



LAND MOBILE RADIOS

IC-F30LT

VHF transceiver with display

IC-F30

VHF transceiver without display

IC-F40LT

UHF transceiver with display

IC-F40

UHF transceiver without display

Tough performers for the land mobile market.

The land mobile environment is as demanding as it is unforgiving. When you go to work, take a radio you can count on for performance and reliability, day in and day out — the F30/F40 series land mobile portables. Because, in the real world, only the bottom line counts.

Rugged, dependable, construction

- Polycarbonate casing
- One-piece, die-cast aluminum frame
- Durable, screw-type antenna
- Meets MIL Std. 810C and 810D



Up to 7 dealer-programmable switches and keys

(3 keys only for the IC-F30/IC-F40 without an optional UT-82)

The following functions can be programmed:

- Monitor
- Priority A/B
- Transmit power
- Lock override
- Re-dial
- Memory channel enter
- Custom programmable function
- Talk around
- Bank
- Scan
- DTMF
- Emergency



Numerous features yet simple to operate

These versatile radios are capable of providing all the functions you need in a land mobile portable with operation that is surprisingly simple.

Wide/Narrow switchable

Either wide or narrow channel spacing can be programmed into individual channels. And in some cases, the programmed spacing can be manually switched.

- Alphanumeric display
- 3 dealer-programmable output powers
- Programmable emergency function sends an emergency call at the push of a switch
- Passcode function, remote operation inhibit control and remote monitoring for increased security and safety
- 99 channels or 16 channels x 6 "banks" (16 channels for the IC-F30/IC-F40)
- CTCSS and DTCS signaling are standard



icom inc.



SPECIFICATIONS

- Frequency coverage (Rx and Tx)*
 - IC-F30LT/IC-F30 : 136-150 MHz
146-174 MHz
 - IC-F40LT/IC-F40 : 400-430 MHz
430-470 MHz
470-520 MHz

*Varies according to version.
- Channel spacing : 25 kHz, 30 kHz
- Usable temperature range : -30°C to +60°C
(-22°F to +140°F)
- Output power : 5 W (high) and dealer programmable low powers
- Spurious emissions : 70 dB
- Frequency stability : $\pm 0.0005\%$
- Sensitivity : 0.35 μ V
for 12 dB SINAD
- Adjacent channel selectivity : 70 dB
- Spurious response : 70 dB
- Audio output power : 500 mW

- Current consumption
 - Receive : 55 mA (standby)
450 mA (max. audio)
 - Transmit : 2.5 A (5 W)

Measurements made in accordance with EIA-204D and EIA-152C.

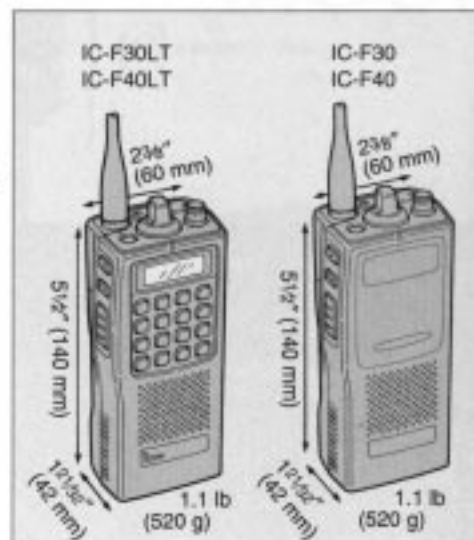
All stated specifications are subject to change without notice or obligation.

INTRINSICALLY SAFE TYPE APPROVAL



There are versions that conform to intrinsically safe ratings of the FMPC (Factory Mutual Research Corporation). Ask your Icom Dealer for details.

Intrinsically safe: Class I, II, III, Division 1, Groups C, D, E, F, G
Nonincendive : Class I, Division 2, Groups A, B, C, D
Connected battery pack: CM-141



OPTIONS

Some options may not be available due to local regulations.

- **BC-119** DESKTOP CHARGER
+ **AD-67** DESKTOP CHARGER ADAPTER
For rapid charging a battery pack. An AC adapter is supplied with the charger. Charging time: 2 hrs.
- **BC-121** MULTI-CHARGER + **AD-67** DESKTOP CHARGER ADAPTER
For charging up to 6 batteries simultaneously. An AC adapter may be supplied depending on version. Six AD-67's are necessary. Charging time: 2 hrs.
- **BM-97** DESKTOP CHARGER
For regular charging of battery packs. An AC adapter is supplied with the charger. Charging time: 15 hrs.
- **CM-140/CM-141** Ni-Cd BATTERY PACKS
7.2 V/1400 mAh—CM-140 for regular use, CM-141 for intrinsically safe use.
- **CM-142** Ni-MH BATTERY PACK
7.2 V/1600 mAh for extended use.
- **EM-81** SPEAKER-MICROPHONE
Provides convenient, lightweight operation while hanging the transceiver on your belt, etc.
- **MB-54** CHARGER MOUNT BRACKET
Allows you to secure the BM-97 DESKTOP CHARGER inside a vehicle. A strap is supplied to support the transceiver during charging.
- **UT-80** 2-TONE UNIT
Provides 2-tone capability.
- **UT-82** DTMF KEYPAD
For the IC-F30 or IC-F40. Both manual and memory DTMF transmission are available. Also adds 4 dealer-programmable keys.
- **UT-96** 5-TONE UNIT
Provides 2-tone decode capabilities via PC programming depending on version (wide/narrow switchable versions only).
- **UT-105** SmarTrunk II™ Logic Board*
Provides SmarTrunk II™ capabilities for the IC-F30LT or IC-F40LT.
*SmarTrunk is a trademark of SmarTrunk System Inc.



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