

### Go Farther Away, Get Louder Audio Now with Black Inverted LCD



#### 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.

#### High-Visible Black Inverted Display for Operational Ease

Whether you are operating during the day or at night, the black inverted display provides improved contrast for enhanced visibility. The display clearly shows available functions and channel information at a glance.

#### Emergency Call and Alert Functions

During emergencies, the emergency call function transmits alternating emergency beeps and live microphone audio to alert the receiver. Simultaneously, the IC-V3500 speaker sounds an alarm to notify people around you.

#### 4.5 W Loud and Clear Audio Output

Class-leading 4.5 W audio output ensures clear, loud reception from the built-in speaker, with enhanced frequency response for excellent voice clarity.



IC-V3500 Black Edition

**OTHER FEATURES**

- Instant Volume Control and Mute Functions
- A total of 207 memory channels with 6-character channel names
- VHF marine channel mode and foghorn functions
- 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 meets MIL-STD-810G
- Programmable remote-control microphone
- Up to 16 DTMF autodial memory channels
- Priority watch function
- Wide/narrow channel setting
- Power supply voltage display

**SPECIFICATIONS**

GENERAL	
Frequency coverage EXP version	TX/RX: 136 ~ 174 MHz (Guaranteed range: 144 ~ 148 MHz)
Number of memory channels	207 channels (including 1 call and 6 scan edges)
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 ~ +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
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
	Narrow
	More than 6 kHz (at 6 dB)
	Less than 14 kHz (at 60 dB)
	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.

**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
Humidity	507.5	II
Vibration	514.6	I
Shock	516.6	I, IV

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

**OPTIONAL ACCESSORIES**

**HAND MICROPHONES**



**HM-133V**  
Remote control microphone



**HM-154**  
Simple hand microphone



**HM-209**  
Active noise canceling

**MIC EXTENSION CABLE**



**OPC-440**  
5 m cable for microphones

**MICROPHONE ADAPTER**



**OPC-589**  
8-pin Microphone

**EXTERNAL SPEAKER**



**SP-35** : 2 m cable  
**SP-35L** : 6 m cable

**OTHER OPTIONS**

- **CS-V3500** Programming software for Windows™ PC
- **OPC-478UC-1/OPC-478UD** Programming cable (USB)
- **OPC-474** Transceiver to transceiver programming cable
- **OPC-1132** 3m DC power cable (FUSE 20 A)
- **OPC-345** 3m DC power cable (FUSE 15 A)

**Supplied accessories:** (\* Depending on version)

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



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