



## Tough PMR portables that get the job done.

Successful business demands good communications. The private mobile radio market is full of products that promise high performance and reliability – but few that actually deliver when needed most. Icom's F30/40 series portables do. Day after day....

### Rugged, dependable, construction

- Polycarbonate casing
- One-piece, die-cast aluminum frame
- Durable, screw-type antenna

### Up to 7 dealer-programmable switches and keys

(3 keys only for the IC-f30/ICC-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
- 5-tone call
- Custom programmable function
- Talk around
- Bank
- Scan
- DTMF
- Emergency

### Numerous 5-Tone System

(An optional UT-83 is required for the IC-F30/IC-F40)

- Programmable 5-tone frequencies
- Repeater/ID/Station codes
- Up to 7 tones available
- Status function to display "message" numbers

### 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 6v"banks" (16 channels for the IC-F30/IC-F40)
- CTCSS and DTCS signaling are standard



## SPECIFICATIONS

Frequency coverage (Rx and Tx)*	IC-F30/IC-F30LT	136-150 MHz
	IC-F40/IC-F40LT	146-174 MHz 400-430 MHz 470-520 MHz
	*Varies according to version.	
Channel spacing	12.5, 20, 25 kHz	
Usable temperature range	-30°C to +55°C	
Output power	5 W (high) and dealer programmable low powers	
Spurious emissions	<0.25 µW	
Adjacent channel power	Wide/20 kHz types	70 dB
	Narrow type	60 dB
Frequency error	Wide/20 kHz types	< ± 2.0 kHz
	Narrow type	< ± 1.5 kHz
Sensitivity	0.79 µ V for 20 dB SINAD	
Selectivity	Wide/20 kHz types	> 70 dB
	Narrow type	> 60 dB
Spurious response	> 70 dB	
Audio output power	500 mW	
Current consumption	Receive	55 mA (standby) 450mA (max. audio)
	Transmit	2.5 A (5 W)

Measurements made in accordance with ETS 300086 or CEPT T/R24.

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

## OPTIONS

### **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 hours.

### **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 hours

### **BM97 DESKTOP CHARGER**

For regular charging of battery packs. An AC adapter is supplied with the charger.

Charging time: 1.5 hours

### **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 PACKS**

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 strop 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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**Icom Australia Pty Ltd** (ACN 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>