

 ICOM

IC-V3500

144 MHz FM TRANSCEIVER

Go Farther Away Get Louder Audio



- ▶ **65 Watts Output for Long Range Communication**
- ▶ **Modern White Display and Simple Operation**
- ▶ **Instant Volume Loud and Mute Functions**
- ▶ **Emergency Call and Alarm Functions**
- ▶ **4.5 Watts Loud and Clear Audio**



RF Output
65 W

65 W Powerful RF Output Power

The IC-V3500 is a rugged 2 m mobile transceiver providing powerful 65 W* of output power. The output power level is selectable in four steps and the selected power is displayed.
* Output power differs depending on version and specific regulatory requirements.

Modern White Display and Simple Operation

While the IC-V3500 retains a simple user interface despite additional function updates for an easy to use radio. The white LCD backlight offers a better readability suitable for mobile operation. The bottom of the display indicates the available functions of the front panel buttons directly below the display.

4.5 W Loud and Clear Audio Output

The IC-V3500 provides class-leading 4.5 W loud audio from the built-in speaker. By improving the frequency response of the speaker and increasing opening slit, the voice is clearly audible and easy to hear.

Instant Volume Loud and Mute Functions

You can temporarily change the volume to a preset level with a simple operation. It can be used as a One-touch mute function by preset volume to zero.

Emergency Call and Alert Functions

In the case of an emergency, the emergency call function alternatively sends an emergency beep and hot microphone audio to let the receiver to know that an emergency has occurred. At the same time, an emergency alarm sounds from the IC-V3500 speaker to notify the people around you of your existence and situation.

Countermeasures against Counterfeit Products



The "3D GENUINE Icom label" and "QR Code Genuineness Determination System" are attached for proof of authentication. Check the Icom website for details https://www.icomjapan.com/explore/genuine_info/

And More...

- A total of 207 memory channels with 6 character channel name
- VHF marine channel mode and foghorn functions* (* Depending on version)
- Built-in CTCSS and DTCS encoder/decoder for repeater access
- Dynamic bank link scan function scans all memory channels in the selected banks
- Tough construction to pass the MIL-STD 810 G specifications
- Up to 16 DTMF autodial memory channels
- Free download PC programming software, CS-V3500 (https://www.icomjapan.com/support/firmware_driver/)
- Priority watch function
- Wide/narrow channel setting • Power supply voltage display
- Most of functions are programmable from remote-control microphone

Features described above refers to EXP version. Some functions may not available with SAU version.

SPECIFICATIONS

GENERAL	
Frequency coverage EXP version	136-174 MHz* (* Working range) 144-148 MHz* (*Guaranteed range)
SAU version	137.0625, 137.2000, 137.6375, 137.6625, 137.7375 MHz
Number of memory channels EXP version	207 channels (including 1 call and 6 scan edges)
SAU version	5 channels
Type of emission	F2D, F3E (FM)
Frequency stability	±3 ppm
Power supply requirement	13.8 V DC ±15%
Current drain (approximate)	
Tx 65 W	11 A
Rx Max. audio/Stand-by	1.5 A/0.4 A
Antenna impedance	50 Ω (SO-239)
Operating temperature range	-10°C to +60°C
Dimensions (W × H × D; Projections not included)	140 × 40 × 118 mm
Weight (approximate)	1.1 kg
TRANSMITTER	
Output power (13.8 V DC)	
EXP version	65 W, 25 W, 10 W, 5 W
SAU version	23 W, 10 W, 5 W
Max. frequency deviation	±5.0 kHz/±2.5 kHz (W/N)
Spurious emissions	Less than -60 dBc
Microphone impedance	600 Ω (8-pin modular)
RECEIVER	
Sensitivity (at 12 dB SINAD)	Less than 0.18 μV
Selectivity Wide	More than 6 kHz (at 6 dB) Less than 14 kHz (at 60 dB)
Narrow	More than 3 kHz (at 6 dB) Less than 9 kHz (at 55 dB)
Spurious response	More than 60 dB
Audio output power	4.5 W typ. (10% dist., 4 Ω load)
External speaker connector	2-conductor 3.5 (d) mm (1/8")/4 Ω

All stated specifications are subject to change without notice or obligation. If not specified, specifications described above refers to EXP version. Some specifications may differ in SAU version.

Applicable U.S. Military Specifications

Standard	MIL 810G	
	Method	Procedure
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I-C
Solar Radiation	505.5	I
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D -E and -F.

Supplied Accessories (* Depending on version)

- Remote control mic, HM-133V or Hand mic, HM-154*
- Mounting bracket kit • DC power cable • Spare fuses

OPTIONAL ACCESSORIES

Some options may not be available in some countries. Please ask your dealer for details.

HAND MICROPHONES	MIC EXTENSION CABLE	MICROPHONE ADAPTER	EXTERNAL SPEAKER	OTHER ACCESSORIES
<p>HM-133V Remote control mic.</p> <p>HM-154 Simple hand microphone</p> <p>HM-209 Active noise canceling</p>	<p>OPC-440 5 m, 16.4 ft</p>	<p>OPC-589 8-pin Microphone</p>	<p>SP-35: 2 m, 6.6 ft cable SP-35L: 6 m, 19.7 ft cable</p>	<ul style="list-style-type: none"> • CS-V3500 Programming software for Windows™ PC • OPC-478UC/-1 Programming cable (USB) • OPC-474 Transceiver to transceiver programming cable • OPC-1132, OPC-345 (3 m) • OPC-347 (7 m) DC power cable

Icom and Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries. Windows is a trademark of the Microsoft group of companies.

Icom Inc. 1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

www.icomjapan.com

Icom America Inc.
www.icomamerica.com

Icom (Europe) GmbH
www.icomeurope.com

Icom (Australia) Pty. Ltd.
www.icom.net.au

Icom Canada
www.icomcanada.com

Icom Spain S.L.
www.icomspain.com

Shanghai Icom Ltd.
www.bjicom.com

Icom Brazil
E-mail: sales@icombrazil.com

Icom (UK) Ltd.
www.icomuk.co.uk

Icom France s.a.s.
www.icom-france.com

Your local distributor/dealer: