



40+ CHANNEL UHF TRANSCEIVER

IC-400PRO

Fully featured with Class Leading Performance

128 Channel Capability

The IC-400PRO comes pre-programmed with the 40 UHF CB simplex and repeater channels plus up to 88 additional channels are available for monitoring frequencies in 450MHz to 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.

* ACA 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 in 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 Sel-call 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 pre-programmed 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

2 Year Icom Australia Warranty

Icom Inc.

SPECIFICATIONS

GENERAL

- Frequency coverage :
 - CB channel 476.425–477.400MHz
 - Private channel 450–500MHz
- Number of channels :
 - CB channel 40 channels (Bank 1)
 - Private channel 88 channels (Bank 2–8)
- Channel spacing :
 - CB channel 25kHz
 - 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 5W, 1W (selectable)
 - Private channel 25W, 5W, 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)

RECEIVER

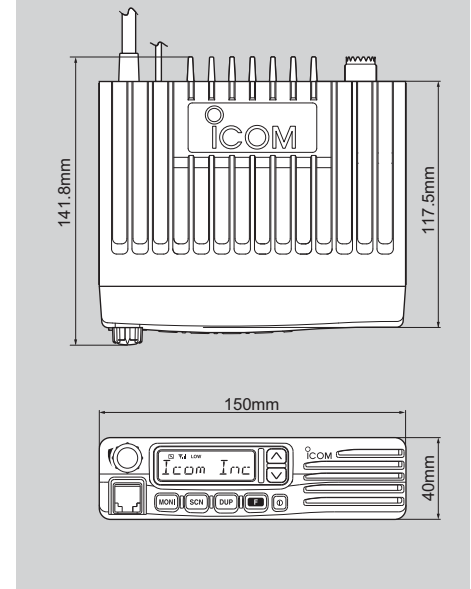
- Mic. impedance : 600Ω (8-pin modular)
- Sensitivity : 0.25μV typ. (at 12dB SINAD)
- Squelch sensitivity : 0.25μV typ. (threshold)
- Adjacent channel selectivity :
 - 73/65dB (wide/nar)
- Spurious response : 75dB
- Intermodulation : 70dB
- Hum and Noise : 45/40dB typ. (wide/nar)
- Audio output power : 4W typ. at 10% distortion with a 4Ω load
- Ext. SP connector : 2-conductor 3.5 (d) mm (1/8")/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 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Proc.	Method	Proc.	Method	Proc.	Method	Proc.
Low Pressure	500.1	I	500.2	I, II	500.3	I, II	500.4	I, II
High Temp.	501.1	I	501.2	I, II	501.3	I, II	501.4	I, II
Low Temp.	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II
Temp. Shock	503.1	I	503.2	I	503.3	I	503.4	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III
Humidity	507.1	I, II	507.2	II, III	507.3	II, III	507.4	–
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	–
Dust	510.1	I	510.2	I	510.3	I	510.4	I
Vibration	514.2	VIII, X	514.3	I	514.4	I	514.5	I
Shock	516.2	I, II, V	516.3	I, IV	516.4	I, IV	516.5	I, IV

DIMENSIONS

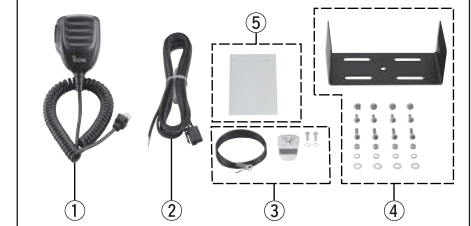


Measurements made in accordance with AS4295-1995 and AS/NZS4365-1996. All stated specifications are subject to change without notice or obligation. Appropriate License Required for 25W expansion.

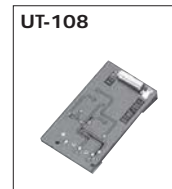
OPTIONS

- **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.

SUPPLIED ACCESSORIES



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



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