



# IC-410PRO

80+ Channel UHF CB Transceiver



Noise Cancel Microphone



5w/25w Output Power



80+ Channels



CB Commercial



5 Year Warranty

### 1W/ 5W/ 25W OUTPUT POWER

5W output power (CB). Approved for 25W when using licensed private/commercial frequencies within 450-520MHz\*

### 80+ CHANNELS

80 Channel UHF CB\*\* plus up to 35 Private Channels.\*\*\*

### ACTIVE NOISE CANCEL MICROPHONE

This feature allows clear communication by reducing the surrounding noise, especially the unwanted low frequency noise received by the microphone.

### CB/COMMERCIAL USE

The Compact and Rugged construction makes this product ideal for use in Commercial environments.



MADE IN JAPAN

\* ACMA Licensed users only

\*\* 80 Channel UHF CB, 61-63 not present, reserved for future use.

\*\*\* Must be enabled using CS-410PRO software.

# 80+ UHF CB Transceiver

# IC-410PRO

## ■ Specifications

### General

- Frequency range:
  - 476.4250 MHz to 477.4125 MHz CB
  - 450.0000 MHz to 520.0000 MHz LMR
- Number of conventional channels: 128 Ch
- Type of emission
  - N: 8K50F3E (12.5kHz) CB
  - NW: 8K50F3E / 16K0F3E (12.5kHz/25kHz) LMR
- Antenna impedance: 50 ohms nominal
- Operating temperature range: -30 °C to +60 °C
- Power supply voltage: 13.8 V DC nominal
- Operating temperature range: -10°C to +60°C
- Power supply voltage: 13.8 or 27.6 V DC nominal
- Current drain (approx.)
  - Receive stand-by 300 mA
  - Receive max audio 1200 mA
  - Transmit (25W) 7.0 A
  - Transmit (5W) 4.0 A
- Dimensions: W 150 x H 40 x D 117.5 mm
- Weight: 800 grams (approx)

### Transmitter

- Rated output power:
  - 1W/ 5W CB
  - 1W/ 5W/ 25W (LMR)
- Modulation: Variable reactance frequency modulation
- Maximum permissible deviation
  - ±2.5 kHz (Narrow)
  - ±5.0 kHz (Wide)
- Frequency error: ± 2.50 ppm

### Receiver

- Sensitivity: 0.25µV typ. @ 12 dB SINAD
- Audio power output: 4.0 W typ. @ 5 % dist. With 4Ω

## ■ Applicable U.S. Military Specifications

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

Standard	MIL 810F	
	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	510.5	I
Vibration	514.5	I
Shock	516.5	I, IV

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

## ■ Options

### Microphone

- **HM-211** – NOISE CANCELLING MICROPHONE (AS SUPPLIED)
- **HM-152T** – DTMF MICROPHONE
- **SM-26** – DESKTOP MICROPHONE

### Speakers

- **SP-35** – EXTERNAL SPEAKER / 2M CABLE



## ■ Others

- **CS-410PRO** – #01 USER PROGRAMMING SOFTWARE
- **OPC-1122U** – USB CLONING CABLE
- **OPC-1939** – D-SUB 15 PIN
- **OPC-1194A** – CORD DC 3M

## ■ Supplied Accessories

- Microphone HM-211
- Microphone hanger and screw set
- Microphone hanger cable
- DC power cable
- Mounting bracket

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