



INSTRUCTION MANUAL

HF RECEIVER

IC-R72



IMPORTANT

READ THIS INSTRUCTION MANUAL CAREFULLY before attempting to operate the receiver.

SAVE THIS INSTRUCTION MANUAL. This instruction manual contains important safety and operating instructions for the IC-R72.

EXPLICIT DEFINITIONS

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

PRECAUTIONS

⚠ DISCONNECT the AC power cable from the receiver, and wait for a few minutes before performing AC fuse replacement or any internal work.

⚠ NEVER apply AC voltage that exceeds the suggested voltage for each version. This could cause a fire or ruin the receiver.

⚠ NEVER use non-rated fuses. Non-rated fuses could cause a fire or ruin the receiver.

⚠ NEVER let metal, wire or other objects touch any internal parts.

⚠ NEVER expose the receiver to rain, snow or any liquids.

⚠ NEVER allow children to touch the receiver.

AVOID using or placing the receiver in areas with temperatures below -10°C ($+14^{\circ}\text{F}$) or above $+60^{\circ}\text{C}$ ($+140^{\circ}\text{F}$).

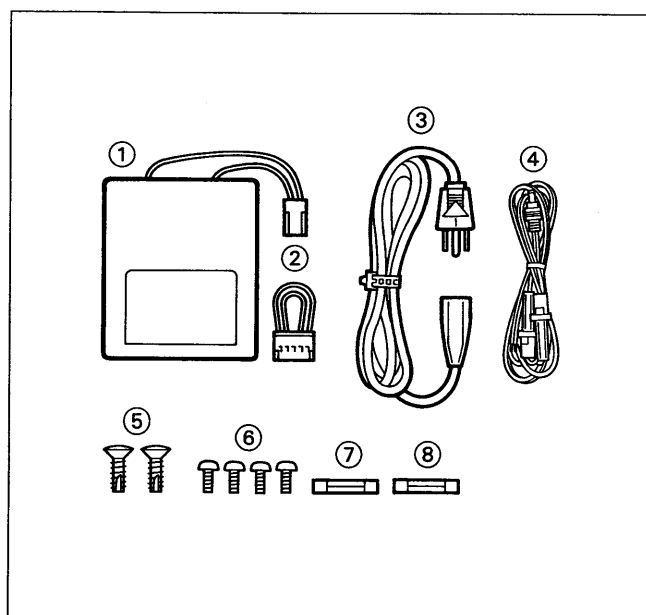
AVOID placing the receiver in excessively dusty environments or in direct sunlight.

AVOID placing the receiver against walls or putting anything on top of the receiver. This will obstruct heat dissipation.

RESPECT other peoples privacy. Information overhear but not intended for you cannot lawfully be used in any way.

If you purchase the IC-R72 battery type, **READ** p. 10 "Lead storage battery notes."

UNPACKING



Accessories included with the IC-R72:	Qty.
① Back-up battery* ¹	1
② Jumper cable* ¹	1
③ AC power cable* ²	1
④ DC power cable (OPC-131)* ³	1
⑤ 4 × 12 mm self-tapping screws* ⁴	2
⑥ 3 × 6 mm self-tapping screws* ⁴	4
⑦ Spare fuses for AC power input* ⁵	1
⑧ Spare fuses for regulator circuit (FGB 2 A) ...	1

*¹ For battery type only.

*² AC type only.
OPC-034 (U.S.A. version)
OPC-492 (Europe, Germany versions)
OPC-085 (Australia version)

*³ For DC type only.

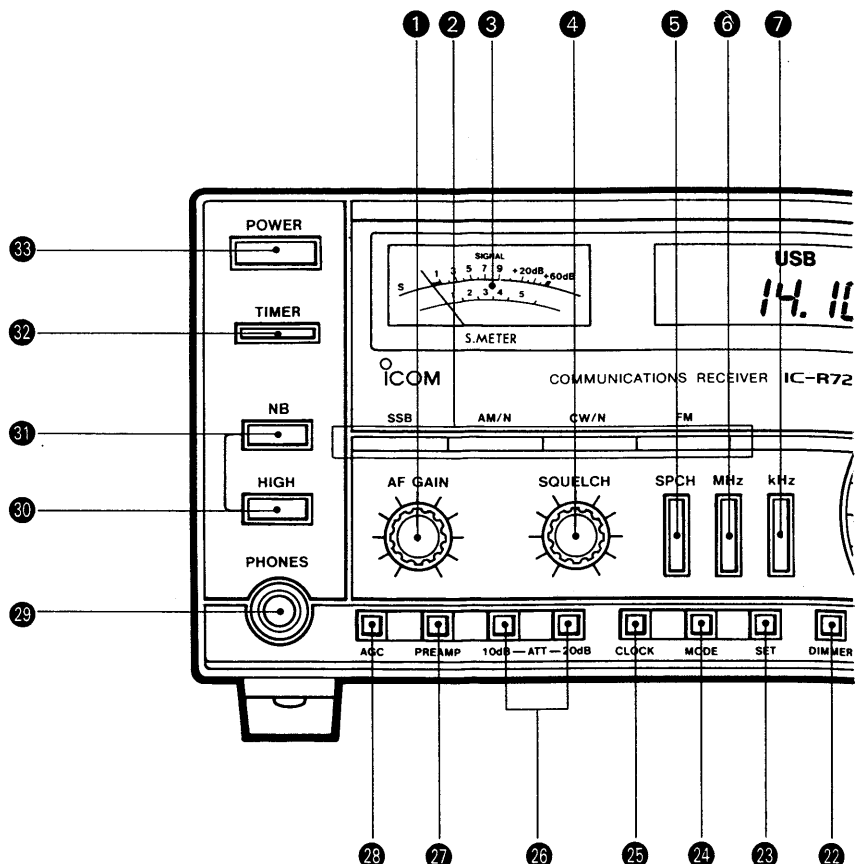
*⁴ For optional MB-23 installation.

*⁵ AC type only.
FGB 1 A (U.S.A version)
FGB 0.5 A (Europe, Australia versions)
FGMB 250 V 0.5 A (Germany version)

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■ Front panel



1 AF GAIN CONTROL [AF GAIN] (p. 15)

Varies the audio output level.

2 MODE SWITCHES (p. 16)

Select the desired operating mode.

3 S-METER [S.METER]

Shows the strength of the receive signal.

4 SQUELCH CONTROL [SQUELCH] (p. 15)

Varies the squelch threshold level.

5 SPEECH SWITCH [SPCH] (p. 28)

Announces the displayed frequencies in English when an optional UT-36 VOICE SYNTHESIZER UNIT is installed.

6 MHz TUNING RATE SWITCH [MHz] (p. 13)

Sets the tuning rate in MHz steps.

7 kHz TUNING RATE SWITCH [kHz] (p. 13)

Sets the tuning rate in kHz steps.

8 FUNCTION DISPLAY (p. 5)

See p. 5 for FUNCTION DISPLAY.

9 BUSY INDICATOR [BUSY]

Lights up in green when the squelch opens.

10 TUNING INDICATOR [TUNE]

Lights up in red when receiving the center of a signal in AM or FM mode.

- This indicator goes on and off according to modulation in AM mode.

11 MEMORY CLEAR SWITCH [M-CL] (p. 18)

Clears the contents from the selected memory channel.

12 MEMORY DATA TRANSFER SWITCH [M►VFO] (p. 18)

Transfers the contents in the displayed memory channel into the VFO.

13 VFO/MEMORY SWITCH [VFO/MEMO] (p. 17)

Selects a mode, VFO mode or MEMORY mode.

14 MEMORY WRITE SWITCH [MW] (p. 18)

Stores the displayed frequency and mode into the selected memory channel.

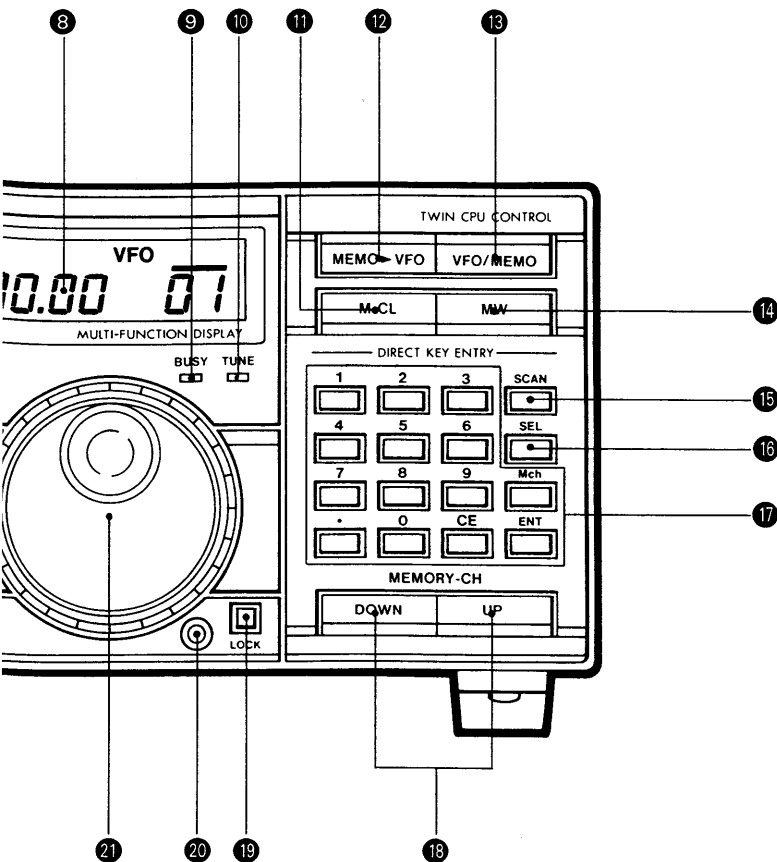
15 SCAN SWITCH [SCAN] (p. 19)

Starts and stops scanning.

16 SELECT SWITCH [SEL] (p. 20)

Sets the displayed memory channel to the selected memory channel.

Starts the selected memory scan while scanning.



17 KEYBOARD

Sets the operating frequency, memory channel or time directly.

18 MEMORY CHANNEL UP/DOWN SWITCHES [DOWN]/[UP] (p. 17)

Changes memory channels.

19 DIAL LOCK SWITCH [LOCK] (p. 16)

Locks the main dial electronically.

20 BRAKE ADJUSTMENT SCREW (p. 26)

Adjusts the main dial tension.

21 MAIN DIAL

Changes the operating frequency.

Changes the time in CLOCK mode.

22 DIMMER SWITCH [DIMMER]

Changes brightness of the display backlight and the meter.

23 CLOCK SET SWITCH [SET] (p. 21)

Selects the clock setting condition.

24 CLOCK MODE SWITCH [MODE] (p. 21)

Changes items in CLOCK

25 CLOCK SWITCH [CLOCK] (p. 21)

Selects CLOCK mode.

26 ATTENUATOR SWITCHES [10dB]/[20dB]

(p. 15)

Activate attenuators.

27 PREAMP SWITCH [PREAMP] (p. 15)

Activates the preamplifier.

• The preamplifier operates at 1.6 MHz and above.

28 AGC SWITCH [AGC] (p. 16)

Changes the time constant of the AGC circuit.

29 HEADPHONE JACK [PHONES]

Accepts headphones connection.

• When a headphones are inserted, the internal speaker does not function.

30 NB HIGH SWITCH [HIGH] (p. 16)

Selects the high level noise blanker.

31 NOISE BLANKER SWITCH [NB] (p. 16)

Activates the noise blanker circuit.

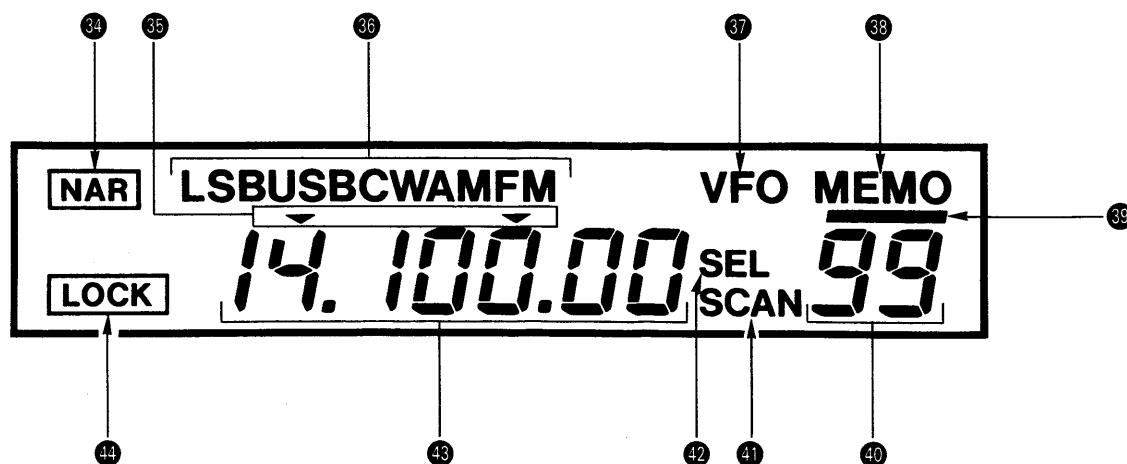
32 TIMER SWITCH [TIMER] (p. 23)

Activates the timer function.

33 POWER SWITCH [POWER]

Turns the power ON and OFF.

■ Function display



34 NARROW INDICATOR (p. 16)

Indicates that the IF narrow filter is selected in AM or CW mode.

- An optional CW narrow filter is necessary for CW narrow operation.

35 TUNING STEP INDICATORS (p. 13)

Point to the lowest digit changed when the main dial is rotated.

36 MODE INDICATORS (p. 16)

Show the operating mode.

37 VFO INDICATOR (p. 17)

Indicates that VFO mode is selected.

38 MEMORY INDICATOR (p. 17)

Indicates that MEMORY mode is selected.

39 MEMORY CHANNEL BLANK INDICATOR (p. 17)

Indicates that the displayed memory channel number has not been programmed (blank channel).

40 MEMORY CHANNEL READOUT (p. 17)

Shows memory channel numbers.

41 SCAN INDICATOR (p. 19)

Appears while scanning.

42 SELECTED CHANNEL INDICATOR (p. 20)

Indicates that the displayed memory channel is a selected memory channel.

43 FREQUENCY READOUT (p. 14)

Shows the operating frequency or clock time.

44 LOCK INDICATOR (p. 16)

Appears when the dial lock function is activated.

Count on us!

