

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

- ***65 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***



65 Watts



Stable 65 W of output power*

The IC-2300H can generate 65 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 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 retains the basic panel layout and its user interface from the IC-2200H. A 70.6x20 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 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 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
- Wide/narrow channel setting
- 4.5 W (typical) loud audio
- Reduced depth dimensions
- DTMF autodial
- Time-out timer
- Repeater lockout
- Automatic power off
- S-meter squelch
- Selectable LCD backlight color (amber, yellow and green)
- Weather channel receive and alert function (USA version only)
- Automatic repeater function (USA version only)
- 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 and/or cloning cable required)

SPECIFICATIONS

GENERAL	
Frequency coverage USA version	TX: 144-148 MHz, RX: 136-174 MHz*
EXP version KOR, TPE versions * Guaranteed range	TX/RX: 136-174 MHz* TX/RX: 144-146 MHz TX/RX: 144-148 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 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; 14°F to +140°F
Dimensions (W×H×D); Projections not included)	140×40×162 mm; 5.51×1.57×6.38 in
Weight (approx.)	1.1 kg; 2.43 lb

TRANSMITTER	
Output power* (at 13.8 V DC) KOR version TPE version	65 W, 25 W, 10 W, 5 W 50 W, 25 W, 10 W, 5 W 24 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	
Intermediate frequencies	46.35 MHz/450 kHz
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 rejection	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
Vibration	514.6	I
Shock	516.6	I, IV

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

* Output power differs depending on version and specific regulatory requirements.

Supplied Accessories (* Depending on version)	
• Remote control Mic, HM-133V*	• Mounting bracket kit
• Microphone hanger*	• DC power cable
	• Spare fuses



The "3D GENUINE Icom label" is attached to the bottom of the front panel. Check the Icom website for details: <http://www.icom.co.jp/world/genuine-info/>

OPTIONS

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

HAND MICROPHONES

HM-209
Active noise canceling.

HM-133V
Same as supplied.

HM-154

MIC EXTENSION CABLE (5 m)

OPC-440A

MICROPHONE ADAPTER CABLE (8-pin Microphone)

OPC-589

EXTERNAL SPEAKERS

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

- **CS-2300H 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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