



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 commercial customers who demand the ultimate in handheld UHF communications.

Featuring 5-Watt transmission power, up to 1.5 Watt loud and clear audio, channel selection with voice announcement, IP67 ingress protection and a MIL-STD-810G rating, the CP30 provides outstanding and long-lasting performance in harsh commercial environments.

Backed with an industry leading 5 Year Warranty and packed with a range of UHF CB / PRS features 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)
- 10 Zones
- 5 Watt Transmission Power
- 1.5W Audio Output (Internal)
- 750mW Audio Output Aux Port (External)
- Voice Channel Announcement
- 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)
Number of Zones:	10
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:	2600 mAh
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

## BATTERY

BP028: 2600 mAh Li-Ion Battery to suit CP Series

## 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

BCM002: 6-Bay Multi Charger to suit CP Series

BCV012: Car Kit Charger to suit CP Series with 12 Volt Adaptor

## SPEAKER MICROPHONES

MC012: IP67 Remote Speaker Microphone 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



**GME** COMMERCIAL

gmecommercial.com.au

GME Pty Ltd.



**5 YEAR**  
WARRANTY