



80+ CHANNEL UHF CB TRANSCEIVER

# IC-41W

## The Waterproof Handheld UHF CB That's Built Tough for Demanding Environments



### 128 channel capability

80 UHF CB channels are available, plus 16 repeater channels. In addition, 32 private channels are available for programming extra commercial channels within the 450 to 480MHz range.

### Waterproof and dustproof construction equivalent to IP67

The IC-41W is completely protected against dust ingress, and is also waterproof (one metre depth for 30 minutes). This enables operation in demanding environments.

### 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 CTCSS and 104 digital DTCSS user selectable group codes are available for silent stand-by operation.

### Hi capacity (15 hrs) Li-Ion battery pack and rapid charger as standard

A Lithium-Ion battery pack (BP-232WP) and rapid battery charger (BC-160) are supplied as standard. The large capacity 2300mAh (typ.) Lithium-Ion battery pack provides 15 hours\* of operating time.

\* Typical operation Tx:Rx:Stand-by=5:5:90, power save on.

### SelCall (Selective Calling)

Hear only the calls intended for you and see who called with SelCall! The IC-41S comes with TP40 and TP100 Selcall formats, along with user selectable ID number set up.

**Waterproof**  
1m depth for 30 minutes

**IP67**

**UHF CB**  
**5W** Power



**2 Year Icom Australia/  
Icom New Zealand Warranty**

## 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.
- Repeater lock-out function • 3-type LCD backlight setting

- 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 • Time-out timer • PTT hold function
- Key lock function • Auto power off • RX frequency setting
- Roger beep • Adjustable squelch level

## SPECIFICATIONS

| GENERAL                                            |                                             |
|----------------------------------------------------|---------------------------------------------|
| • Frequency coverage                               | :                                           |
| Tx                                                 | 450–480MHz<br>(includes all 80 CB channels) |
| Rx                                                 | 450–520MHz                                  |
| • Number of channels                               | : 128 channels                              |
| • Channel spacing                                  | :                                           |
| CB channel                                         | 12.5kHz                                     |
| Private channel                                    | 12.5/25kHz                                  |
| • Frequency stability                              | : ±2.5ppm                                   |
| • Operating temp. range                            | : –30°C to +60°C                            |
| • Power supply requirements                        | : 7.2V DC<br>(authorised battery packs)     |
| • Current drain (approx.)                          | :                                           |
| Tx CB (5W)                                         | 1.9A                                        |
| Rx Max. audio                                      | 300mA                                       |
| Stand-by                                           | 75mA                                        |
| • Antenna impedance                                | : 50Ω                                       |
| • Dimensions (W×H×D)<br>(projections not included) | : 53×120×37 mm                              |
| • Weight (approx.)                                 | : 310g (with BP-232WP)                      |

| TRANSMITTER                     |                                  |
|---------------------------------|----------------------------------|
| • Output power                  | : 5W, 1W (selectable)            |
| • Max. freq. deviation          | : ±5.0kHz                        |
| • Spurious emissions            | : 70dB min                       |
| • Adjacent Ch. power            | : 75dB typ.                      |
| • External microphone connector | : 3-conductor 2.5 (d) mm / 2.2kΩ |

| RECEIVER                             |                                                     |
|--------------------------------------|-----------------------------------------------------|
| • Intermediate frequency             | : 1st 46.35MHz<br>2nd 450kHz                        |
| • Sensitivity                        | : 0.25μV typ. at 12dB SINAD                         |
| • Squelch sensitivity                | : 0.25μV typ. (at threshold)                        |
| • Adjacent Ch. selectivity           | : 75dB typical                                      |
| • Spurious response                  | : 70dB min.                                         |
| • Intermodulation rejection          | : 74dB typical                                      |
| • Audio output power<br>(at 7.2V DC) | : 500mW typical at 5%<br>distortion with an 8Ω load |
| • Ext. speaker connector             | : 2-conductor 3.5 (d) mm / 8Ω                       |

### Supplied accessories



**Ingress Protection Standard (IC-41W, BP-232WP & HM-168LWP)**  
Dust & Water | IP67 (Dust-tight and waterproof protection)



This device complies with Standard Australia Specification No. AS/NZS 4295: 2004, AS/NZS 4365-2002 (40 Channel CB) & AS/NZS 4365-2011 (80 Channel CB).

## OPTIONS



| Battery packs and cases | Type                     | Capacity                         | Operating time*    |
|-------------------------|--------------------------|----------------------------------|--------------------|
| BP-232WP                | Li-Ion 7.4V              | 2250mAh (min.)<br>2300mAh (typ.) | 15 hours (Approx.) |
| BP-240                  | LR03 (AAA) batteries × 6 | –                                | –                  |
| BP-261                  | LR6 (AA) batteries × 6   | –                                | –                  |

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



Charges the BP-232WP in 3 hours (approx.).



### CLONING SOFTWARE AND CABLES

**CS-41S** : Allows quick and simple setting from a PC.  
**OPC-478/OPC-478UC** : PC to transceiver programming cable.  
(OPC-478: RS-232C, OPC-478UC: USB type)

### ANTENNAS

**FA-SC72U** : 470–520MHz antenna. Same as supplied.

### ANTENNA CONNECTOR ADAPTER

**AD-98FSC** : Allows you to connect a BNC-type antenna.  
(For maintenance use only)

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Count on us!

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