



LPD FM TRANSCEIVER

IC-4088E

Simplicity, Quality and Reliability You Can Count on!

- 69 channels and 38 group codes
- Diversified range of use from family recreation to light commercial use
- External DC power jack for charging
- High-performance antenna allows for greater communication reliability
- Enhanced conversation privacy with built-in voice scrambler
- Economical 3 alkaline cells can be used, with an ultra long 65 hours use possible
- 'Smart-ring' and 'Call-ring', plus Time-out-timer function
- Splash resistant construction for outdoor use



Icom Inc.

SPECIFICATIONS

- Number of channels : 69 (simplex; 433.075–434.775MHz)
- Mode : FM (F3E)
- Frequency stability : $\pm 2.5\text{kHz}$, $\pm 5.7\text{ppm}$
- Frequency resolution : 25kHz
- Battery requirements : 3 \times AA(R6) alkaline or dry cells ; or optional BP-202
- External power supply : 6.0V DC $\pm 5\%$ (with BC-149D, CP-18E)
- Current drain (at 4.5V DC) : Less than 140mA
- Operating temperature range : -10°C to $+55^{\circ}\text{C}$
- Number of CTCSS frequencies : 38 (67.0–250.3Hz)
- Weight : 200g (includes 3 alkaline cells)
- Output power : 10mW
- External microphone connector : 3-conductor 2.5 (d) mm/2.2k Ω
- Sensitivity (12dB SINAD) : Less than 0.2 μV ; $-14\text{dB}\mu\text{V}$
- Audio output power : More than 100mW at 10% distortion with an 8 Ω load
- External SP connector : 3-conductor 3.5 (d) mm/8 Ω
- Battery life (Tx:Rx:Standby=1:1:8) :

Battery type	Battery life
3 alkaline cells	approx. 65 hrs.
Optional BP-202	approx. 20 hrs.

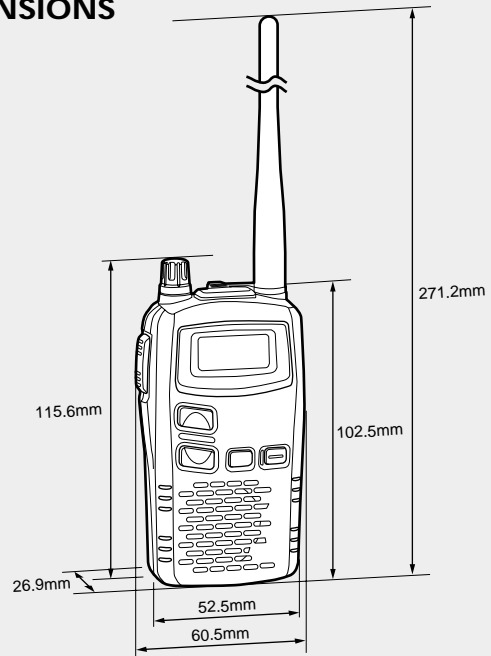
- Communication range* (approx.) : Up to 2km (Wide, open space)

* Communication range may differ depending on weather conditions, etc.

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

* Simple licence is required in some countries. Voice scrambler not available in some countries.

DIMENSIONS



OPTIONS

BP-202 Ni-Cd BATTERY CELL ASSEMBLY



Install into the battery cell space in the transceiver.
3.6V/700mAh

BC-149D WALL CHARGER



6V DC, 1A output AC adapter. Charges the BP-202, while operating the radio.

CP-18E CIGARETTE LIGHTER CABLE



6V DC, 2A output from 12V cigarette lighter socket with internal DC-DC converter.

BC-119N DESKTOP CHARGER + BC-145D/UK AC ADAPTER + AD-105 CHARGER ADAPTER



Rapidly charges installed Ni-Cd battery cell assembly, BP-202. The charger adapter and the AC adapter supplied with the BC-119N depending on version. Charging time: 75 to 85 min.

SPEAKER-MICROPHONES



- HM-46** : Compact and lightweight. Equipped with an earphone jack.
- HM-75A** : Allows you to remotely select operating channels, etc.
- HM-131** : Durable body. Equipped with an earphone jack and revolving clip.
- HM-128** : Light weight and compact earphone-microphone with PTT switch that clips to your lapel.

HEADSETS



- HS-51** : For hands-free operation. Includes VOX, PTT and "one-touch" PTT with a time-out timer.
- VS-1** : PTT/VOX unit. Required when using the HS-94, HS-95 and HS-97 with the transceiver.
- HS-94** : Earhook headset with flexible boom microphone.
- HS-95** : Behind-the-head headset with flexible boom microphone.
- HS-97** : Throat microphone fits around your neck and picks up speech vibration.

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 Brindejenc des Moulinais
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

Your local distributor/dealer:



Certificate Number Q14190

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