



UHF TRANSCEIVER

IC-F21GM

Personal Communications with More Features, Power and Range!

- **GMRS** General Mobile Radio Service – simple license required
Including 7 channels shared with **FRS** Family Radio Service channels

A better communications solution

Perfect for sportsmen, families, clubs, hobbies, boating, camping, fishing, hunting – wherever you go where you need more power than a typical FRS radio offers.

Keep in touch for free – no cell phone fees!

Keep all your associates in touch instantly without the interruption of a public address system and complication of a cell phone.

8× more power than standard FRS (at maximum power)

Get a full 4 watts when you need it. Increase the range of your transmissions outdoors up to 5 Plus miles*, while the repeater function can be extended communication to 25 or more miles*. And indoors where obstacles and walls offer challenges to regular FRS radios. Crystal clear communications in almost any situation.

*Communications range may vary depending on operating environment, weather conditions. Repeater use may require a subscription.

More channels than a standard FRS

With the popularity of FRS, many of those channels are busy. Choose from 15 higher power GMRS channels to locate a quiet channel for your use. 7 channels are shared with FRS channels. You can also communicate with any FRS radios on these 7 channels.

Simple operation

All channels are pre-programmed internally. You simply select the ones you want and assign to the channel selector. Do it yourself, no programming required by your re-seller.

Operate right out of the box – simple license required

Apply for GMRS on-line at the FCC web site. Complete instructions included in the box. Operate immediately after FCC application*.

* Detail explained in the owner's manual.

Compact body

Measuring only $2\frac{1}{8} \times 5\frac{1}{32} \times 1\frac{15}{32}$ in, the IC-F21GM is truly portable. It's small enough to fit into a pocket. And, since it weight only 10.6 oz.*, you can carry one all day without fatigue or fuss.

* With standard BP-222 Ni-Cd battery pack

Other features

- Adjustable squelch
- Drop-in battery charger included
- Optional speaker mic and VOX headset available
- Optional alkaline or Ni-MH battery pack
- Built-in signaling capability (CTCSS & DTCS)
- Scanning and Tone Find functions
- Wide/narrow capability (12.5 or 25kHz)

Meets
MIL-STD 810



Icom Inc.

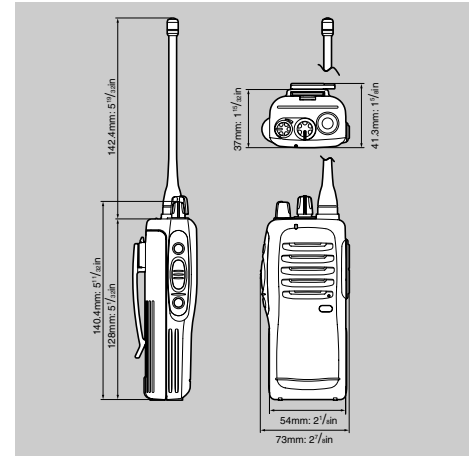
SPECIFICATIONS

- Frequency coverage : 462.550–467.725MHz
- Number of channels : 15
- Power supply requirement : 7.2V DC (negative ground)
- Current drain :
 - Tx High (4W) : 1.6A
 - Low1 (2W) : 1.2A
 - Low2 (1W) : 0.8A
 - Rx Rated audio : 250mA
 - Standby : 70mA
- Operating temperature range :
 - 30°C to +60°C ; –22°F to +140°F
- Dimensions (W×H×D) : 54×128×37 mm
(proj. not included) 2 1/8×5 1/32×1 1/2 in
- Weight (with BP-222) : 300g (10.6oz)
- Output power (at 7.2V DC) : 4W, 2W or 1W
- External mic. connector : 3-conductor 2.5 (d) mm
(1/10")/2.2kΩ
- Audio output power : 500mW (typical at 5%
at 7.2V DC) distortion with an 8Ω load)
- External speaker connector : 2-conductor 3.5 (d) mm
(1/8")/8Ω

Supplied accessories:

- Battery pack; BP-222
- Battery charger; BC-146
- Antenna; FA-SC57U
- Belt clip; MB-68
- AC adapter; BC-147

The IC-F21GM meets MIL-STD requirements and strict environmental standard for shock (MIL 810C, D, E) and vibration (MIL 810C, D, E).



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

OPTIONS

BATTERY PACKS AND CASE

BP-208	BP-209	BP-210	BP-222
AA (R6)	Ni-Cd	Ni-MH	Ni-Cd
batteries × 6	7.2V/1100mAh	7.2V/1650mAh	7.2V/600mAh

BATTERY PACK	OUTPUT POWER	BATTERY LIFE	BATTERY PACK	OUTPUT POWER	BATTERY LIFE
BP-208	1W typ.	—	BP-210	4W typ.	13hours
BP-209	4W typ.	8.5hours	BP-222	4W typ.	4.5hours

Battery life is approx. time; (Tx (Hi): Rx: standby=5:5:90)

BC-146 BATTERY CHARGER

Charges the battery pack, BP-209, BP-210 or BP-222 with/without transceiver in 12, 18.5, 6.5 hours (approx.), respectively. The BC-147 AC ADAPTER and AD-99 COMBINATION SPACER are supplied with the BC-146.

BC-144 DESKTOP CHARGER + BC-145A/E/V AC ADAPTER
 For rapid charging of battery pack, BP-209, BP-210 or BP-222. An AC adapter, BC-145, is supplied with the charger depending on version. Charging time: 1.5 to 2 hours. BC-119 is also available for rapid charging.

BC-121 MULTI-CHARGER + AD-94 (#11) DESKTOP CHARGER ADAPTER + BC-124 AC ADAPTER
 For rapid charging of up to 6 battery packs (Six AD-94s are required), BP-209, BP-210 or BP-222. An AC adapter, BC-124, may be supplied, depending on version. Charging time: 1.5 to 2 hours.

SPEAKER-MICROPHONES

HM-46L: Slim dimensions. Equipped with an earphone jack and a transmit indicator.
HM-75A: Allows you to remotely select operating channel, etc., according to program.
HM-131L: Compact and durable speaker. Equipped with an earphone jack and a revolving clip.

HS-51 HEADSET

For hands-free operation. Includes VOX, PTT and "one-touch" PTT with a time-out timer.

HM-128L EARPHONE-MICROPHONE

Ideal for hands-free operation by clipping the Mic. with PTT switch to your lapel or breast pocket.

MB-74 BELT CLIP

Alligator type. Clips to almost anything in a variety of convenient places. **MB-68** is also available. Same as that supplied.

SP-13 EARPHONE
 Provides clear audio in noisy environment.

FA-SC73US STUBBY ANTENNA
 60mm stubby antenna convenient for carrying in your pocket.

AD-98FSC ANTENNA CONNECTOR ADAPTER
 Allows you to connect a BNC-type antenna. (For maintenance use only)

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