



Intaride IR – TK5 User Instructions



Introduction:

After carefully unpacking your transceiver we recommend that you identify the items listed below before discarding the packing material. If any of the items are missing or have been damaged during shipment visit our website at www.IntaRide.com immediately and complete a returns form. **(No return will be processed unless it is accompanied by an RMA returns form.)** The programming of this transceiver is specific to Intaride.

Antenna - Charger (with adapter) - Li-on battery pack - Belt Clip - User Instructions - Hand Strap

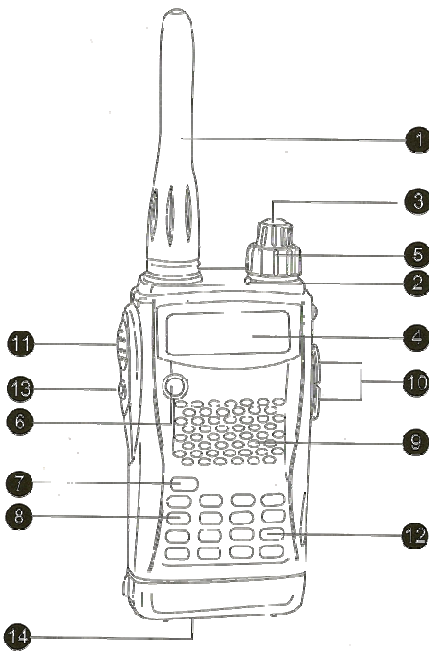
Charging Warnings:

Initially charging the battery pack after purchase or extended storage (longer than 2 months) will not bring the battery to its normal operating capacity. After repeating the charge/discharge cycle two or three times, the operating capacity will increase to normal.

Charge Operation:

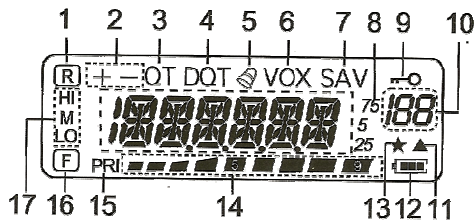
If a battery is in place while the transceiver red light is illuminated accompanied by the sounding of three beeps, it is an indication of low power and the unit should be charged. Note that either the transceiver or individual battery may be charged in the charger.

Keys and Controls:



1. Antenna
2. LED indicator - Displays Red when transmitting, Green when receiving. Flashes Red when battery is low whilst transmitting.
3. PWR/VOL knob - Turn clockwise to switch on the transceiver, counter clockwise to turn the unit off. Rotate to adjust volume level.
4. LCD display – For displaying operation status and other functions.
5. ENC Key – For adjusting channel, frequency and other functions.
6. Function Key
7. Menu Key – For adjusting various functions and settings (inscribed as “mune”)
8. Keypad – For adjusting various functions and settings.
9. Speaker/Microphone – Acts as both
10. SP/MIC jack
11. PTT key – Press and then speak into the microphone, release to receive.
12. Lamp
13. MONI (monitor key) – Press and hold to turn off squelch, release to turn squelch back on.
14. Battery Pack

Display



1. Appears when reverse function is activated
2. Appears when repeater shift function is activated
3. Appears when CTCSS function is activated
4. Appears when DCS function is activated
5. Appears when call alarm is activated
6. Appears when VOX function is on
7. Appears when unit is set to saving mode
8. Displays frequencies, menu settings and other functions
9. Appears when the lock function is on
10. Displays the menu number, channel, and status
11. Appears when the displayed memory channel has data
12. Displays the Battery Power Level
13. Appears when the memory channel lockout function is on
14. S-meter (RX) and TX Power output indicator
15. Appears when a Priority Scan function is activated
16. Appears when setting a shortcut
17. H appears when High power transmission is selected. L appears when low power is selected (recommended)

Switching the Power ON/OFF:

Switch ON the transceiver by turning the PWR/VOL knob clockwise. A high pitched beep sounds and the full display appears. A Power On message appears briefly followed by the channel and other indicators.

To switch OFF the transceiver turn the PWR/VOL knob anti clockwise. Note that the unit will store current frequency and parameters and will recall them when next switched on.

Adjusting the Volume:

Turn the PWR/VOL knob clockwise to increase the audio output levels and anti clockwise to decrease the audio levels.

Selecting Channels:

Turn [ENC] to adjust channels from 1 – 8.

Adjust the Squelch: (For optimum performance start at Squelch setting 1 and adjust as required)

When the squelch level is correctly set, the user will hear sound only when actually receiving signals. The purpose of squelch is to mute the speaker when no signal is present. The higher the selected squelch level, the stronger the signal must be in order to receive it.

Press [MENU] key, the squelch level appears in the display. To adjust press [MENU] key again and the level will flash and can be adjusted by turning the [ENC] key. There are 9 different levels, 0 minimum, 9 maximum. Press [MENU] or [F] key to store the new setting.

Transmitting:

To transmit as an individual unit, hold the transceiver approximately 5cm from the mouth, then press and hold the [PTT] and speak into the microphone in a normal voice. The LED lights red and the bar-graph meter will appear. When speech is finished, release [PTT].

Note: If TOT function is activated, continuous transmission for longer than the time specified will result in the transceiver to time out and stop transmitting. In this case release the [PTT] and then press [PTT] again to resume.

Selection of Output Power (where legal)

Selecting a lower transmission power is the best way to reduce battery consumption. To configure different power levels for transmission press [MENU] select [POW] via the [ENC] knob. Then press [MENU] again and the power level will “flash” via [ENC] knob you may adjust setting. Press [MENU] to store setting.

VOX (Voice-operated transmission)

VOX eliminates the necessity of manually switching to the transmission mode each time you wish to transmit. The transceiver automatically switches to transmission mode when the VOX circuitry senses that speech has begun. To turn VOX function on, press [MENU] and then tune into VOX menu via [ENC] knob. Press [MENU] again and note “flashing” OFF. Then turn the desired VOX gain level via the [ENC] knob. Level 1 is least sensitive, Level 16 is most sensitive. Press [MENU] to store setting. To turn VOX off return to the menu and select OFF.

Scan Mode:

Time – Operated Mode (**default**) – The transceiver remains a busy frequency for approximately 5 seconds, and then continues to scan even if the signal is still present.

Carrier – Operated Mode the transceiver remains on a busy frequency until the signal drops out. There is a 5 second delay between the signal dropout and scan resumption.

Seek Mode – The transceiver moves to a frequency where a signal is present and stops.

Active scanning can be achieved by pressing [F] key and then [3] to start scanning. To cancel press [Menu] key.

CTCSS and DCS:

This transceiver is equipped with CTCSS (Continuous Tone Coded Squelch System) (Digital Coded Squelch). These selective calls allows you to ignore (not hear) unwanted calls from persons who are using the same frequency. The transceiver responds only when it receives a signal having the same CTCSS tone or DCS code.

When you receive your radio you will be required to activate the CTCSS facility, this can be achieved by the following

- (1) Press [MENU] by using the [ENC] knob select CT.dCS (menu item 2)
- (2) Press [MENU] then by using [ENC] knob select CTCSS (this will be flashing in the display)
- (3) Press [MENU] again and then finish by pressing the PTT button.

This only needs to be complete once, after which to select CTCSS tone Press [F] button followed by [6] button, select your required CTCSS tone by using [ENC] knob and finally press [F] button again to lock in.

When you receive your radio you will be required to activate the DCS Facility, this can be achieved by the following

- (1) Press [MENU] by using the [ENC] knob select CT.dCS (menu item 2)
- (2) Press [MENU] then by using [ENC] knob select dCS (this will be flashing in the display)
- (3) Press [MENU] again and then finish by pressing the PTT button.

This only needs to be complete once, after which to select CTCSS tone Press [F] button followed by [9] button, select your required CTCSS tone by using [ENC] knob and finally press [F] button again to lock in.

Note: It is critical that choice of CTCSS and DCS frequencies are exactly the same as transceivers you wish to communicate with. Please check CTCSS and DCS carefully before telephoning Intaride for assistance – over 90% of all issues with Radios are channel selection.

Lamp:

To illuminate the display keys press [LAM] on the keypad, the lamp will remain illuminated for approximately 5 seconds.

However there are additional parameters if you so require. Press [MENU] and select “Led” via the [ENC] knob, press [MENU] again and via [ENC] select “AUT” - light turns off after 5 seconds, “OFF” – Light stays off continuously, “ON” keeps light ON continuously.

Key Lock Function:

The key lock function disables most of the keys to prevent you from accidentally activating a function. Press and hold [F] for 3 seconds to confirm a “key” symbol will appear on the display. To unlock Press [F] for 3 seconds.

Keypad Lock (MANU/AUTO)

Press [MENU] then tuning [ENC] key to select “Ky” menu. Press [MENU] again and adjust either “MANU” or “AUTO” via the [ENC] knob, press [MENU] to store setting.
MANU – Manual Mode (press [F] key for 3 seconds), AUTO – Auto Mode (auto lock the keypad if you leave and do not press any keys after approximately 60 seconds).

Time Out Timer:

The time out timer limits the time of each transmission, the built in time out timer can be adjusted to 1, 3 or 10 minutes. Just before the transceiver stops a warning beep will sound. This function is necessary to protect the transceiver from thermal damage due to overheat and therefore is recommended not to be turned OFF.

Press [MENU] via [ENC] knob select [TOT] menu, Press [MENU] again and via [ENC] knob select a setting, and then Press [MENU] to store setting.

Beep Function:

The Beep function provides confirmation of entry, error status and malfunctions of the transceiver. We recommend that this function remain ON in order to detect erroneous operations and malfunctions. However, to turn the beep function OFF, Press [MENU] and via [ENC] knob select “BP”, press [MENU] again and select OFF via the [ENC] knob, followed by [MENU] to store the function.

Call Tone:

To select any one of the numerous different call tones press [MENU] select “CK” menu via [ENC]. Press [MENU] again and select the required tone via the [ENC] knob. Press [MENU] key to store your chosen tone.

Battery Saver:

The battery saver extends the operating time of the transceiver. It automatically activates when squelch is closed and no key is pressed for more than 10 seconds. To reduce battery consumption, this function shuts the receiver circuit OFF for the programmed time, then momentarily turns it back on to detect a signal. To program the receiver shut off period for the battery saver press [MENU] tune in to “SAV” menu via the [ENC] knob. Press [MENU] again and select your desired Saver setting via the [ENC] knob, pressing [MENU] to store setting.

Settings include: OFF, 0.2, 0.4, 0.6, 0.8, and 1 second. **Note:** the longer the shut off period, the more you can save on the battery consumption. However, there is a greater chance of missing a signal.