



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

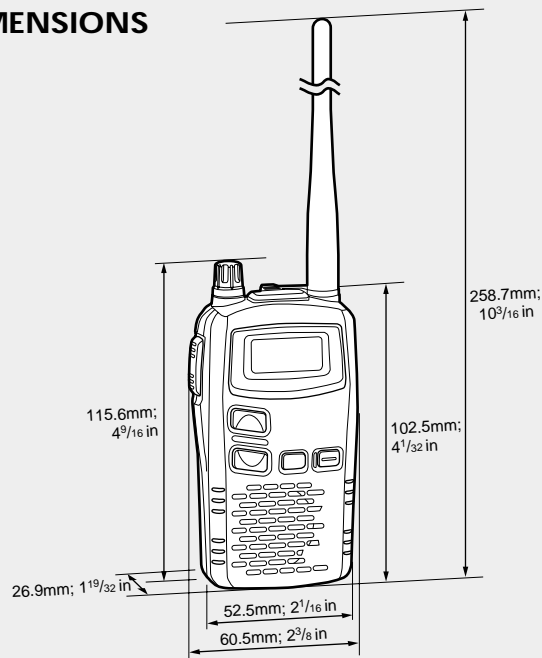
- Number of channels : 14 (simplex; 462.5625–467.7125MHz)
- Mode : FM (F3E)
- Frequency stability : $\pm 1.7\text{kHz}$, $\pm 4.0\text{ppm}$
- Frequency resolution : 12.5kHz (channel spacing 25kHz)
- Battery requirements : 3 \times AA(R6) alkaline cells ;
or optional BP-202
- External power supply : 6.0V DC $\pm 5\%$ (with BC-149A or CP-18A)
- Current drain (at 4.5V DC) : Less than 500mA
- Operating temperature range : -10°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 Ω
- Sensitivity (at 12dB SINAD) : 0.158 μV typical
- 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. 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



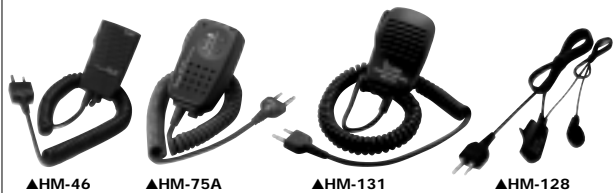
6V DC, 2A output from 12V cigarette lighter socket with internal DC-DC converter.

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.

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Certificate Number Q14190

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

Your local distributor/dealer: