



INSTRUCTION MANUAL

800 MHz TRUNKED TRANSCEIVER

IC-U810T



Icom Inc.

IMPORTANT SAFETY PRECAUTIONS

READ ALL INSTRUCTIONS carefully and completely before using the transceiver.

SAVE THIS INSTRUCTION MANUAL!

This instruction manual contains important safety and operating instructions for the **IC-U810T**.

NEVER allow the antenna to come close to, or touch, the eyes, face, or any exposed body parts while the radio is transmitting.

NEVER operate the radio near electrical blasting caps or in an explosive area.

NEVER connect the transceiver to an AC outlet.

NEVER connect the transceiver to a 24 V DC car battery. Only 12 V DC car batteries can be used.

NEVER allow children to operate the transceiver.

NEVER expose the transceiver to rain, snow or any liquids.

NEVER disassemble the transceiver. Incorrect reassembly may result in a fire hazard or electric shock.

NEVER place the transceiver where normal operation of the vehicle may be hindered or where it could cause bodily injury.

AVOID placing the transceiver in excessively humid or dusty environments, or in direct sunlight.

NEVER use the transceiver if it is covered by objects which impede heat dispersal.

NEVER use an accessory which Icom does not sell or recommend, as it could result in a fire hazard or electric shock.

AVOID using or storing the transceiver in extreme cold (under -30°C ; -22°F) or extreme heat (over $+60^{\circ}\text{C}$; $+140^{\circ}\text{F}$).

BE CAREFUL! The heatsink will become hot when operating the transceiver continuously for long periods.

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PANEL DESCRIPTION

■ Front panel

RED TRANSMIT LIGHT [TX]

Turns ON whenever the radio is transmitting. Flashes while the radio is getting permission to transmit.

GREEN BUSY LIGHT [BUSY]

Turns ON when the microphone PTT is pressed and the system is busy. Try your call again.

YELLOW CALL LIGHT [CALL]

Turns ON when someone tries to call your radio and there is no response. Press PTT or any front panel button to turn it OFF.

ON/OFF POWER AND VOLUME CONTROL KNOB [VOL/PWR]

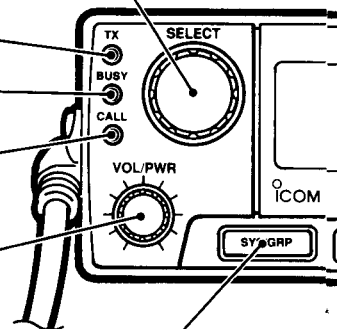
Turns the radio ON or OFF and adjusts the speaker volume.

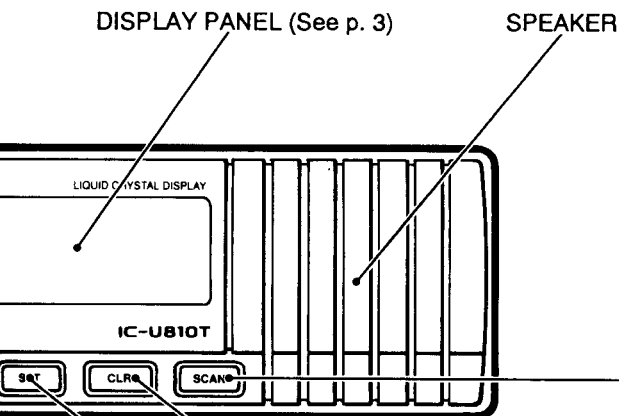
SELECT KNOB [SELECT]

Rotates to select different radio settings. The primary use is selecting a System or a Group within a System. Also used with the [SET] button to change other user controlled features.

SYSTEM/GROUP BUTTON [SYS/GRP]

Activates System select or Group select within a System. Bar shaped display icons beneath the SYS icon or the GRP icon show whether System select or Group select is active.





SET BUTTON [SET]

Activates a sequence of user controlled features available in the radio. The display will indicate which feature is active for user control. The radio will not transmit or receive while the [SET] button is being used. See p. 14 for details.

SCAN BUTTON [SCAN]

Press this button to activate the different scan features in the radio. The "SYS" and "GRP" icons on the display will flash to indicate what type of scan is being selected. After scanning has started, bars that replace the System and Group numbers indicate which type of scan is active. See p. 12 for details.

CLEAR BUTTON [CLR]

This button disables scan and also returns the radio to the active operating mode after using the [SET] button.

Count on us!

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