ICOM

IC-400PRO

Rugged
MIL-STD 810

NO LICENCE REQUIRED FOR CB CHANNELS

Fully Featured with Class Leading Performance

128 Channel Capability

The IC-400PRO comes pre-programmed with the 80 UHF CB simplex and repeater channels. Up to 35 additional channels are available for monitoring frequencies in the 450MHz–500MHz band. Channel data entry is available through the front panel, or via optional PC programming kit.

Commercial Specification

Designed for the most extreme Australian conditions. Die-cast aluminium chassis and heavy-duty heat sink, impact resistant polycarbonate front panel incorporating 4W speaker for crisp clear audio, even in high noise environments. Industrial grade condenser microphone is supplied.

Super Sensitive Private Channels

The IC-400PRO is also compatible and fully approved for use on Licensed Land Mobile Services at 25W within the 450–500MHz band* at 12.5 or 25kHz when re-configured by an Authorised Icom Radio Dealer.

* ACMA Licensed Users only.

Unique Repeater Scan

Our unique repeater scan function finds available repeater stations even while you are travelling. In addition, Group/Priority scan detects tagged channels, while also monitoring your priority channel.

Silent Stand-By

Listen only to your own group !
Up to 51 user selectable CTCSS group codes are available for silent stand-by operation. DTCS is also available with private channels.

Selcall (Selective Calling)

Hear only the calls intended for you and see who called with SelCall !
The IC-400PRO comes with all popular CB and commercial 5-Tone Selcall formats, along with user selectable ID number set up. The last 10 caller ID's are stored for easy recall and up to 28 numbers can be preprogrammed with name tags for easy reference.

Easy-to-use and install

• Smart Ring and Automatic Transponder acknowledges if other Icom CB transceivers received your call or are within range.
• Touch pad controls and rotary volume dial
• Backlit LCD with 8 character alpha display and status icons
• Compact and light with front facing speaker and quality mounting kit for roof or console mounting
• Optional DIN size kit for in-dash installation

MADE IN JAPAN

3 Year Icom Australia Warranty

SPECIFICATIONS

GENERAL

- Frequency coverage :
  - CB channel   476.425–477.400MHz
  - Private channel   450–500MHz
- Number of channels :
  - CB channel   80 channels (Bank 1)
  - Private channel   48 channels (Bank 2–8)
- Channel spacing :
  - CB channel   12.5kHz
  - Private channel   12.5/25kHz
- Frequency stability : ±2.5ppm
- Operating temp. range : −10°C to +60°C
- Power supply voltage : 13.8V DC
- Current drain (approx.) :
  - Tx CB (5W)   4.0A
  -      Private (25W)   7.0A
  - Rx Max. audio   1200mA
  -      Stand-by   300mA
- Antenna impedance : 50Ω (SO-239)
- Weight : 800g

TRANSMITTER

- Output power (at 13.8V DC) :
  - CB channel   5, 1W (selectable)
  - Private channel   25, 5, 1W (selectable)
- Max. freq. deviation : ±5.0/2.5kHz (wide/nar)
- Spurious emissions : −30dBm
- Adjacent Ch. power : −22/−16dBm (wide/nar)
- FM Hum and Noise : 46/40dB typ. (wide/nar)
- Mic. impedance : 600Ω (8-pin modular)

RECEIVER

- Sensitivity : 0.25µV typ. at 12dB SINAD
- Squelch sensitivity : 0.25µV typ. (threshold)
- Adjacent channel selectivity : 73/65dB (wide/nar)
- Spurious response : 75dB
- Intermodulation : 70dB
- Hum and Noise : 45/40dB typ. (wide/nar)
- Audio output power : 4W typ. at 10% distortion with a 4Ω load
- Ext. Speaker connector : 2-conductor 3.5 (d) mm (⅛″)/4Ω

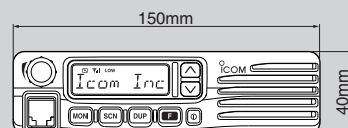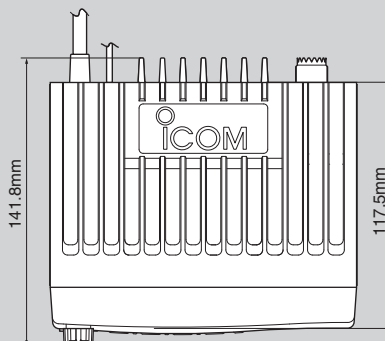### Applicable U.S. Military Specifications

Icom makes rugged products that have been tested to and passed the following MIL-STD requirements and strict environmental standards.

Standard	MIL 810 F	
	Method	Procedure
Low Pressure	500.4	I, II
High Temperature	501.4	I, II
Low Temperature	502.4	I, II
Temperature Shock	503.4	I
Solar Radiation	505.4	I
Rain	506.4	I, III
Humidity	507.4	–
Salt Fog	509.4	–
Dust	510.4	I
Vibration	514.5	I
Shock	516.5	I, IV

Also meets equivalent MIL-STD-810-C, -D and -E.

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DIMENSIONS
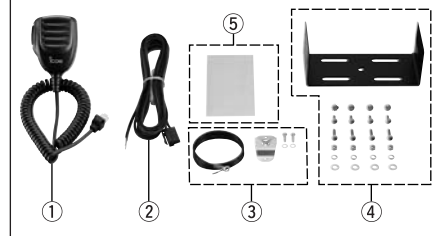
141.8mm
117.5mm
150mm
40mm

Measurements made in accordance with AS4295-1995, AS/NZS 4365-1996 (40 Channel CB) & AS/NZS 4365-2011 (80 Channel CB). All stated specifications are subject to change without notice or obligation. Appropriate License Required for 25W expansion.
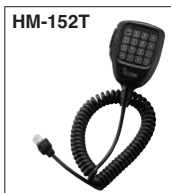
OPTIONS

- **CS-400PRO** CLONING SOFTWARE (Ver. 10) + **OPC-1122** CLONING CABLE
- **HM-152T** DTMF MICROPHONE
- **OPC-617** ACC CABLE
  For external terminal connection.
- **SM-25** DESKTOP MICROPHONE
- **SP-22** EXTERNAL SPEAKER
  Input impedance: 4Ω; Max. input power: 5W

- **UT-108** DTMF DECODER UNIT
  Provides DTMF decode and ANI capabilities.
- **UT-109** VOICE SCRAMBLER UNIT (Ver. 02)
  Up to 32 non-rolling scrambling codes available.
- **UT-110** VOICE SCRAMBLER UNIT (Ver. 02)
  Up to 1020 (255 codes × 4 groups) rolling scrambling codes are available.

HM-152T	OPC-617	SM-25	SP-22	UT-108

SUPPLIED ACCESSORIES

① Hand microphone (HM-152)
② DC power cable
③ Microphone hanger kit
④ Mounting bracket kit
⑤ Key assign stickers