



COMMUNICATIONS RECEIVER

IC-R5

Hear Them All with Icom's Winning Performance!

Listen Almost Anywhere to Almost Anything

The IC-R5's combination of small size, powerful specifications and outstanding features puts you in the action, whether listening in on your favorite driver's car-to-pit radio calls while at the race track, looking for something new while traveling, or catching your favorite radio programs at home.

Wideband Receive 0.150-1309.995 MHz*

The IC-R5's wideband reception means virtually anything from AM broadcast to UHF TV audio is fair listening game. Every TV broadcast channel is preprogrammed into this radio.* Listen to AM & FM radio stations, utility communications, and more. For the race fan, the IC-R5 puts you so close to the asphalt, only the man behind the wheel is experiencing more action.

*Depending on version.

1250 Alphanumeric Memory Channels

Make up your own channel names for each of up to 1250 memory channels, and channel recognition is easy! The IC-R5's LCD display lets you use numbers, letters or a combination of both when naming channels and banks. Icom's exclusive Dynamic Memory Scan (DMS) gives you the flexibility to customize and manage the IC-R5's memory banks the way you want or need.

Convenient Power and Charging

Power on the go is easy, thanks to the IC-R5's ability to operate from a variety of power sources. You may: power the radio via the DC port; or use the included 2 "AA" size rechargeable Ni-Cd batteries*; or use long storage life "AA" alkalines. A DC jack allows for simultaneous battery charging while operating the radio.

*Depending on version.

Computer Programmable

With the optional software and cable, IC-R5 programming and cloning are a breeze. Hook your IC-R5 up to a PC and you're ready to customize channel names, scan lists, and more.



Icom Inc.

OTHER FEATURES

- Built-in ferrite bar antenna for AM broadcast
- FM earphone cord antenna capability
- DTCS and CTCSS tone squelch function
- Offset monitor capability for semi-duplex operation monitoring
- Auto squelch and squelch monitor capability
- Built-in attenuator
- Low-battery indicator and beep
- Power save function
- 30–120 minutes auto power off timer

- LCD backlight with timer
 - Auto memory write scan stores the detected frequency, mode and tone into a specified memory
 - Priority watch function with beep alert
 - Reversible up/down buttons and dial knob for volume, frequency, memory channel, scan direction and set mode settings
 - 100 preprogrammed worldwide shortwave channels*
 - Weather channels with weather alert function*
- (* U.S.A. version only)

SPECIFICATIONS

GENERAL

- Frequency coverage : 0.150–1309.995MHz* (* Cellular blocked in the U.S.A. version.)
France 0.150–29.995, 50.2–51.2, 87.5–108, 144–146, 430–440, 1240–1300MHz
- Mode : AM, FM, WFM
- No. of memory channels : 1250 (1000 regular, 50 scan edges and 200 auto memory write)
- Usable temperature range : –10°C to +60°C ; +14°F to +140°F
- Tuning steps : 5, 6.25, 8.33*, 9*, 10, 12.5, 15, 20, 25, 30, 50, 100kHz
(* Selectable depending on operating bands.)
- Battery requirement : 2×AA (LR6) Ni-Cd or alkaline cells
- External power supply : 6.0V DC \pm 5% (with BC-136A/D, CP-18A/E)
- Current drain : Rated audio 170mA
(at 3.0V DC; typical) Standby 100mA
Power save 41mA
- Antenna impedance : 50 Ω (SMA)
- Dimensions : 58(W)×86(H)×27(D) mm; 2 $\frac{9}{32}$ (W)×3 $\frac{3}{8}$ (H)×1 $\frac{1}{16}$ (D) in
(projections not included)
- Weight (approx.) : 185g; 6.5oz

RECEIVER

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

Mode	Frequency Range	Sensitivity	Dynamic Range	Spurious Rejection
FM (12dB SINAD)	1.625–4.995MHz	0.32 μ V	5.000–117.995MHz	0.2 μ V
	118.000–246.995MHz	0.18 μ V	247.000–329.995MHz	0.2 μ V
	330.000–469.995MHz	0.18 μ V	470.000–999.995MHz	0.28 μ V
WFM (12dB SINAD)	1000.000–1309.995MHz	0.35 μ V		
	76.000–108.000MHz	0.89 μ V	175.000–221.995MHz	0.71 μ V
	470.000–770.000MHz	1.0 μ V		
AM (10dB S/N)	0.495–4.995MHz	1.3 μ V	5.000–29.995MHz	0.71 μ V
	118.000–136.000MHz	0.56 μ V	222.000–246.995MHz	0.56 μ V
	247.000–329.995MHz	0.71 μ V		
- Selectivity : AM, FM : More than 15kHz/–9dB, Less than 30kHz/–60dB
WFM : More than 150kHz/–6dB
- AF output power (at 3.0V DC): 100mW typ. at 10% distortion with an 8 Ω load
- External SP connector : 3-conductor 3.5 (d) mm (1/8") /8 Ω

Supplied accessories

*depending on version

- Ni-Cd cells*
- AC adapter*
- Handstrap
- Antenna
- Belt clip

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

OPTIONS

- **BC-149A/D WALL CHARGER**
6V DC, 1A output AC adapter.
- **CP-18A/E CIGARETTE LIGHTER CABLE**
6V DC, 2A output from 12V cigarette lighter socket.
- **AD-92SMA ANTENNA CONNECTOR ADAPTER**
Allows you to connect a BNC-type antenna.
- **HP-4 HEADPHONE**
Light weight monaural headphone.
- **LC-146A CARRYING CASE**
Helps protect the transceiver from scratches, etc.
- **SP-13 EARPHONE**
Provides clear audio even in noisy environments.
- **CS-R5 CLONING SOFTWARE**
+ **OPC-478 CLONING CABLE** (RS-232C cable) /
OPC-478U CLONING CABLE (USB cable)
Use a PC to easily edit stored memory channel data.
- **OPC-474 CLONING CABLE**
Used for receiver-to-receiver data cloning.

BC-149A/D



CP-18A/E



AD-92SMA



HP-4



LC-146A



SP-13



OPC-478U



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Certificate Number Q14190

Icom Inc. (Japan), is an ISO9001
certification acquired company.

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