

MARINE HANDHELD UHF RADIO A200U

Ocean one[®]



About this item

INTRODUCTION:

The A200U is a portable marine two-way radio by HZH Marine Group Co., Ltd. It operates in the UHF band (400-480 MHz, extendable to 520 MHz) and features a modern design with stable performance, offering high-quality and easy-to-operate wireless communication solutions.



CHARACTERISTIC:

- UHF Frequency Band (400-480 MHz) · Extendable to 520 MHz
- PC Programmable Settings
- Battery Level Indicator
- English Voice Prompts
- Wide/Narrow Band Switching
- Monitor Weak Signals
- Battery Saver Mode
- Busy Channel Lockout (BCL)
- Low Battery Alert
- CTCSS/DCS Signaling
- High/Low Power Selection
- Emergency Alarm Function
- Squelch Off Feature
- Time-Out Timer (TOT)
- Group Call Capability

SPECIFICATION:

Frequency Range	UHF: 400-480MHz
Channel	16 Channels
Operating Voltage	7.4V
Battery Capacity	4500mAh standard Li-ion I.S. Battery
Dimension (HxWxD)	130x53x35mm
Weight	500g



Disclaimer

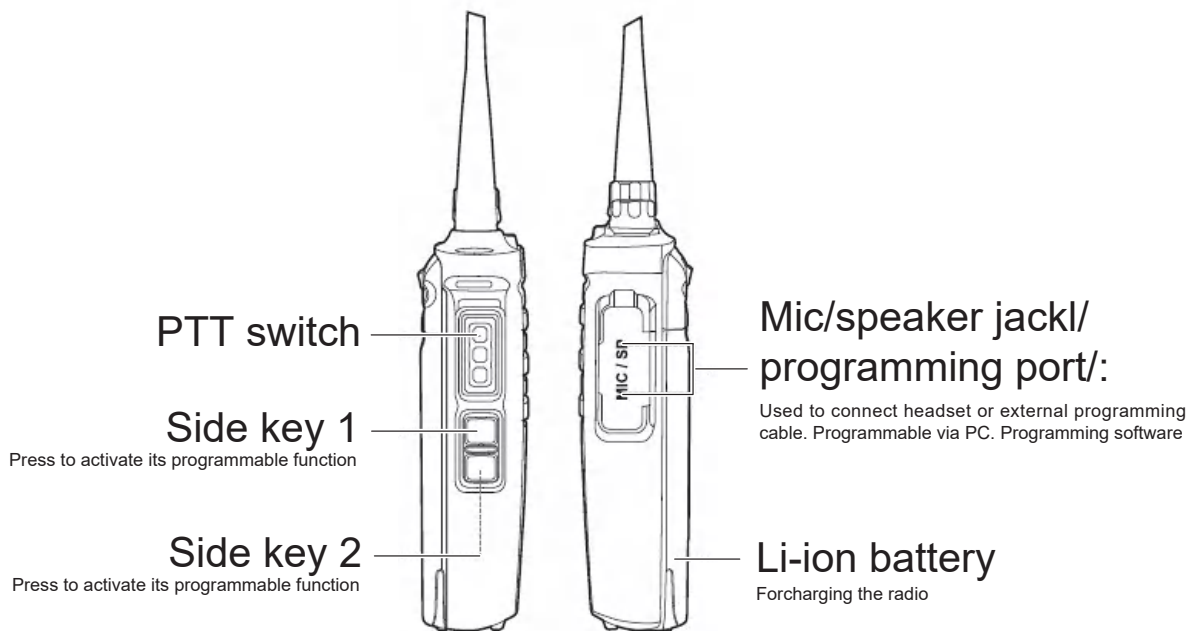
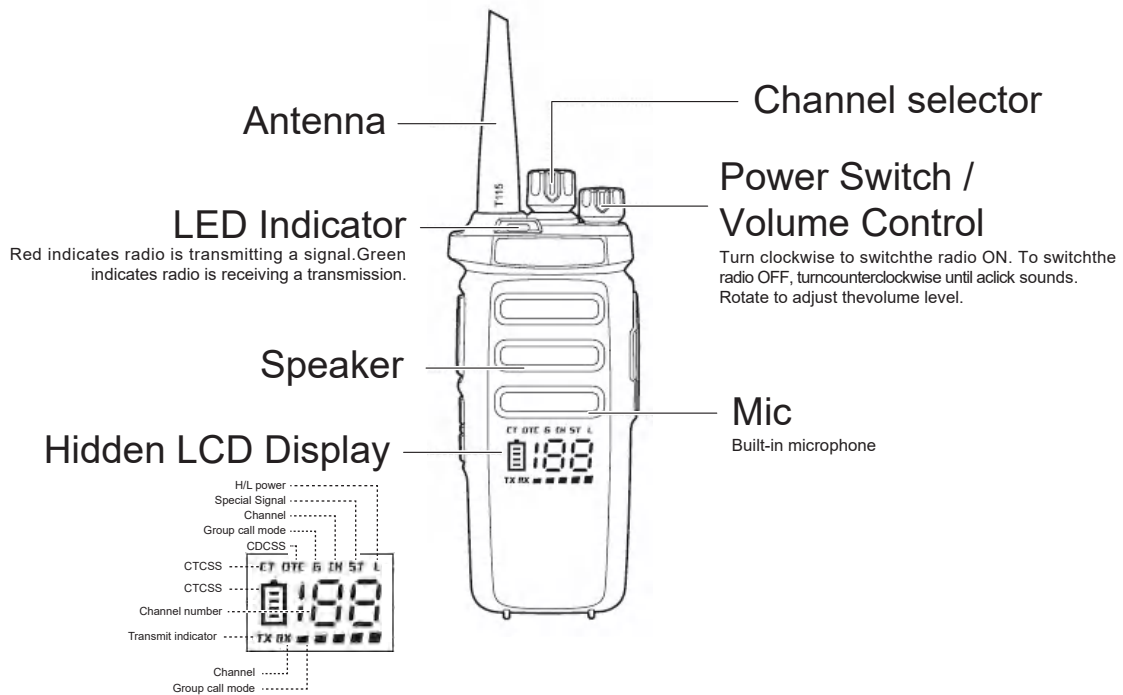
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Stay Connected, Stay Safe

Built for marine professionals, Ocean One radios ensure reliable communication and enhanced safety on every voyage.

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CONTROLS & INDICATORS:



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Technical Specifications:

General Specifications

Frequency Range	UHF: 400-480MHz
Channel	16 Channels
Operating Temperature	-20 C ~+50 C
Operating Voltage	DC7.4V
Frequency Stability	±2.5PPM
Working Mode	Simple or semi-duplex
Antenna Impedance	50Ω
Dimensions(L*W*H)	130*35*53mm
Weight (With antenna and battery)	500G
Antenna Gain (Loaded antenna)	V:1.8dBi U:2.5dBi

Transmitter

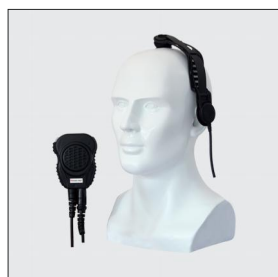
RF Power Output	Max 5Watt
Modulation	16KCF3E/11KCF3E
Max deviation	≤5KHz/≤2.5KHz
Spurious radiation	≤7.5uW
Adjacent channel power	≤-65dB≤-60dB
Pre-emphasis characteristics	6dB
Current	≤1.4A(5W)
CTCSS/DCS deviation	0.5KHz±0.1KHz,0.4KHz±0.1KHz
Intermediation sensitivity	8-20mV
Modulation Distortion	<5%

Receiver

RF Sensitivity	-122dBm(12Db SINAD)
Audio Power	1W
Audio distortion	<5%
Intermediation	≥60dB≥55dB
Selectivity	≥65dB≥60dB
Spurious rejection	≥65dB
Block	≥85dB

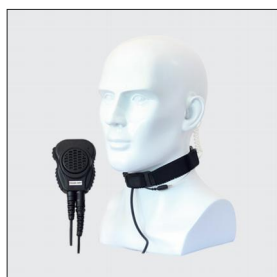
Accessories

NOTE: Supplied package includes: Li-ion battery pack, drop-in charger, belt clip, high-efficiency antenna and quick-start user guide.



Bone conductive skull mic

Bone conductive skull mic with heavy-duty PTT.



Throat mic/earpiece

Throat mic/earpiece with heavy-duty PTT.



Charger

Intelligent rapid charger.



AD/AC Adapter

Universal power adapter, ready to recharge.



Removable back clip

Removable back clip for flexibility.

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