

Tudor Sailing Club Use of Base Station iCOM F5022M

The base station should be left connected to the aerial and the mains power.

Check the wall socket and power labeled VHF.

Turn on the mains switch on the radio on the LEFT of the radio (shown on the right in the example in the picture below)

The panel should illuminate and the word TUDOR briefly display. If the panel is not illuminated press the small blue power button next to the display.

The radio should be on Channel 37 and ready for use. If Channel 37 is not displayed, press the key PRIA (next to the microphone connection).

There are three power settings:

Low1 = 2.5W

Low2- 10W

High - 25W

Only LOW1 & LOW2 are indicated on the panel, HIGH is not displayed.

The default is HIGH which should only be used when you cannot make contact using LOW1 or LOW2 (e.g. on an out of harbour race).

Press the Hi/Lo key once to set to LOW1. If you cannot make contact, press the Hi/Lo key to set to LOW2. A third press will take it to HIGH.

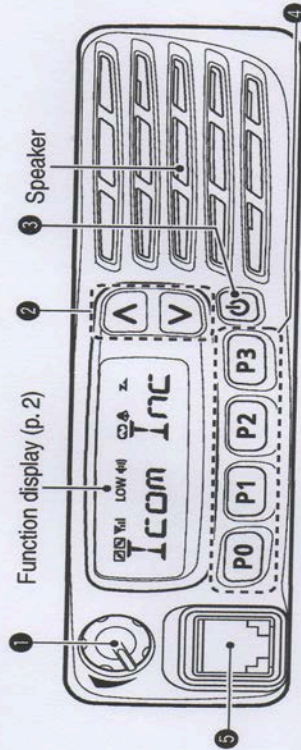
When finished with the radio, turn off the power switch on the left of the unit and power off at the wall socket.



PANEL DESCRIPTION

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■ Front panel



1 AF VOLUME CONTROL KNOB [VOL]

Rotate the knob to adjust the desired audio output level.

- Minimum audio level is pre-set. (p. 11)

2 UP/DOWN KEYS [CH Up]/[CH Down]

Push to select an operating channel, etc.

- The desired function can be assigned by your dealer. (p. 3)

3 POWER KEY [⏻]

Push to turn the power ON and OFF.

- The following functions are available at power ON as options:
 - Automatic scan start
 - Password prompt
 - Set mode

4 DEALER-PROGRAMMABLE KEYS

Desired functions can be programmed independently by your dealer. (p. 3)

5 MICROPHONE CONNECTOR

Connect the supplied or optional microphone.

- **NEVER** connect non-specified microphones. The pin assignments may be different and the transceiver may be damaged.

◇ MICROPHONE

The supplied or optional microphone has a PTT switch and a hanger hook.

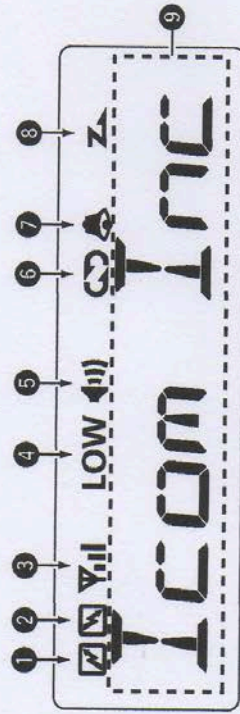
- The following functions are available when the microphone is on or off hook (depending on the setting):
 - Automatic scan starts when it is on hook.
 - Scan is cancelled when it is off hook.
 - Scan is paused when it is off hook.
 - Automatic priority channel selection is available when it is off hook.
 - Sets to 'inaudible' condition (mute condition) when it is on hook.
 - Sets to 'Audible' condition (unmute condition) when it is off hook.

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- P0 = PRIA - defaults to Channel 37 and is ALWAYS to be used
- P1 = PRIB - defaults to Channel M2 - only other Channel we may use
- P2 = Scan checks our allowed channels
- P3 = Hi / Low - cycles through the 3 power settings of High, Low1, Low2

1 PANEL DESCRIPTION

■ Function display



1 TRANSMIT INDICATOR

Appears while transmitting.

2 BUSY INDICATOR

Appears while the channel is busy.

3 SIGNAL STRENGTH INDICATOR

Indicates relative signal strength level as below.

Weak ← Receive Signal level ⇒ Strong

4 LOW POWER INDICATOR

Appears when low output power is selected.

5 AUDIBLE INDICATOR

→ Appears when the channel is in the 'Audible' (unmute) condition.

→ Appears when the specific 2/5-tone/MDC* code is received.

6 SCRAMBLER INDICATOR

Appears when the voice scrambler function is activated.

7 BELL INDICATOR

Appears/blinks when the specific 2/5-tone/MDC* code is received, according to the pre-programming.

8 SCAN INDICATOR

Blinks during scan.

9 ALPHANUMERIC DISPLAY

Displays an operating channel number, channel name, Set mode contents, DTMF code, etc.

* MDC operation only (p. 13)