



## 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 : ±0.0005%
- Sensitivity : 0.35 μV  
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.

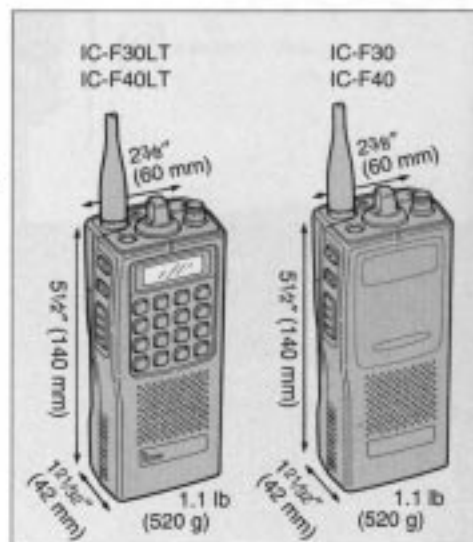
**All stated specifications are subject to change without notice or obligation.**

**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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