



UHF TRUNKED RADIOS

IC-F40GT

(MT Version with keypad-U.S.A.)

IC-F41GT

(MT Version with keypad-Europe)

IC-F40GS

(MT Version without keypad-U.S.A.)

IC-F41GS

(MT Version without keypad-Europe)

Innovative Voice and Data Communications

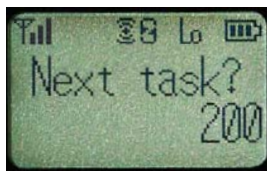
Meets
MIL-STD 810

MPT Trunking

**MPT1327/1343
MAP27**



- Compatible with MPT 1327/1343 Networks
- Short Data Message (SDM)
- 32 Status Messages Capability
- MAP 27 Data Communication Protocol, RS-232C PC Interface
- Large LCD, 2 lines×12 Full-Dot Matrix Characters
- 40 Alphanumeric Phone Lists
- 15 Call Back Memories



Short Data Message Example

- 32 Conventional Channels with CTCSS
- MIL 810 Rugged Construction
- Optional Voice Scrambler Unit, UT-109
- Flash ROM CPU, Firmware Upgrade Capability
- Keypad or Non-Keypad Type Available
- Audio Processor and Compander
- Rewritable System Messages into Other European Languages

Icom Inc.

SPECIFICATIONS

- Frequency coverage : 400-430MHz, 440-480MHz, 450-490MHz (EIA), 480-512MHz (EIA), 480-520MHz (Others)
- Number of channels : 32 (Conventional mode)
- Power supply requirement : 7.2V DC (Icom battery pack)
- Current drain :
 - Tx High : 2.0A
 - Rx AF max. : 300mA
 - Standby : 95mA
- Operating temp. range : -25°C to +55°C (ETS); -22°F to +140°F (EIA)
- Dimensions (WxHxD) (proj. not included) : 54 × 139 × 38 mm ; 2 1/8 × 5 1/2 × 1 1/2 in
- Weight (with BP-210) : 420g (14.8oz)
- Output power (at 7.2V DC) : 4W (Rated output power)
- External mic. connector : 9-pin multi connector / 2.2kΩ
- Audio output power : 500mW (typical at 5% distortion with an 8Ω load)
- External speaker connector: 9-pin multi connector / 8Ω

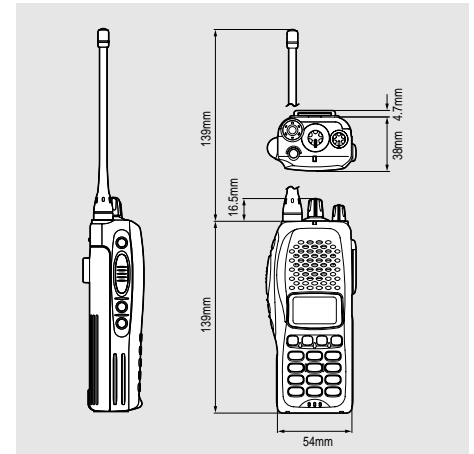
Applicable U.S. Military Specifications

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

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

Supplied accessories:

- Battery pack; BP-210
- Belt clip; MB-68
- Antenna



Measurements made in accordance with EIA-152-C/204D, TIA-603 or EN 300 086. 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 PACKS AND CASE	BP-208	BP-209	BP-210	BP-222
OUTPUT POWER	1W typ.	4W typ.	4W typ.	4W typ.
BATTERY LIFE	-	8.5hours	13hours	4.5hours

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

REGULAR CHARGER



BC-146 DESKTOP CHARGER + BC-147A/E AC ADAPTER
Charges the battery pack, BP-209, BP-210 or BP-222 with/without transceiver in 12, 18.5, 6.5 hours (approx.), respectively. An AC adapter, BC-147, is additionally required.

RAPID CHARGERS



BC-144 DESKTOP CHARGER + BC-145A/E/V/UK AC ADAPTER
For rapid charging of Ni-Cd or Ni-MH battery pack. An AC adapter, BC-145, may be supplied, depending on version. Charging time: 1.5 to 2 hours. BC-119 is also available for rapid charging.
BC-121 MULTI-CHARGER + AD-94 (ver.11) CHARGER ADAPTER + BC-124 AC ADAPTER
For rapid charging of up to 6 pieces of Ni-Cd or Ni-MH battery packs (Six AD-94s are required). An AC adapter, BC-124, may be supplied, depending on version. Charging time: 1.5 to 2 hours.

SPEAKER-MICROPHONES



EM-80: Durable, full-sized microphone with internal speaker. Slim dimensions. Equipped with an earphone jack and a transmit indicator.
EM-89: Flexible boom microphone and rotating earbud with a spring earhook that fits for left and right ears. Provides clear communications even when wearing helmets. (VOX is available with future upgrade.)
HM-131SC: Compact and durable body. Equipped with an earphone jack and a revolving clip.

HS-94 EARHOOK-HEADSET + VS-15C PTT CASE



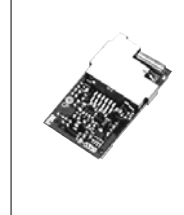
Flexible boom microphone and rotating earbud with a spring earhook that fits for left and right ears. Provides clear communications even when wearing helmets. (VOX is available with future upgrade.)

OPC-966 INTERFACE CABLE



RS-232C interface cable for connecting with PC. Used for data communication or PC cloning.

UT-109 VOICE SCRAMBLER UNIT



Provides operating privacy by scrambling signals.

- SP-13 EARPHONE + AD-52 EARPHONE ADAPTER**
Provides clear audio even in noisy environments.
- FA-SC73US STUBBY ANTENNA**
60mm stubby antenna. Freq. range: 450-490MHz
- AD-98FSC ANTENNA CONNECTOR ADAPTER**
Allows you to connect a BNC-type antenna. (For maintenance use only)
- MB-74 BELT CLIP**
Alligator type clip.
- MB-68 BELT CLIP**
Same as that supplied.

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 Brindejone des Moulins
BP 5804, 31505 Toulouse Cedex, France
Phone: 561 36 03 03 Fax: 561 36 00 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

Your local distributor/dealer:



Certificate Number Q14190

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