB Programming Lead to suit CP Series
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