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Model : IC-F5062

Manufacturer : ICOM

ICOM IC-F5062 - Mobile PMR VHF Transceiver Radio

Announcing the debut of the IC-F5062 mobile transceiver series. This new series, has many attractive features that make it ideal for the commercial radio market including full-dot matrix LCD, detachable front panel, multiple signaling and voice scrambler. In addition to this, the IC-F5062 is the first Icom mobile radio compatible with the 6.25kHz digital mode.

Two versions available

Two transceivers make up this new family of products. The series is divided into the IC-F5062 for VHF and the IC-F6062 for UHF.

Detachable front panel

The optional RMK-3 and separation cable* allows you to detach the front panel from the main unit. This provides a variety of mounting possibilities for the transceiver.

Optional RMK-3 and one of either OPC-607/608/609 are required.

Multi-functional dot matrix LCD

The IC-F5062 incorporates a backlit dot matrix LCD. Up to 24 characters can be displayed with the option of 1 or 2 line display.

Front mounted loud speaker

The IC-F5062 series has a front mounted speaker, which provides loud audio sound during operation.

512 memory channels, 128 memory banks

Up to 512 memory channels can be divided into 128 memory banks that allow you quick access to the intended channel. Each memory channel stores a variety of settings, such as output power, tone frequency, scan list etc. Wide, middle, narrow channel spacing is programmable per channel.

Durable construction

The solid die-cast chassis and polycarbonate front panel are resistant to shock and vibration. The remote control unit has a water resistant construction, equivalent to IP54, providing reliable operation in harsh conditions.

Multiple signalling

The IC-F5062 series has all of the popular signalling systems as standard. 2-Tone, 5-Tone, DTMF, CTCSS, DTCS, BIIS FFSK are all built in.

BIIS 1200 compatible

The following selective calling and data message features are available.

Up to 95-character SDM (Short Data Message)

8 SDM transmit memories (Up to 12-characters each)

24-status messages

Own ID and 7 Group IDs registration

Digital ANI (Automatic Number Identification)

Max. 6 received SDM and message history and max. 3 received call

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history capability

Alphanumeric memories show memory name, instead of calling number

Position data transmission with a GPS receiver

Compatible with Icom UK systems products (RMS, I-LOC & I-Read)

Multiple 2-Tone, 5-Tone signalling

The IC-F5062 series can decode ten 2-Tone codes or eight 5-Tone codes on a channel. When a matched tone is received, many actions are programmable for each code such as beep sounds, bell icons, answer back calls, external out, ringer sound, stun/kill radio, scans and so on. 40 pairs of CTCSS/DTCS memory channels are also available.

6.25kHz digital mode ready

With the optional UT-119H, the IC-F5062 series provides 6.25 kHz digital narrow mode communication which meets the FCC 6.25 kHz emission mask requirements for narrow banding. It increases efficiency of channel allocation and use of spectrum. The IC-F5062 series has one optional slot for the digital unit and one for other optional units. So a two unit combination, such as voice scrambler and digital unit, is possible.

Voice scrambler

The IC-F5062 series has a built-in inversion type voice scrambler. The optional UT-109R/UT-110R are available when a more secure scrambler system is required.

ENHANCED SCANNING FEATURES

New scanning features have been added allowing easier migration from other brand radios to the Icom radio.

Scanning list and scanning type

The IC-F5062 series has 17 scanning list memories. Each scanning list consists of memory channels to be scanned and scanning type setting. Scanning type setting is selectable from 3 types. The voting scanning (one of the scanning type settings) detects the S-meter level of repeater stations and automatically selects the strongest station. Primary scan and secondary scan channels are also programmable.

Slave mode scan

In the normal mode scan, a user can select a scanning list independent to the channel setting. However, in the slave mode setting, the memory channel contains the scanning list selection. When users change the operating channel, the scanning list automatically changes following the channel setting.

A convenient feature that when the user changes an operating channel or moves to a different operating area, they don't have to change the scanning setting.

Tx channel setting

The Tx channel which the radio works when user pushes the PTT button while scanning can be programmable per scanning list. Start channel, last detected channel, priority and pre-programmed channel are selectable. In addition, display setting while scanning is also programmable.

Talk back function

While scanning stops or resumes after a pre-set time, the talk back

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function allows the user to send a message on the channel detected during scanning, prior to the Tx channel setting. The talk back timer beep alerts you of the end of the talk back time with a beep sound. The user can easily make a quick response with this function.

Nuisance delete ... User can temporary skip a busy channel from the scanning list.

Monitor key action ... User can stop a scan when pushing the monitor button.

Other Features

Built in Audio compander

Embedded ESN

D-SUB 25 pin ACC connector.

Ignition sensing line (pig tail)

Microphone hanger action programmable (Scan, monitor, priority channel)

Power on password

Convenient key assign sticker is supplied

HM-152 heavy duty microphone supplied as standard

±1.0ppm frequency stability

Price : £367.61 inc VAT (£312.86 ex VAT)

Availability: This product was added to our catalog on Friday 09 November, 2007