



IC-41PRO

80+ Channel UHF CB Transceiver



**5 Year
Warranty**



MADE IN JAPAN

Available Colours



ENHANCED AUDIO OUTPUT POWER

The 1500mW volume audio from Icom custom speaker facilitates loud and clear communication.

5W RF OUTPUT POWER

5 Watts (High) and 1 Watt (Low) Selectable RF Output Power

WATERPROOF AND DUSTPROOF CONSTRUCTION EQUIVALENT TO IP67

The IC-41PRO is completely protected against dust ingress and is also waterproof (one meter depth for 30 minutes). All radios are pressure tested to 12 categories of MIL-STD-810-G environmental test.

80+ CHANNELS

80 Channel UHF CB plus up to 35 Receive only Channels

LONG BATTERY LIFE

A Lithium-ion battery pack (BP-280) included provides 18 hours* of operating time

EASY CHANNEL ROTATION

Allows users to easily change channels

COMPACT SIZE

Light and slim design makes it easy to carry around

*Typical operation Tx:Rx:Stand-by = 5:5:90. Power save function ON

Specifications

General

- Frequency range: 476.4250 MHz to 477.4125 MHz AUS CB
450 MHz to 520 MHz Private/Receive Only
- Number of conventional channels: 128 ch
- Type of emission: W: 16K0F3E (25.0kHz) AUS CB
N: 8K50F3E (12.5kHz) AUS CB
- Antenna impedance: 50 ohms
- Input impedance (MIC): 2.2k ohms
- Output impedance (audio): 8 ohms
- Intermediate frequency: 1st 46.35 MHz, 2nd 450 kHz
- Operating temperature range: -30°C to +60°C
- Power supply voltage: 7.5 V DC
- Current drain (approx.): Receive stand-by 80 mA
Receive max.audio 300 mA (INT SP)
Transmit Hi (5W) 1.7 A AUS CB
- Dimensions: W 52.2 x H 111.8 x D 30.3mm (with BP-280)
- Weight: 270 grams (with BP-280 and MB-133)

Transmitter

- Rated output power: 5 W
- Modulation: Variable reactance frequency modulation
- Maximum permissible deviation: ±2.5 kHz (N)
±5.0 kHz (W)
- Frequency error: ±2.5 ppm
- Spurious emissions: 70 dB min
- Adjacent channel power: 60 dB min 69 dB typ. (N)
70 dB min 74 dB typ. (W)
- Audio harmonic distortion: 1.0% typ. @ AF 1 kHz 40 % Deviation (W)
1.5% typ. @ AF 1 kHz 40 % Deviation (N)
- FM Hum and Noise: 34 dB min 40 dB typ. (N)
(Without CCITT FILTER) 40 dB min 46 dB typ. (W)
- Limiting characteristic of modulator: 60 % ~ 100 % of max. deviation

Receiver

- Sensitivity: 0.25µV typ. @ 12 dB SINAD
- Audio power output: 1.5 W typ. @ 5 % dist. with 8Ω
- Adjacent channel selectivity: 40 dB min 56 dB typ.(N)
70 dB min 73 dB typ.(W)
- Spurious response: 70 dB min
- Intermodulation: 70 dB min 73 dB typ.
- Hum and Noise: 34 dB min 43 dB typ. (N)
(without CCITT Filter) 40 dB min 49 dB typ. (W)
- Squelch sensitivity: 0.25µV typ.



US Military specifications & IP rating

Standard	MIL 810G	
	Method	Procedure
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I
Solar Radiation	505.5	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

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

Ingress Protection Standard	
Dust & Water	IP67 (Dust-tight and waterproof protection)

Options

Battery

- BP-280
- BP-279
- BP-280

Battery Pack	Type	Capacity	Operating Time
BP-278	Li-Ion 7.2V	1130mAh (min) 1190mAh (typ)	10 hours (approx.)
BP-279	Li-Ion 7.2V	1485mAh (min) 1570mAh (typ)	14 hours (approx.)
BP-280	Li-Ion 7.2V	2280mAh (min) 2400mAh (typ)	18 hours (approx.)

*Tx:Rx:standby = 5:5:90 duty cycle. Power save function ON.

Multi-Charger

- BC-214 • BC-157S

Charger Adaptor

- AD-130 – charger adaptor supplied with BC-214

Charger Bracket

- MB-130 – for use with BC-213

Antenna

- FA-SC73US – 470-490MHz(stubby antenna)
- FA-SC72U – 470-520MHz
(for antenna operation above 470MHz)

Cigarette lighter cable & power supply cable

- CP-23L – for use with BC-213
- OPC-656 – for use with BC-214

Speaker Microphone

- HM-158LA – Compact type speaker microphone
- HM-159LA – Full size durable speaker microphone
- HM-168LWP – Waterproof speaker microphone

Earphone Microphones

- HM-153LA – Durable earphone microphone
- HM-166LA – Light-weight earphone microphone

Headsets & PTT Switch Cable

- HS-94LWP – Earphone headset
- HS-95LWP – Behind-the-head headset
- HS-97 – Throat microphone (use with VS-4LA or OPC-2004LA)

- VS-4LA – for manual PTT operation (either VS-4LA or OPC-2004LA is required when using HS-97)
- OPC-2004LA – for VOX operation

Supplied accessories

- Antenna FA-SC72U
- Belt clip MB-133
- Battery charger BC-213
- AC adaptor BC-123SV
- Battery pack BP-280

Other outstanding features

- Smart Ring and Automatic Transponder acknowledges if other Icom CB transceivers received your call or are within range
- Pocket beep function audibly alerts when you receive signals from specified stations.
- Optional HM-168LWP waterproof speaker-microphone available
- Power save function
- Radio stun function
- Low battery indicator and alert tone
- Auto power off function
- Monitor function
- PTT hold function
- Key lock function
- Auto power off
- RX frequency setting**
- Roger beep
- Adjustable squelch level
- Scrambler**

**Must be enabled by dealer or via CS-41PRO software

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www.icom.co.jp/world **Count on us!**

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Your local dealer: