



INSTRUCTION MANUAL

VHF TRANSCEIVER

IC-F1610

UHF TRANSCEIVER

IC-F2610

**SmarTrunk II™
Compatible**



Icom Inc.

IMPORTANT

READ ALL INSTRUCTIONS carefully and completely before using the transceiver.

SAVE THIS INSTRUCTION MANUAL—This instruction manual contains important operating instructions for the IC-F1610 VHF TRANSCEIVER or IC-F2610 UHF TRANSCEIVER.

EXPLICIT DEFINITIONS

WORD	DEFINITION
⚠ WARNING	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.
NOTE	If disregarded, inconvenience only. No risk of personal injury, fire or electric shock.



Versions of the transceiver which display the “CE” on the serial number seal, comply with the essential requirements of the 89/336/EEC directive for Electromagnetic Compatibility.

CAUTIONS

⚠ WARNING! NEVER connect the transceiver to an AC outlet. This may pose a fire hazard or result in an electric shock.

NEVER connect the transceiver to a power source of more than 16 V DC such as a 24 V battery. This connection will ruin the transceiver.

NEVER cut the DC power cable between the DC plug and fuse holder. If an incorrect connection is made after cutting, the transceiver might be damaged.

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

Place unit in a secure place to avoid inadvertent use by children.

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

USE supplied microphones only. Other microphones have different pin assignments and may damage the transceiver.

SmarTrunk II™ is a trademark of SmarTrunk Systems, Inc.

DO NOT connect the transceiver to a power source using reverse polarity. This connection will not only blow fuses but also may damage the transceiver.

DO NOT use or place the transceiver in areas with temperatures below -20°C or above $+55^{\circ}\text{C}$ or, in areas subject to direct sunlight, such as the dashboard.

AVOID operating the transceiver without running the vehicle's engine. The vehicle's battery will quickly run out if the transceiver is in transmission while the vehicle's engine is off.

AVOID placing the transceiver in excessively dusty environments.

AVOID placing the transceiver against walls. This will obstruct heat dissipation.

AVOID the use of chemical agents such as benzine or alcohol when cleaning, as they can damage the transceiver's surfaces.

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

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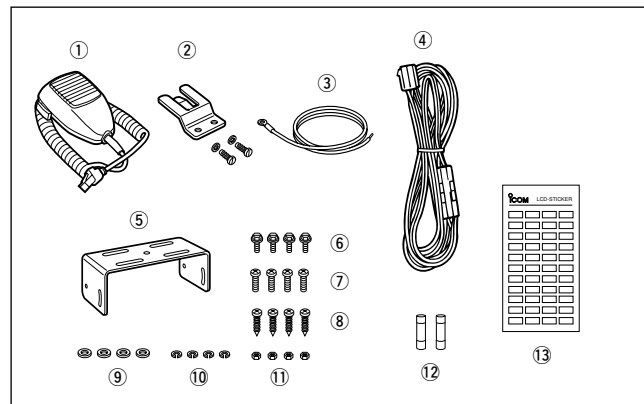
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SUPPLIED ACCESSORIES



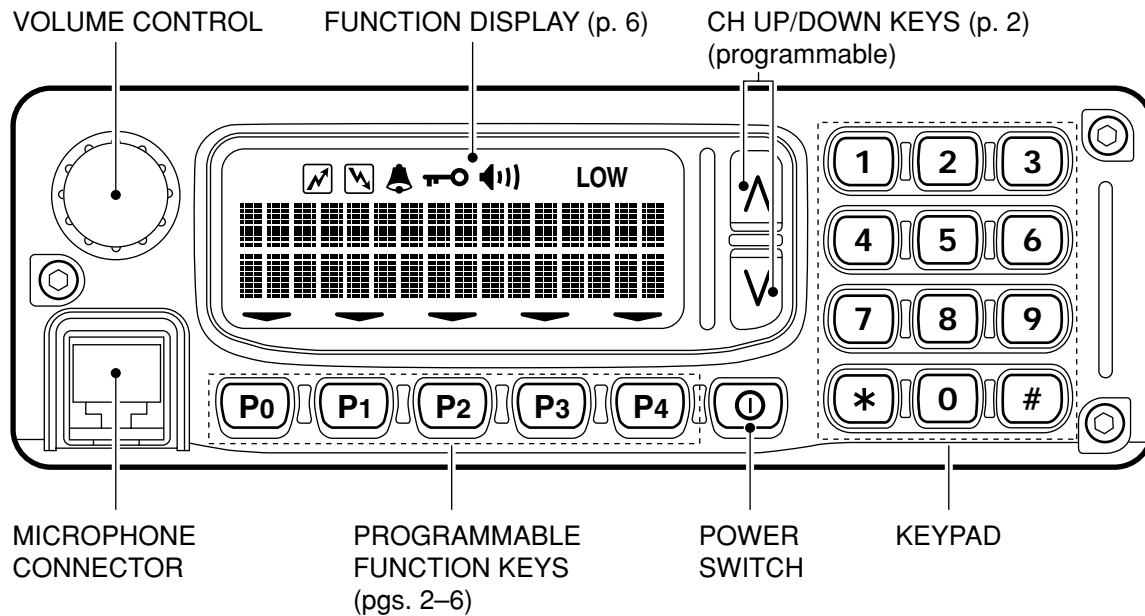
- | | |
|---|---|
| ① Microphone (HM-100) 1 | ⑦ Mounting screws (M5 × 12) 4 |
| ② Microphone hanger and screw set 1 set | ⑧ Self-tapping screws (M5 × 20) 4 |
| ③ Microphone cable 1 | ⑨ Flat washers 4 |
| ④ DC power cable (OPC-345) 1 | ⑩ Spring washers 4 |
| ⑤ Mounting bracket 1 | ⑪ Nuts 4 |
| ⑥ Bracket bolts 4 | ⑫ Fuses (15A) 2 |
| | ⑬ Function name stickers 1 set |

NOTE: Some versions include the SP-22 EXTERNAL SPEAKER.

◆ Function name stickers

Use these to label the programmable function keys ([P0] to [P4]) according to their assigned functions.

■ Front panel



1 PANEL DESCRIPTION

VOLUME CONTROL

Adjusts the audio output

- Minimum audio level (when setting control maximum counter clockwise) is pre-programmed.

CHANNEL UP/DOWN KEYS [^]/[v]/[CH UP]/[CH DN])

Push to select an operating channel.

- Can be programmed for one of several functions by your dealer.

POWER SWITCH

Turns the power on and off.

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

KEYPAD

The keypad allows you to enter digits to:

- Select memory channels
- Select tone channels
- Select DTMF codes (during transmit)
- Set SmarTrunk II™ codes

MICROPHONE CONNECTOR

Connects the supplied microphone or optional DTMF microphone for SmarTrunk II™ operation.

NEVER connect other microphones. The pin assignments may be different and the transceiver may be damaged.

MICROPHONE

The supplied microphone has a PTT switch and a cradle. The following functions are available when the microphone is taken off the cradle or put back on hook:

- Automatic scan start when putting on hook
- Automatic priority channel selection when taken off hook
- Set to 'inaudible' (mute condition) when putting on hook
- Set to 'audible' (unmute condition) when taken off hook

■ Programmable keys

The following functions can be assigned to the programmable function keys. Assigned function names can be affixed to the corresponding keys using the supplied stickers*.

*Some functions do not have supplied stickers.

◆ Programmable functions with supplied stickers

MEMORY CHANNEL KEYS

MR-1

Select a memory channel directly.

MR-2

MR-3

MR-4

Count on us!