

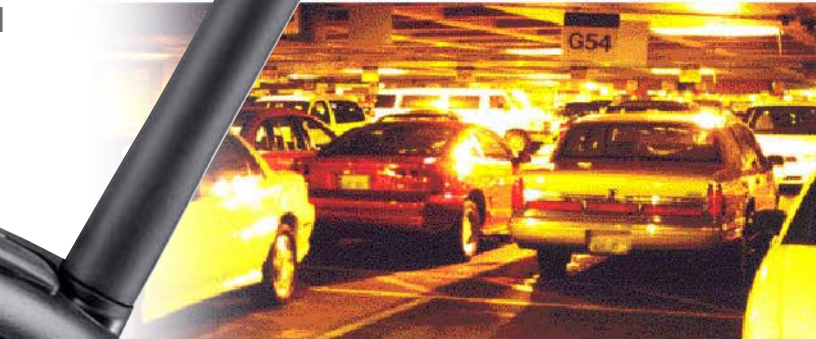


FRS FM TRANSCEIVER

IC-4088A

Professional Quality in Personal Communications

- Compact short antenna and reliable communication range
- 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 : ± 2.5 ppm
- Frequency resolution : 12.5kHz
- Channel spacing : 25kHz
- Battery requirements : 3 \times AA(LR6) 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 Temp. range : -20°C to $+50^{\circ}\text{C}$; -4°F to $+122^{\circ}\text{F}$
- Number of CTCSS Freq. : 38 (67.0–250.3Hz)
- Weight (approx.) : 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.

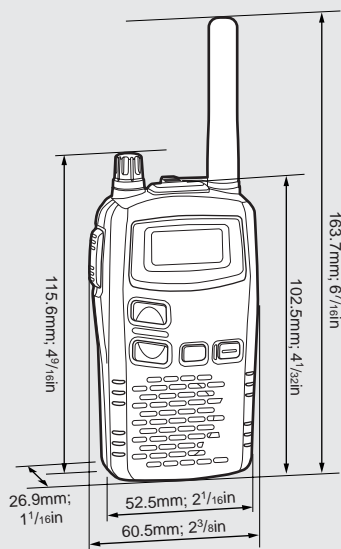
- Communication range* : 2 miles (approx.; Wide, open space)
- * Communication range may differ depending on weather conditions, etc.

Applicable U.S. Military Specifications

Icom makes rugged products that meet MIL-STD requirements and strict environmental standards as follows.

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Proc.	Method	Proc.	Method	Proc.	Method	Proc.
Low Pressure	500.1	I	500.2	I, II	500.3	I, II	500.4	I, II
High Temp.	501.1	I	501.2	I, II	501.3	I, II	501.4	I, II
Low Temp.	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II
Temp. Shock	503.1	I	503.2	I	503.3	I	503.4	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, II
Humidity	507.1	I, II	507.2	II, III	507.3	II, III	507.4	-
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	-
Dust	510.1	I	510.2	I	510.3	I	510.4	I
Vibration	514.2	VIII, X	514.3	I	514.4	I	514.5	I
Shock	516.2	I, II, V	516.3	I, IV	516.4	I, IV	516.5	I, IV

DIMENSIONS



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

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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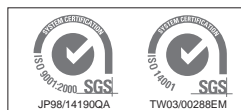
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Icom Inc. (Japan), is an ISO 9001 and ISO 14001 certification acquired company.

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