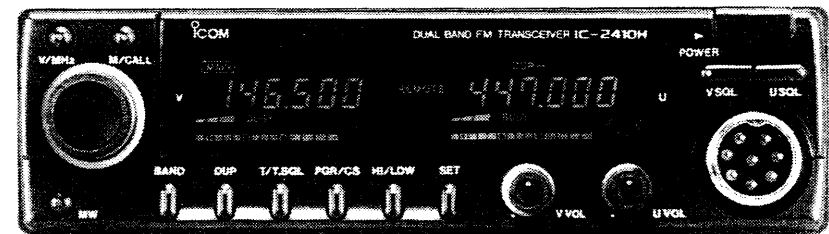# ○iCOM

INSTRUCTION MANUAL

DUAL BAND FM TRANSCEIVER

IC-2410A
IC-2410E
IC-2410H

Icom Inc.

The photo shows the IC-2410H U.S.A. version.

IMPORTANT

READ THIS INSTRUCTION MANUAL CAREFULLY before attempting operation. If you have any questions regarding the operation of the **IC-2410A/E/H**, feel free to contact your nearest authorized Icom Dealer or Service Center.

SAVE THIS INSTRUCTION MANUAL — This instruction manual contains important safety and operating instructions for the **IC-2410A/E/H**.

FOREWORD

Thank you for choosing this Icom product.

The **IC-2410A/E/H** is a 144 and 430 (440) MHz dual band mobile transceiver. The **IC-2410A/E/H** is a compact, easy-to-operate and multi-function transceiver designed using Icom's state-of-the-art technology.

CAUTIONS

NEVER connect the transceiver to an AC outlet. This will ruin the transceiver.

NEVER connect the transceiver to a power source of more than 16 V DC. Check the power source before connecting the power cable.

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

NEVER allow children to touch the transceiver.

DO NOT use or place the transceiver in areas with temperatures below −10°C (+14°F) or over +60°C (+140°F).
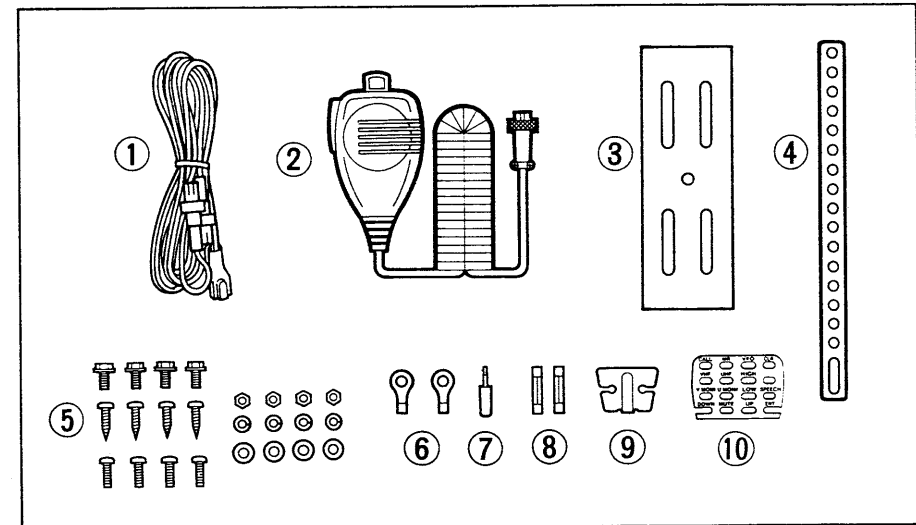
AVOID placing the transceiver in areas of direct sunlight, such as the dashboard.

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

TABLE OF CONTENTS

UNPACKING

Accessories included with the IC-2410A/E/H: Qty.
① DC power cable (OPC-044B) 1
② Microphone*... 1
③ Mounting bracket.. 1
④ Mounting support bracket 1
⑤ Mounting screws, nuts and washers.................. 1 set
⑥ Cable lugs 2
⑦ External speaker plug 1
⑧ Fuses (15 A).. 2
⑨ Microphone hanger.. 1
⑩ Microphone sheet for HM-56.................................... 1

∗ U.S.A. and Asia versions : HM-56
  Australia version   : HM-58
  Europe and Italy versions: HM-59

■Front panel

FUNCTION DISPLAY (p. 3)
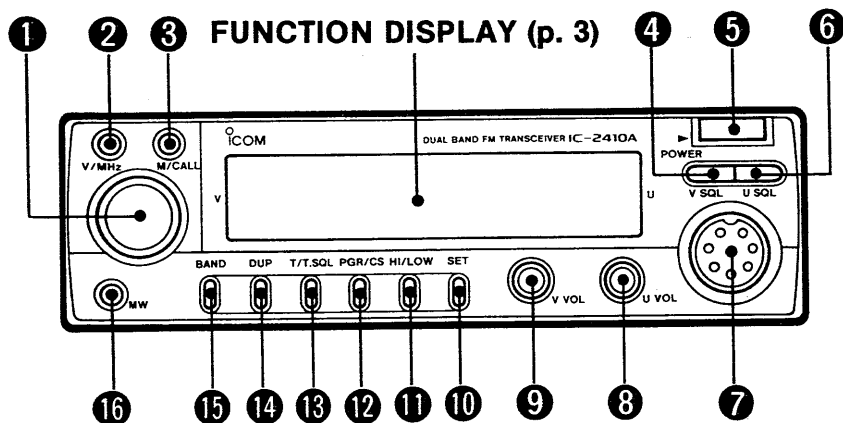
❶ TUNING CONTROL
Selects the operating frequency (p. 12), the memory channel (p. 21), the contents of the SET mode display (p. 11) and the scanning direction (p. 25).

❷ VFO/MHz SWITCH [V/MHz]
Selects VFO mode.

Selects the 1 MHz tuning step in VFO mode.

Selects the 10 MHz tuning step when pushed and held.

❸ MEMORY/CALL CHANNEL SWITCH [M/CALL]
Selects MEMORY mode or CALL CHANNEL mode.

Activates priority watch when pushed and held.

Cancels priority watch when the watch is activated.

❹ VHF SQUELCH SWITCH [V SQL]
Selects the VHF band squelch threshold level. (p. 13)

Opens the VHF band squelch and monitors the VHF transmit frequency when pushed and held. (p. 17)

❺ POWER SWITCH [POWER]
Turns the power ON and OFF.

❻ UHF SQUELCH SWITCH [U SQL]
Selects the UHF band squelch threshold level. (p. 13)

Opens the UHF band squelch and monitors the UHF transmit frequency when pushed and held. (p. 17)

❼ MICROPHONE CONNECTOR (p. 4)
Connects the supplied microphone or another suitable microphone.

⑧ UHF VOLUME CONTROL [U VOL]
Adjusts the UHF band audio output level.

⑨ VHF VOLUME CONTROL [V VOL]
Adjusts the VHF band audio output level.

⑩ SET MODE SWITCH [SET]
Accesses SET mode and advances the SET mode display. (p. 11)

Activates the lock function when pushed and held. (p. 13)

⑪ TRANSMIT POWER SWITCH [HI/LOW] (p. 17)
Selects 1 of the 3 transmit output power levels.

Activates the RF attenuator function when pushed and held.

Reverses the SET mode display in SET mode.

⑫ PAGER/CODE SQUELCH SWITCH [PGR/CS]
(pgs. 33, 34)
Selects the function of an optional UT-55 DTMF ENCODER/DECODER UNIT.
- Activates the pager or code squelch function.
- Selects standby for optional Mic or External DTMF Remote when pushed and held.

⑬ TONE SWITCH [T/T.SQL]
Activates the subaudible tone encoder.* (p. 20)

Activates the optional pocket beep or tone squelch function when an optional UT-67 TONE SQUELCH UNIT is installed. (p. 35)
* U.S.A. version: Built-in
  Other versions: Optional except for 88.5 Hz.

⑭ DUPLEX SWITCH [DUP] (p. 19)
Selects simplex, −duplex or +duplex.

⑮ BAND SWITCH [BAND]
Selects either VHF or UHF for the MAIN band.

Activates the SUB band access function when pushed and held.

⑯ MEMORY WRITE SWITCH [MW] (p. 21)
Programs a memory channel or a call channel.

Transfers the contents of a memory channel or a call channel to the VFO.

Announces the operating band frequency with a synthesized voice when an optional UT-66 VOICE SYNTHESIZER UNIT is installed. (p. 18)

■Function display
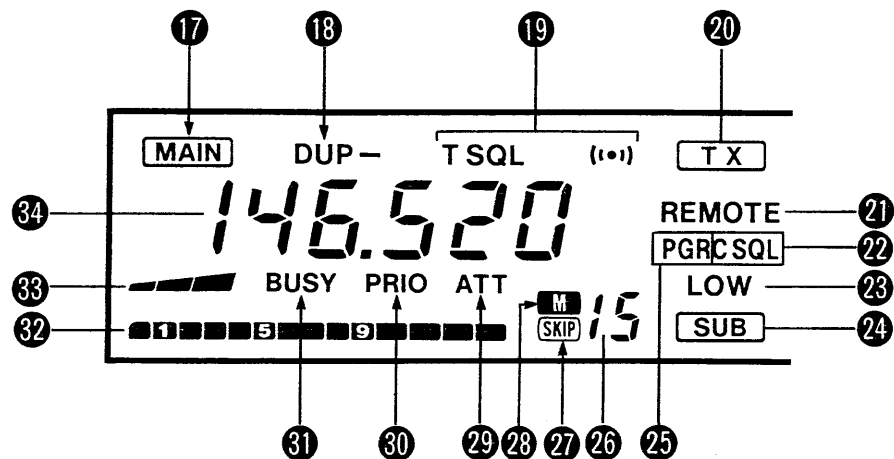
The above diagram shows the VHF band display.

⑰ MAIN BAND INDICATOR

Appears above the frequency readout being used as the MAIN band.

⑱ DUPLEX INDICATOR (p. 19)

"DUP−" or "DUP" appears when semi-duplex is selected for repeater operation.

⑲ TONE INDICATORS (pgs. 20, 35)

"T" appears when the subaudible tone encoder is turned ON.

"T SQL" appears when the optional tone squelch function is activated.

"T SQL (•••) " appears when the optional pocket beep function is activated.

⑳ TRANSMIT INDICATOR (p. 17)

Appears while transmitting.

㉑ REMOTE INDICATOR

Appears when optional Mic or External DTMF Remote is on standby.

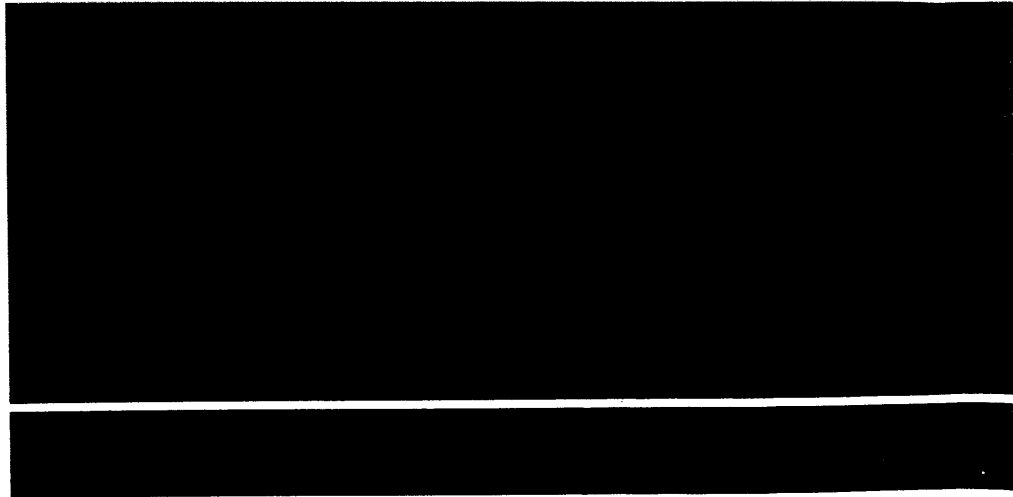Blinks when optional Mic or External DTMF Remote is activated.

㉒ CODE SQUELCH INDICATOR (p. 34)

Appears when the optional code squelch function is activated.

㉓ LOW POWER INDICATOR

Appears when low power 1 or 2 is selected on the MAIN band.

Count on us!