

 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.



Icom Inc.

WIDEBAND



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; 2⁹/₃₂(W)×3³/₈(H)×1¹/₁₆(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):
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

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.



Icom Inc.

1-1-32, Kamiminami, Hirano-ku, Osaka 547-0003, Japan Phone: 06 6793 5302 Fax: 06 6793 0013 URL: <http://www.icom.co.jp/world/index.html>

Count on us!

Icom America Inc.

<Corporate Headquarters>
2380 116th Avenue N.E., Bellevue, WA 98004, U.S.A.
Phone: (425) 454-8155 Fax: (425) 454-1509
URL : <http://www.icomamerica.com>
<Customer Service> Phone : (425) 454-7619

Icom Canada

Glenwood Centre #150-6165 Highway 17,
Delta, B.C., V4K 5B8, Canada
Phone: (604) 952-4266 Fax: (604) 952-0090
URL : <http://www.icomcanada.com>

Icom (Australia) Pty. Ltd.

A.B.N. 88 006 092 575
290-294 Albert Street, Brunswick, Victoria, 3056, Australia
Phone: 03 9387 0666 Fax: 03 9387 0022
URL : <http://www.icom.net.au>

Icom New Zealand

146A Harris Road, East Tamaki, Auckland, New Zealand
Phone: 09 274 4062 Fax: 09 274 4708
URL : <http://www.icom.co.nz>

Icom (Europe) GmbH

Communication Equipment
Himmelgeister Str. 100, D-40225 Düsseldorf, Germany
Phone: 0211 346047 Fax: 0211 333639
URL : <http://www.icomeurope.com>

Icom Spain S.L.

Ctra. de Gracia a Manresa Km. 14,750
08190 Sant Cugat del Valles Barcelona, SPAIN
Phone: (93) 590 26 70 Fax: (93) 589 04 46
URL : <http://www.icomspain.com>

Icom (UK) Ltd.

Unit 9, Sea St., Herne Bay, Kent, CT6 8LD, U.K.
Phone: 01227 741741 Fax: 01227 741742
URL : <http://www.icomuk.co.uk>

Icom France S.a

Zac de la Plaine, Rue Brindejanc des Moulins
BP 5804, 31505 Toulouse Cedex, France
Phone: 561 36 03 03 Fax: 561 36 03 00
URL : <http://www.icom-france.com>

Asia Icom Inc.

6F No. 68, Sec. 1 Cheng-Teh Road,
Taipei, Taiwan, R.O.C.
Phone: (02) 2559 1899 Fax: (02) 2559 1874
URL : <http://www.asia-icom.com>

Beijing Icom Ltd.

1305, Wanshang Plaza, Shijingshan Road,
Beijing, China
Phone: (010) 6866 6337 Fax: (010) 6866 3553



Certificate Number Q14190

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

Your local distributor/dealer: