°iCOM inc.

DUAL BAND
FM TRANSCEIVER
IC-3210A
IC-3210E
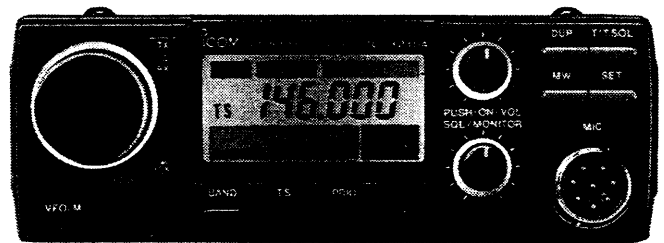
Icom Inc.

CAUTIONS

Before using the transceiver, read all instructions carefully and completely.

SAVE THESE INSTRUCTIONS — This instruction manual contains important safety and operating instructions for the IC-3210A/E.

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

NEVER connect more than 16 V DC power supplies or batteries to the transceiver. Check the source before connecting the power cable.

NEVER allow children to touch the transceiver during operation.

NEVER use or place the transceiver in areas with temperatures below −10°C (+14°F) or over +60°C (+150°F).

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

DO NOT place the transceiver in excessively humid environments.

AVOID placing the transceiver in direct sunlight, such as on the dashboard.

AVOID using the transceiver in excessively dusty environments.

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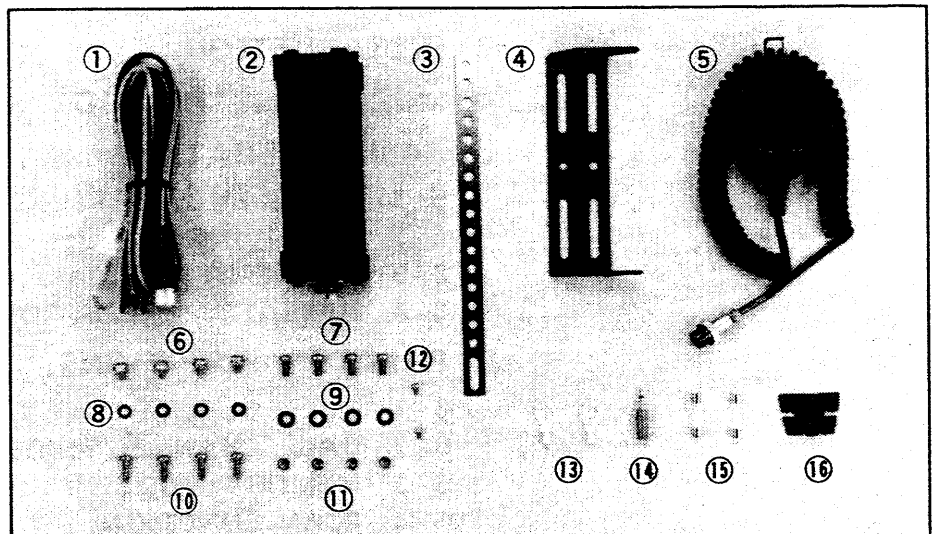
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FOREWORD

Thank you for purchasing the **IC-3210A/E DUAL BAND FM TRANSCEIVER** from Icom.

Please read this instruction manual thoroughly before operating your new **IC-3210A/E.** For further information, please feel free to contact your nearest Icom Dealer or Service Center.

UNPACKING

Accessories included   **Qty.**

① DC power cable 1
② Mobile mounting bracket 1
③ Mounting support bracket 1
④ Angle bracket 1
⑤ Microphone* 1
⑥ Mounting bracket screws. 4
⑦ Mounting screws (M5 x 12) 4
⑧ Spring washers (M5) 4
⑨ Flat washers (M5). 4
⑩ Mounting self-tapping screws 4
⑪ Nuts (M5) 4
⑫ Screws (M3 x 6). 2
⑬ Cable lugs 2
⑭ External speaker plug. 1
⑮ Fuses (15A) 2
⑯ Microphone hanger 1

    * HM-12 (supplied with IC-3210A, Australia version)
      HM-14 (supplied with IC-3210A, U.S.A. version)
      HM-15 (supplied with IC-3210E)

TWO BANDS IN A COMPACT BODY

The IC-3210A/E gives you 2 m and 70 cm in one compact body. Operate two bands with one transceiver. The built-in duplexer allows one-antenna operation.

FULL DUPLEX CAPABILITY

Transmit on one band and receive on the other and you're operating with full duplex. Working full duplex is as easy as talking on the telephone.

SIMPLE PANEL DESIGN

The front panel is very simple: there are only three controls and eleven switches. The simple design makes operation easy — even when driving.

20 DOUBLE-SPACED MEMORY CHANNELS

The IC-3210A/E has 20 double-spaced memory channels. One space stores an operating frequency as well as all information required to work a repeater. When not working a repeater, the other space stores a frequency to be used for full duplex. Up to 40 channels can be used for simplex.

THREE SCANS

The IC-3210A/E has three scans: programmed scan, memory scan and selected band memory scan. Using the memory channel skip function, any number of memory channels can be skipped during a scan.

PRIORITY WATCH

Every five seconds, priority watch monitors another band VFO, a call channel, a memory channel, or all memory channels in succession while you work on the operating frequency.

POCKET BEEP

When the UT-40 (sold separately) is installed, the transceiver functions as a pager. When a received tone frequency equals the tone you've set, an alarm of 30 seconds is emitted over the speaker. This is especially convenient for busy schedules, etc.
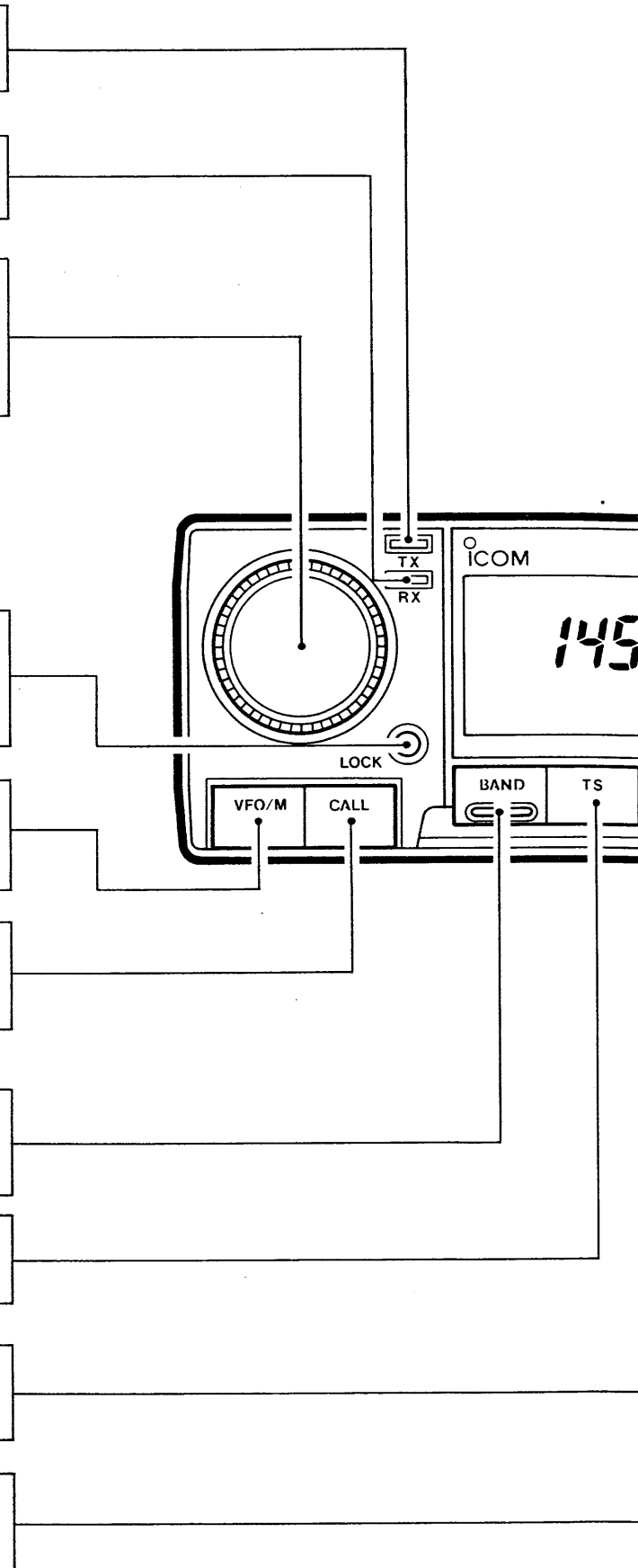
MONITOR FUNCTION

The monitor function opens the squelch (also the tone squelch when the UT-40 is installed) without you rotating the [SQL/MONITOR] control.

2 PANEL DESCRIPTION

2-1 FRONT PANEL

TRANSMIT INDICATOR [TX]
Lighted when transmitting. (p. 13)

RECEIVE INDICATOR [RX]
Lighted when the squelch is open. (p. 12)

TUNING CONTROL
Changes the operating frequency (p. 11), the memory channel (p. 18) and the contents of the SET mode displays (p. 10).

LOCK SWITCH [LOCK]
Deactivates the tuning control and locks some switches. (p. 27)

VFO/MEMORY SWITCH [VFO/M]
Accesses the VFO or the memory mode. (p. 18)

CALL CHANNEL SWITCH [CALL]
Accesses and leaves the call channel. (p. 17)

BAND SELECTOR SWITCH [BAND]
Selects either VHF or UHF. (p. 11)

TUNING STEP SWITCH [TS]
Sets the tuning step at 1 MHz. (p. 11)

PRIORITY WATCH [PRIO]
Turns priority watch ON and OFF. (p. 25)

TRANSMIT POWER SWITCH [HI/LO]
Sets the transmit power to 5 W or 25 W. (p. 13)

Count on us!