



VHF AND UHF TRANSCEIVERS

IC-F15

(VHF transceiver, rotary type)

IC-F25

(UHF transceiver, rotary type)

IC-F15S

(VHF transceiver, toggle type)

IC-F25S

(UHF transceiver, toggle type)

Built to last, built to work!

- Tough and reliable construction
- Simple operation
- Wide range frequency coverage
- Lithium-ion battery standard
- Built-in CTCSS and DTCS
- Multiple 2-Tone, Multiple 5-Tone
- Optional voice scrambler, man down and DTMF decoder units
- Wide range of accessories available



Icom Inc.

Built to last, built to work!



The IC-F15/S series shows Icom's design. Simple operation for every tool for your daily business. Its resistant to shock and vibration. The IC-F15/S series locks the battery pack to the radio, Li-Ion battery pack, loud and clear, and option unit connector combinations.

Tough and reliable construction

The IC-F15/S series is built around an aluminum die-cast chassis and covered with tough polycarbonate casing. This radio is built to last. Its dual slide rail securely locks the battery to the radio. The battery terminal is covered with a non-corrosive rubber packing. The belt clip is clamped between the radio and the battery, making it nearly impossible to knock loose.

Simple operation

Having only 3 buttons, volume and channel knobs, the IC-F15/S series does not require special training to use. Positive button action for sure operation even when wearing gloves, allows you to get down to the business of communicating without fuss.

Wide frequency coverage

The IC-F15/S series covers a wide frequency range with one version (136–174, 400–470MHz). Wide, middle and narrow channel spacing* is programmable per channel.

(* Programmable 25/12.5kHz or 20/12.5kHz)

VHF TRANSCEIVERS

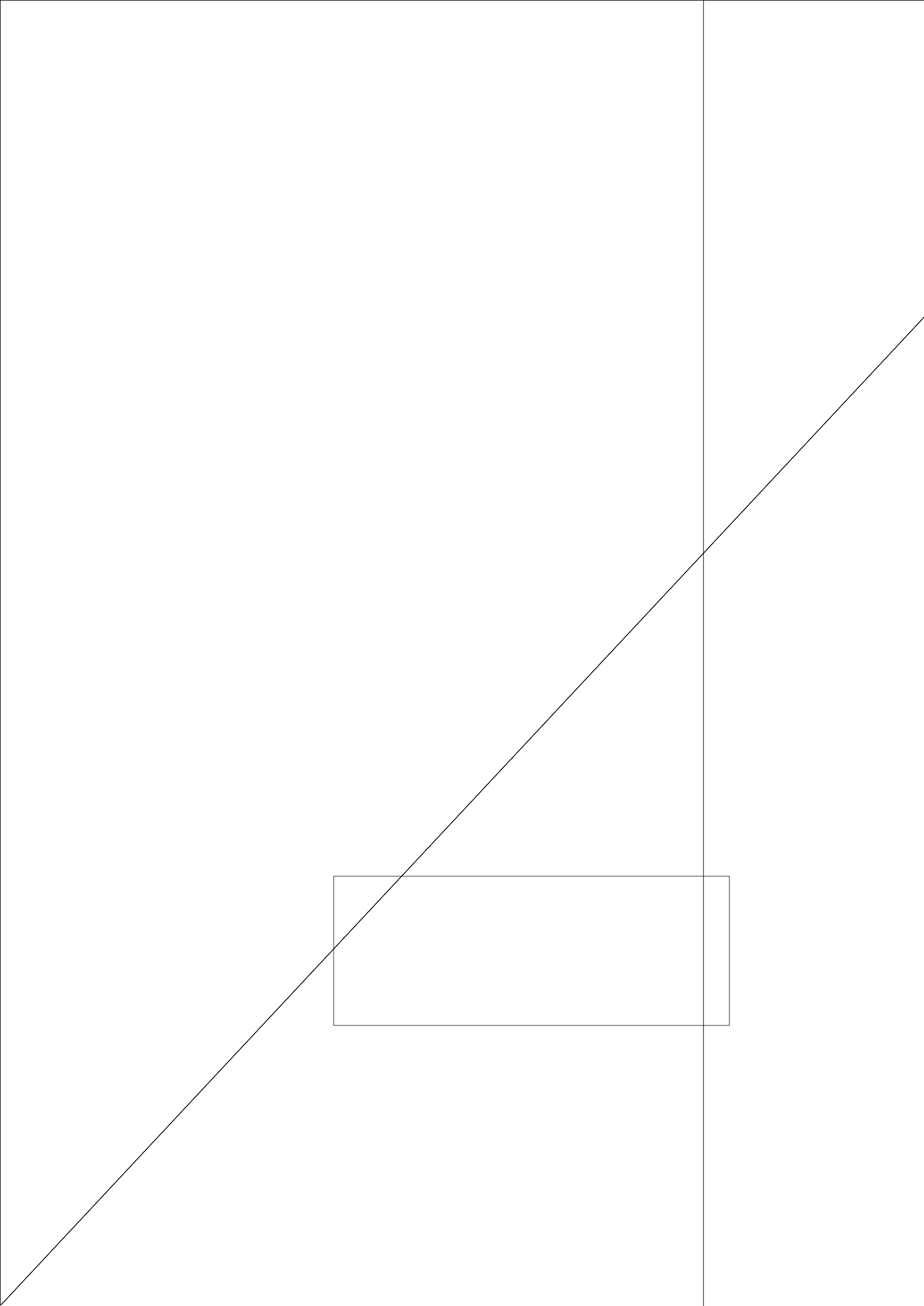
IC-F15

IC-F15S

UHF TRANSCEIVERS

IC-F25

IC-F25S



SPECIFICATIONS

GENERAL	
• Frequency range	: IC-F15/IC-F15S 136–174MHz IC-F25/IC-F25S 400–470MHz
• Number of channels	: 16 (IC-F15, IC-F25) 4 (Max., IC-F15S, IC-F25S)
• Channel spacing	: 12.5kHz/20kHz/25kHz
• PLL channel step	: 2.5kHz, 3.125kHz (VHF) 5kHz, 6.25kHz (UHF)
• Power supply requirement	: 7.2V DC
• Current drain (at 7.2V DC; approx.):	
Transmit VHF (5W)	1.5A
UHF (4W)	1.6A
Receive stand-by	70mA
rated output	300mA
• Antenna impedance	: 50Ω
• Usable temperature range	: –25°C to +55°C
• Dimensions (with BP-231)	: 53 (W) × 120 (H) × 38 (D) mm (projections are not included)
• Weight (approx. with BP-231)	: 260g

TRANSMITTER

• Output power	: 5W (VHF), 4W (UHF)
• Max. frequency deviation	: ±5kHz (Wide) ±4kHz (Middle) ±2.5kHz (Narrow)
• Frequency error	: ±2.5ppm
• Spurious emissions	: 0.25μW (below 1GHz) 1.0μW (above 1GHz)
• Adjacent channel power	: VHF 80dB typ. (Wide, middle) 70dB typ. (Narrow) UHF 75/73/68dB typ. (Wide/middle/narrow)
• Residual modulation (With CCITT filter)	: 55dB typ. (Wide) 53dB typ. (Middle) 50dB typ. (Narrow)
• Audio harmonic distortion	: 3% typ. (AF 1kHz, 40% deviation)
• Modulation limiting	: 60–100% of max. deviation
• External microphone connector	: 3-conductor 2.5 (d) mm / 2.2kΩ

RECEIVER

• Sensitivity	: –4dBμV typ. (emf, at 20dB SINAD)
• Squelch sensitivity	: –4dBμV typ. (emf, at threshold)
• Adjacent channel selectivity	: VHF 75dB typ. (Wide, middle) 65dB typ. (Narrow) UHF 75/73/65dB typ. (Wide, middle, narrow)
• Spurious response	: 70dB
• Intermodulation	: 67dB typ.
• Hum and noise ratio (with CCITT FILTER)	: 55dB typ. (Wide) 53dB typ. (Middle) 50dB typ. (Narrow)
• Audio output power	: 500mW typ. (at 5% distortion with an 8Ω load)
• External speaker connector	: 2-conductor 3.5 (d) mm/8Ω

Measurements made in accordance with EN 300-086.

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

SUPPLIED ACCESSORIES

(May differ according to version)

• VHF Antenna

• UHF Antenna

• Belt clip, MB-94 • Unit cover • Battery pack, BP-231

Icom Inc.

1-1-32, Kamiminami, Hirano-ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013 URL: <http://www.icom.co.jp/world/index.html>

Count on us!

Icom America Inc.

2380 116th Avenue N.E., Bellevue,
WA 98004, U.S.A.
Phone: +1 (425) 454-8155
Fax: +1 (425) 454-1509
E-mail: sales@icomamerica.com
URL: <http://www.icomamerica.com>
<Customer Service> Phone: +1 (425) 454-7619

Icom Canada

Glenwood Centre #150-6165 Highway 17,
Delta, B.C., V4K 5B8, Canada
Phone: +1 (604) 952-4266
Fax: +1 (604) 952-0090
E-mail: info@icomcanada.com
URL: <http://www.icomcanada.com>

Icom (Australia) Pty. Ltd.

A.B.N. 88 006 092 575
290-294 Albert Street, Brunswick,
Victoria, 3056, Australia
Phone: +61 (03) 9387 0666
Fax: +61 (03) 9387 0022
E-mail: sales@icom.net.au
URL: <http://www.icom.net.au>

Icom New Zealand

146A Harris Road, East Tamaki,
Auckland, New Zealand
Phone: +64 (09) 274 4062
Fax: +64 (09) 274 4708
E-mail: inquiries@icom.co.nz
URL: <http://www.icom.co.nz>

Icom (Europe) GmbH

Communication Equipment
Himmelgeister Str. 100,
D-40225 Düsseldorf, Germany
Phone: +49 (0211) 346047
Fax: +49 (0211) 333639
E-mail: info@icomeurope.com
URL: <http://www.icomeurope.com>

Icom Spain S.L.

Ctra. de Gracia a Manresa Km. 14,750
08190 Sant Cugat del Valles Barcelona, Spain
Phone: +34 (93) 590 26 70
Fax: +34 (93) 589 04 46
E-mail: icom@icomspain.com
URL: <http://www.icomspain.com>

Icom (UK) Ltd.

Unit 9, Sea St., Herne Bay,
Kent, CT6 8LD, U.K.
Phone: +44 (01227) 741741
Fax: +44 (01227) 741742
E-mail: info@icomuk.co.uk
URL: <http://www.icomuk.co.uk>

Icom France S.a

Zac de la Plaine, 1,
Rue Brindejonc des Moulins BP 5804,
31505 Toulouse Cedex, France
Phone: +33 (5) 61 36 03 03
Fax: +33 (5) 61 36 03 00
E-mail: icom@icom-france.com
URL: <http://www.icom-france.com>

Icom Polska

Sopot, 3 maja 54, Poland
Phone: +48 (58) 550 7135
Fax: +48 (58) 551 0484
E-mail: icompolska@icompolska.com.pl
URL: <http://www.icompolska.com.pl>

Asia Icom Inc.

6F No. 68, Sec. 1 Cheng-Teh Road,
Taipei, Taiwan, R.O.C.
Phone: +886 (02) 2559 1899
Fax: +886 (02) 2559 1874
E-mail: sales@asia-icom.com
URL: <http://www.asia-icom.com>

Beijing Icom Ltd.

1305, Wanshang Plaza, Shijingshan Road,
Beijing, China
Phone: +86 (010) 6866 6337
Fax: +86 (010) 6866 3553
E-mail: bjicom@bjicom.com
URL: <http://www.bjicom.com>Icom Inc. (Japan), is an ISO 9001 and ISO
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Your local distributor/dealer: