

 ICOM

COMMUNICATIONS RECEIVER

IC-R2

A 'world' of listening that fits in your palm!

Compact, drip-resistant construction

With compact dimensions of only 58 (W) × 86 (H) × 27 (D) mm**, the IC-R2 easily fits in your palm or shirt pocket. And drip-resistant construction** provides protection for outdoor operation.

**2 3/32 × 3 3/8 × 1 1/16 in.

**Meets JIS water resistant specification grade 2.

FM, WFM and AM modes available

Ample memory channels

400 memory channels are available and separated into 8 banks (50 channels for each bank) for easy memory channel management.

Auto power-off function

Selectable from 30, 60, 90 or 120 min.

Auto squelch

An automatic squelch (self-adjusting) system eliminates critical squelch threshold settings when receiving weak signals.

Wide frequency coverage

Covers a 0.495–1309.995 MHz wide frequency range divided into 9 frequency bands. The last used frequency is re-called when the operating band is changed—like having 9 VFOs available. This system provides simple operation!

Large internal speaker

A large, 36 mm (d)/1 1/32" internal speaker delivers loud, clear audio.



icom Inc.

FEATURES

- Quick and easy band switching
- Tone squelch function (CTCSS decode)
- Offset monitor capability for semi-duplex operation monitoring
- Requires only 2 AA (R6) Ni-Cd or alkaline cells
- Built-in attenuator
- Optional PC programming capability
- Receiver-to-receiver data cloning (optional OPC-474 required)
- Multiple scan functions
- LCD backlight with timer
- Priority watch function with beep alert
- Channel indication
- Simple up/down keys for AF level control
- Low-battery indicator and beep
- Optional antenna connector adapter available (SMA to BNC)

SPECIFICATIONS

GENERAL

- Frequency coverage :
 - USA : 0.495–823.995 MHz, 849.0–968.995 MHz, 894.0–1309.995 MHz
 - Europe, Asia, Italy, Canada, UK, others : 0.495–1309.995 MHz
- Mode : FM, AM, WFM
- No. of memory ch. : 450 (400 regular, 50 scan edges)
- Usable temp. range : -10°C to +60°C ; +14°F to +140°F
- Tuning steps : 5, 6.25, 9,* 10, 12.5, 15, 20, 25, 30, 50 and 100 kHz
 - *Fixed tuning step for 0.495–1.820 MHz; except U.S.A. and Canada versions
- Frequency stability : ± 6 ppm (-10°C to +60°C)
- Power supply requirement: 2 × AA (R6) Ni-Cd or alkaline cells (negative ground)
- Current drain (at 3.0 V DC) :
 - Rated audio : 170 mA (typical)
 - Standby : 100 mA (typical)
 - Power saved : 41 mA (typical)
- Antenna connector : SMA (50 Ω)

- Dimensions (proj. not incl.) : 58(W)×86(H)×27(D) mm; 2^{3/32}(W)×3^{3/8}(H)×1^{1/16}(D) in
- Weight (approx.) : 170 g; 6 oz

RECEIVER

- Receiver system : Triple conversion super-heterodyne
- Intermediate frequencies : 1st 266.7 MHz
2nd 19.65 MHz
3rd 450 kHz
- Sensitivity (except spurious points; typical):

FM	1.625–5.0 MHz	0.4 μV
(at 12 dB SINAD)	5.005–29.995 MHz	0.25 μV
	30–117.995 MHz	0.2 μV
	118–174.995 MHz	0.18 μV
	175–329.995 MHz	0.22 μV
	330–429.995 MHz	0.25 μV
	430–450 MHz	0.22 μV
	450.005–469.995 MHz	0.25 μV
	470–999.995 MHz	0.28 μV
	1000–1309.995 MHz	0.45 μV

WFM	76–108.0 MHz	0.71 μV
(at 12 dB SINAD)	175–221.995 MHz	0.71 μV
	470–770.0 MHz	1.0 μV
AM (at 10 dB S/N)	0.495–5.0 MHz	1.3 μV
	5.005–30.0 MHz	0.79 μV
	118–136.0 MHz	0.63 μV
	222–246.995 MHz	0.63 μV
	247–329.995 MHz	0.71 μV

- Selectivity :
 - FM, AM : More than 15 kHz/–6 dB
Less than 30 kHz/–60 dB
 - WFM : More than 150 kHz/–6 dB
- AF output power : 100 mW typical at 10% distortion with an 8 Ω load
- External SP connector : 3-conductor 3.5 (d) mm (1/8") Ø

All stated specifications are subject to change without notice or obligations.

Supplied accessories

- Ni-Cd charger + Ni-Cd cells* (depending on version)
- Antenna
- Handstrap
- Belt clip

OPTIONS

BC-127A/D
Ni-Cd CHARGER

2 Ni-Cd cells supplied. Up to 4 cells can be charged simultaneously.

LC-146
CARRYING CASE

Helps protect the receiver from scratches, etc.

AD-92SMA
ANTENNA CONNECTOR
ADAPTER

Allows you to connect a BNC-type antenna.

5P-13
EARPHONES

Provides clear audio in noisy environments.

HP-4 HEADPHONE

C5-R2 CLONING SOFTWARE + OPC-478 CLONING CABLE
Provides quick and easy programming of memory channels, memory names and set mode contents via an IBM compatible PC.

OPC-474 CLONING CABLE
Used for handheld-to-handheld data cloning.