

## ***Tough & Built to Last*** ***Long Lasting Power and Icom Quality***

- ***60 Watts of RF Output Power with Heavy Duty Endurance***
- ***Powerful 4.5W Audio Output Provides Loud and Clear Audio***
- ***Tested to the Latest MIL-STD 810 G Specifications***



**60 Watts**



**Stable 60 W of output power**

The IC-2300H-T can generate 60 W of output power. The rugged aluminum diecast provides effective heat dissipation and keeps RF output even during high duty cycle continuous transmission.

**A total of 207 memory channels**

The IC-2300H-T has a total of 207 memory channels, including 200 regular channels, 6 scan edges and 1 call channel. The channel name is programmable with 6 characters for easy recognition.

**Built-in CTCSS and DTCS encoder/decoder**

The CTCSS and DTCS tones are built-in for quiet stand-by and repeater access. The tone scan function detects the subaudible tone that is used for repeater access. The pocket beep function gives you an audible and visual indicator of an incoming call. The DTCS encoder function (DTCS transmit only) is also available.

**Simple operation**

The IC-2300H-T retains the basic panel layout and its user interface from the IC-2200-T. A 70.6×20 mm LCD display offers a good viewing angle suitable for mobile operation. The bottom of the display indicates the available functions of the front panel buttons directly below the display.

**Multiple scan functions**

The IC-2300H-T supports various scan types for maximum reception and ease of use. The DMS (Dynamic Memory Scan) system allows you to scan selected banks from 10 memory banks by simply adding and deleting bank links.

**Tested to the MIL-STD 810 G specifications**

The IC-2300H-T is built tough to protect from a rough road. It has been tested to and has passed the latest MIL-STD 810 G specifications including shock, vibration and temperature tests.

**And more...**

- Power supply voltage display
- 4.5 W loud audio
- DTMF autodial
- Automatic power off
- Selectable LCD backlight color (amber, yellow and green)
- Selectable squelch delay from short and long
- Squelch attenuator reduces suppression from strong signals
- PC to transceiver and transceiver to transceiver cloning capability (optional cloning software, CS-2300H-T and/or cloning cable required)
- Reduced depth dimensions
- Time-out timer
- Repeater lockout
- S-meter squelch

**SPECIFICATIONS**

GENERAL	
Frequency coverage	TX: 144–147 MHz
Number of channels	207 channels (including 6 scan edges, and 1 call)
Type of emission	F2D, F3E (FM)
Frequency stability	±3 ppm
Power supply requirement	13.8 V DC ±15%
Current drain (approx.)	
Tx 60 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; 14°F to +140°F
Dimensions (W × H × D; Projections not included)	140 × 40 × 162 mm; 5.5 × 1.6 × 6.4 in
Weight (approx.)	1.1 kg; 2.4 lb

All stated specifications are subject to change without notice or obligation

TRANSMITTER	
Output power (at 13.8 V DC)	60 W, 25 W, 10 W, 5 W
Max. frequency deviation	±2.5 kHz
Frequency error	±1.0 ppm
Adjacent channel power	60 dB
Spurious emissions	Less than -70 dBc
Microphone impedance	600Ω (8-pin modular)
RECEIVER	
Intermediate frequencies	46.35 MHz/450 kHz
Sensitivity (at 12 dB SINAD)	Less than 0.18 μV
Selectivity Narrow	More than 3 kHz (at 6 dB) Less than 9 kHz (at 55 dB)
Adjacent channel selectivity	60 dB
Spurious response rejections	More than -70 dB
Audio output power	4.5W (10% DIST. 4 Ω load)
External speaker connector	2-conductor 3.5 (d) mm (1/8")/4Ω

**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\* • Mounting bracket kit
- Microphone hanger\* • DC power cable • Spare fuses

**OPTIONS**

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

**HAND MICROPHONES****MIC EXTENSION CABLE (5 m)****MICROPHONE ADAPTER CABLE (8-pin Microphone)****EXTERNAL SPEAKERS**

- CS-2300H-T CLONING SOFTWARE + OPC-478/OPC-478UC CLONING CABLES  
OPC-478: RS-232C cable; OPC-478UC: USB cable
- OPC-474 CLONING CABLE  
For transceiver to transceiver cloning.
- OPC-1132A, OPC-347 DC POWER CABLES  
OPC-1132A: 3.0 m; OPC-347: 7.0 m

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