



FRS FM TRANSCEIVER

# IC-4088A

## Professional Quality in Personal Communications

- High-performance antenna extends communication range and quality
- 14 FRS channels and 38 group codes
- Enhanced conversation privacy with built-in voice scrambler
- Convenient rechargeable Ni-Cd battery and rapid charger available
- Charge and use at the same time either at home or in the car with select options
- Wide selection of optional professional headsets and microphones available
- Splash resistant construction for outdoor use (Equivalent to JIS Grade 4 Water Resistance)



Icom Inc.

## SPECIFICATIONS

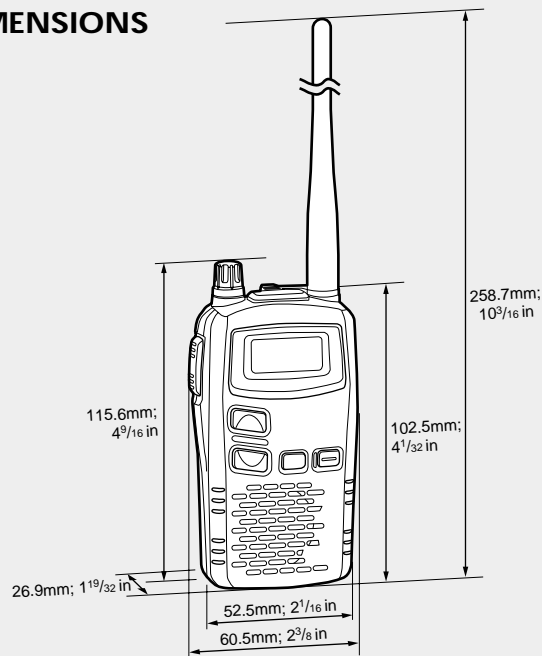
- Number of channels : 14 (simplex; 462.5625–467.7125MHz)
- Mode : FM (F3E)
- Frequency stability :  $\pm 1.7\text{kHz}$ ,  $\pm 4.0\text{ppm}$
- Frequency resolution : 12.5kHz (channel spacing 25kHz)
- Battery requirements : 3  $\times$  AA(R6) alkaline cells ;  
or optional BP-202
- External power supply : 6.0V DC  $\pm 5\%$  (with BC-149A or CP-18A)
- Current drain (at 4.5V DC) : Less than 500mA
- Operating temperature range :  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ ;  $+14^{\circ}\text{F}$  to  $+122^{\circ}\text{F}$
- Number of CTCSS frequencies : 38 (67.0–250.3Hz)
- Weight : 200g; 7oz (includes 3 alkaline cells)
- Output power : Less than 500mW ERP
- External microphone connector : 3-conductor 2.5 (d) mm/2.2k $\Omega$
- Sensitivity (at 12dB SINAD) : 0.158 $\mu\text{V}$  typical
- Audio output power : More than 100mW  
at 10% distortion with an 8 $\Omega$  load
- External SP connector : 3-conductor 3.5 (d) mm/8 $\Omega$
- Battery life (Tx:Rx:Standby=1:1:8) :

Battery type	Battery life
3 alkaline cells	approx. 28 hrs.
Optional BP-202	approx. 10 hrs.

- Communication range\* : 2 miles (approx.; Wide, open space)
- \* Communication range may differ depending on weather conditions, etc.

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

## DIMENSIONS



## OPTIONS

## BP-202 Ni-Cd BATTERY CELL ASSEMBLY



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

## BC-149A WALL CHARGER



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

## CP-18A CIGARETTE LIGHTER CABLE



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

## BC-119N DESKTOP CHARGER + BC-145A 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 and EARPHONE-MICROPHONE



- 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-85** : 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 comfortably.

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, 1, Rue Brindejonc des Moulinais  
BP 5804, 31505 Toulouse Cedex, France  
Phone: (33) 5 61 36 03 03 Fax: (33) 5 61 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  
URL : <http://www.bjicom.com>



Certificate Number Q14190

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

Your local distributor/dealer: