

ICOM

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.



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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 (R6) Ni-Cd or alkaline cells
- External power supply : 6.0V DC ±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 : 50Ω (SMA)
- Dimensions : 58(W)×86(H)×27(D) mm; 2<sup>9</sup>/<sub>32</sub>(W)×3<sup>3</sup>/<sub>8</sub>(H)×1<sup>1</sup>/<sub>16</sub>(D) in  
(projections not included)
- Weight (approx.) : 185g; 6.5oz

Supplied accessories

\*depending on version

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

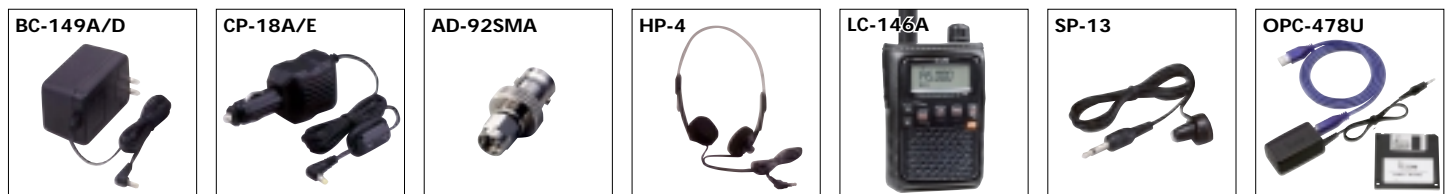
RECEIVER

- Receiver system : Triple conversion superheterodyne
- Intermediate frequencies : 1st 266.7MHz, 2nd 19.65MHz, 3rd 450kHz
- Sensitivity (except spurious points; typical):  
FM 1.625–4.995MHz 0.32μV 5.000–117.995MHz 0.2μV  
(12dB SINAD) 118.000–246.995MHz 0.18μV 247.000–329.995MHz 0.2μV  
330.000–469.995MHz 0.18μV 470.000–999.995MHz 0.28μV  
1000.000–1309.995MHz 0.35μV  
WFM 76.000–108.000MHz 0.89μV 175.000–221.995MHz 0.71μV  
(12dB SINAD) 470.000–770.000MHz 1.0μV  
AM 0.495–4.995MHz 1.3μV 5.000–29.995MHz 0.71μV  
(10dB S/N) 118.000–136.000MHz 0.56μV 222.000–246.995MHz 0.56μV  
247.000–329.995MHz 0.71μV
- 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 8Ω load
- External SP connector : 3-conductor 3.5 (d) mm (1/8") /8Ω

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.



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Certificate Number Q14190

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

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