

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.

*29/32 × 33/8 × 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.

Meets
MIL-STD 810

Auto squelch

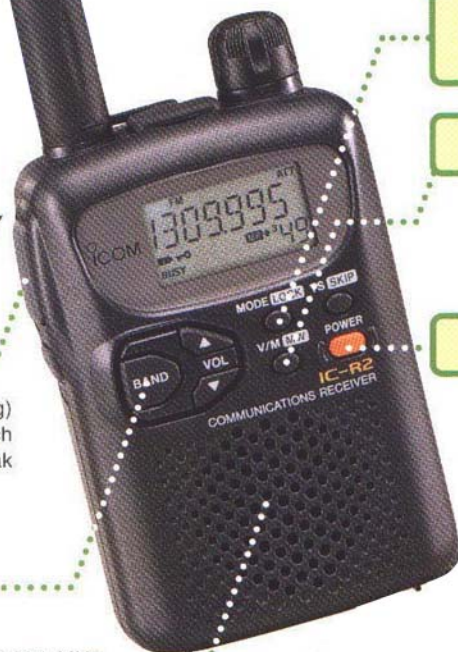
An automatic squelch (self-adjusting) system eliminates critical squelch threshold settings when receiving weak signals.

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 13/32" 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, 849.0–868.995 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 TS for 0.495–1.620 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
• 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 3/8(W)×3 3/8(H)×1 1/16(D) in
• Weight (approx.)		170 g, 6 oz.

RECEIVER

• Receiver system		Triple conversion superhetero- dyne	
• 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	(at 3.0 V DC)	100 mW typ. at 10% distortion with an 8 Ω load
• External SP connector		3-conductor 3.5 (d) mm (1/8") /8 Ω

The IC-R2 meets MIL-STD requirements and strict environmental standards for shock (MIL 810C, D, E) and vibration (MIL 810C, D, E).

Supplied accessories

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

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

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-925MA
ANTENNA CONNECTOR
ADAPTER

Allows you to connect a BNC-type antenna.

SP-13
EARPHONES

Provides clear audio in noisy environments.

HP-4 HEADPHONE

CS-R2 CLONING SOFTWARE + OPC-478 CLONING CABLE
Allows you to transfer data from memories, etc. and quickly and easily edit and store data via a PC.

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

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Certificate Number Q14190

Icom Inc. (Japan), is an ISO9001
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