



UHF TRUNKED RADIOS

IC-F43GT

(MT Version with keypad-General)

IC-F44GT

(MT Version with keypad-Europe)

IC-F43GS

(MT Version without keypad-General)

IC-F44GS

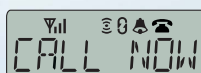
(MT Version without keypad-Europe)

All of the basic MPT features plus Icom's advanced portable radio technology

MPT Trunking
MPT1327/1343

■ MPT features

- Individual call, group call, enhanced group call, priority call, TEL/PABX call
- 32 status message capability



- Up to 24-character short data messages
- Divert own call and divert 3rd party call
- 15 call back memories
- 40 phone memory banks
- One touch short dialing
- Red emergency button for emergency call
- Dynamic regrouping capability
- DTMF memory
- Automatic transmit power selection (MPT mode only)

■ Conventional features

- Talk around function for out of service areas
- 32 conventional channels with CTCSS tone

■ Other outstanding features

- 13 hours* of operating time with supplied Lithium-Ion battery pack, BP-232N
(*Typical operation with Tx:Rx:Stand-by=5:5:90)
- Compact and light weight*
(*53(W)×120(H)×37(D) mm. 340g, including BP-232N)
- MIL-STD rugged construction
- Optional voice scrambler unit, UT-109 for secure conversation
- Built-in audio compander provides clear audio
- Power on password
- 400-470MHz wideband coverage
- Programmable 12.5/20/25kHz channel spacing (Depending on version)
- Simple non-keypad version available



IC-F43GT
(Keypad version)



IC-F43GS
(Non-keypad version)

SPECIFICATIONS

- Frequency coverage : 400–470MHz
450–512MHz (F43GS only)
- Channel spacing : 12.5/20/25kHz (Europe)
12.5/25kHz (General)
- Number of channels : 32 (Conventional mode)
- Power supply requirement : 7.2V DC
- Current drain :
Tx High 1.7A
Rx AF max. 300mA
Standby 85mA
- Operating temp. range : –25°C to +55°C (Europe)
–30°C to +60°C (General)
- Dimensions (W×H×D) : 53×120×37 mm
(projections not included)
- Weight (approx.) : 340g (with BP-232N)
- Output power (at 7.2V DC) : 4W
- Spurious emissions : 0.25μW (≤1GHz, Europe)
70dB typ (General)
- Adjacent channel power : 70/60dB min (Wide/Nar)
- Sensitivity (at 12dB SINAD) : –4dBμ typ. (emf, Europe)
0.25μV typ. (General)
- Adjacent channel selectivity : 73/63dB typ. (W/N, Europe)
75/65dB typ. (W/N, General)
- Spurious response : 70dB
- Intermodulation : 67dB typ. (Europe)
74dB typ. (General)
- Audio output power : 500mW (typical at 5%
distortion with an 8Ω load)

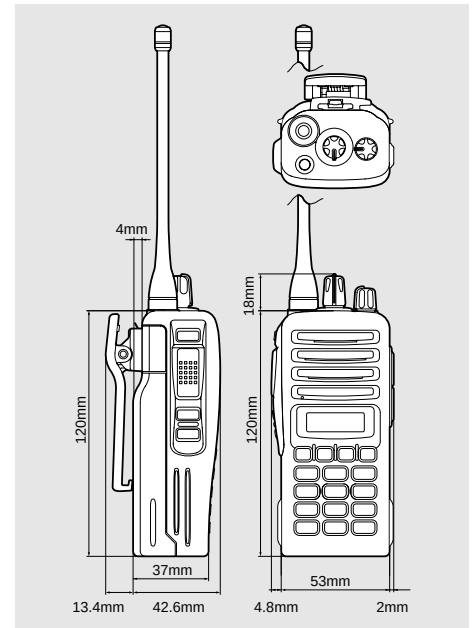
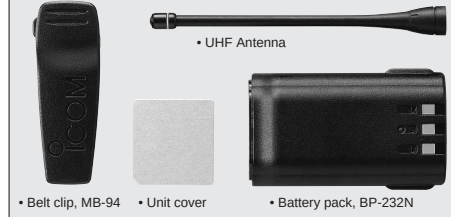
Measurements made in accordance with EN 300-086 for Europe or EIA-152-C/204D for General version.
All stated specifications are subject to change without notice or obligation.

Applicable U.S. Military Specifications

Icom makes rugged products that have been tested to and passed the following MIL-STD requirements and strict environmental standards.

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

SUPPLIED ACCESSORIES (May differ according to version)



OPTIONS



BP-230N 7.4V/980mAh Li-Ion BATTERY PACK
Provides 6.5 hours operating time (approx.).

BP-232N 7.4V/2000mAh Li-Ion BATTERY PACK
Provides 13 hours operating time (approx.).

BP-240 BATTERY CASE
Battery case for AAA (LR03)×6 alkaline cells.
(Tx (Hi): Rx: standby=5:5:90, Power save on at 20°C.)

RAPID CHARGER



BC-160 DESKTOP CHARGER + BC-145 AC ADAPTER

Charges the BP-232N in 3 hours (approx.).

BC-119N + AD-106 + BC-145 is also available.



BC-121N MULTI-CHARGER + AD-106 CHARGER ADAPTER + BC-157 AC ADAPTER

Rapidly charges up to 6 battery packs (Six AD-106s are required). Charging time: 3 hours (approx.) when BP-232N is attached.

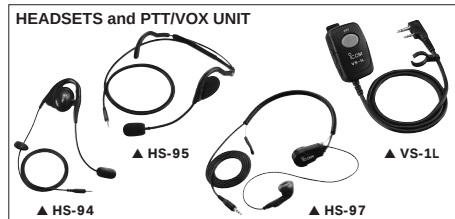
POWER SUPPLY CABLES



CP-17L : Cigarette lighter cable for use with BC-160 or BC-119N.

OPC-515L : Power supply cable for use with BC-160 or BC-119N.

OPC-656 : Power supply cable for use with BC-121N.



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 and picks up speech vibration.

VS-1L : PTT/VOX unit. Required when using these headsets with the radio.

SPEAKER-MICROPHONES



HM-153L : Durable earphone-microphone with plug screw connector.

HM-158L : Compact and durable body with plug screw connector.

HM-159L : Full size durable speaker microphone with noise canceller and plug screw connector.

HM-166L : Light weight and compact lapel-microphone with revolving clip.

VOICE SCRAMBLER UNIT



UT-109

Provides operating security.
UT-109 : Non rolling type. (#02)

STUBBY ANTENNA

FA-SC73US : 450–490MHz, 60mm

CUT ANTENNA

FA-SC61UC : 380–520MHz

STANDARD ANTENNAS

FA-SC25U : 400–430MHz

FA-SC57U : 430–470MHz

BELT CLIPS

MB-93 : Swivel type belt clip.

MB-94 : Alligator type. Same as supplied.

MB-96N : Swivel type belt hanger.

MB-96F : Fixed type belt hanger.

EARPHONE

SP-13 : Provides clear audio in noisy environments.

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