


MARINE HANDHELD UHF RADIO A600DU

Ocean one®

 Intrinsic Safe
ATEX II 2G Ex ib IIB T4 Gb



About this item

INTRODUCTION:

Introducing the Ocean One A600DU, a rugged and reliable handheld radio designed to meet the demanding needs of marine professionals. With its advanced features and superior performance, the A600DU ensures crystal-clear communication in any marine environment.



CHARACTERISTIC:

- High/low power selective
- Monitor function
- Low power alarm
- VOX
- Channel scanning/priority scanning
- Emergency alarm
- TOT
- Talk Around
- Voice prompt
- 32 channels
- SQL
- Wide/narrow bandwidth selectable
- End-tone elimination
- Programmable multifunction key
- Voice encryption
- Dual mode analog and digital

SPECIFICATION:

Frequency Range	UHF: 400-480MHz
Channel	32 Channels
Operating Voltage	7.5V
Battery Capacity	2800mAh standard Li-ion I.S. Battery
Dimension (HxWxD)	122x60x38mm
Weight	258g



Disclaimer

Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

We're Here To Help

Have questions about the services we offer, or enquiries about our product range?

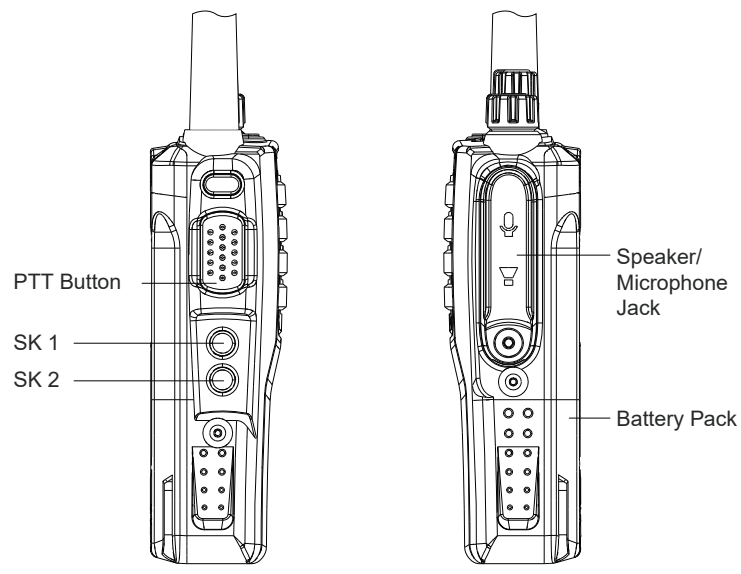
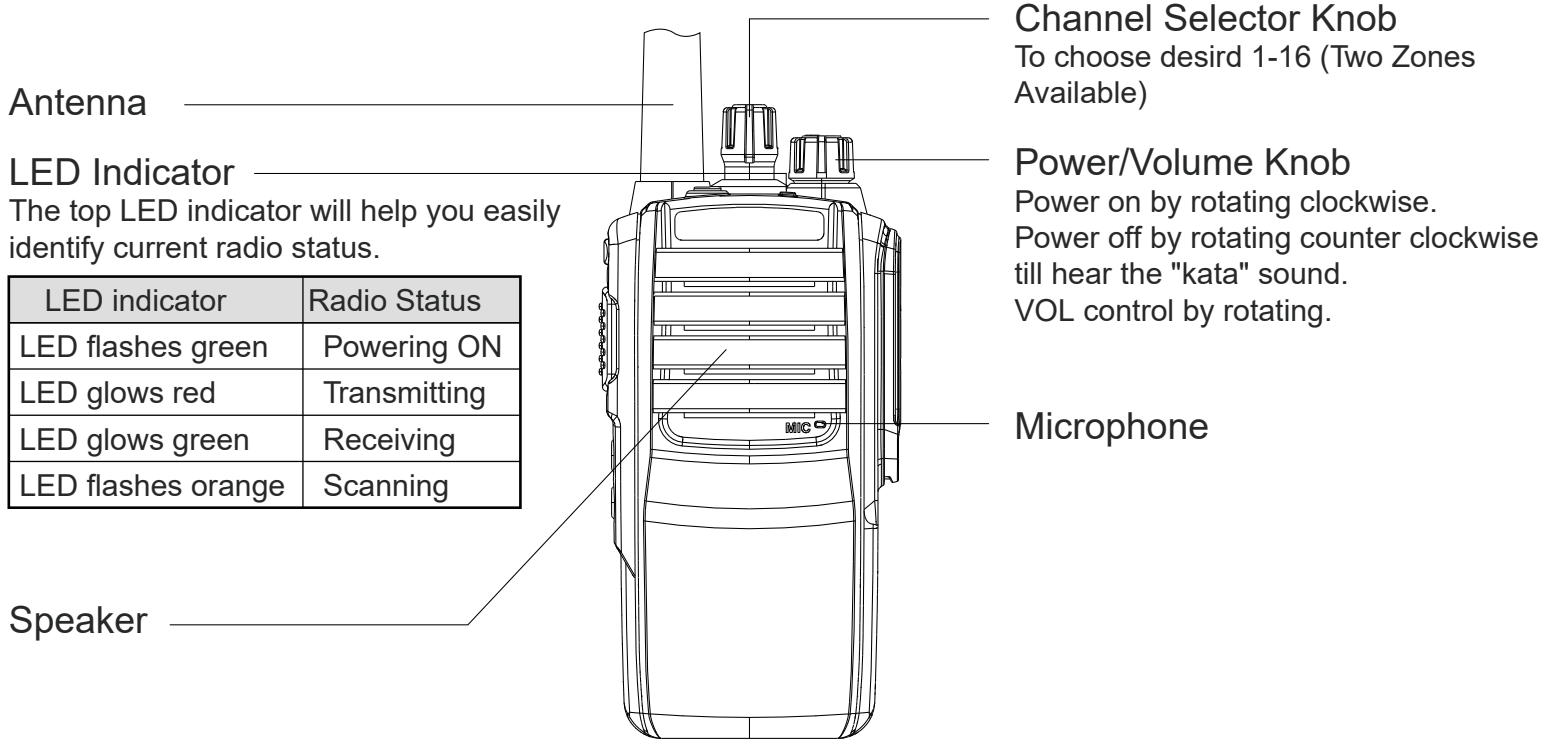
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A600DU Handheld UHF Radio

CONTROLS & INDICATORS:



Program Key 1/2:

1. None	2. Radio Enable
3. Radio Check	4. Radio Disable
5. High/Low Power	6. Monitor
7. Emergency Mode ON	8. Emergency Mode OFF
9. Zone Selection	10. Scan ON/OFF
11. VOX	12. One Access 1
13. One Access 2	14. One Access 3
15. One Access 4	16. One Access 5
17. Bit Error Rate	18. Repeater/Talk Around

NOTE: Program Key 1/2 can be defined the following functions by short/long press.

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Technical Specifications:

General Specifications

Frequency Range	UHF: 400-480MHz
Channel	32 Channels
Channel Spacing	12.5KHz
Operating Voltage	7.5V
Battery Type	Li-ion
Operating Temperature	-30°C +60°C
Store Temperature	-40°C +85°C
Antenna Impedence	50Ω
Audio Output Power	≤1000mW@16Ω
Battery Capacity	2800mAh standard Li-ion I.S. Battery
Dimension (HxWxD)	122×60×38mm
Weight	258g

Transmitter

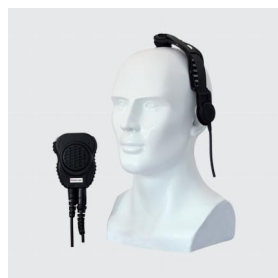
Output Power	High: ≤5W(HI) Low:≤1W(Low)
Frequency Stability	±1.0PPM
Adjacent Channel Power	TDMA: ≤57dBm
Hum and Noise	-40dB@12.5KHz
Spurious Radiation	Antenna: 9KHz-1 GHz ≤-36dBm ; 1GHz-12.75GHz ≤-30dBm
FM Modulation Mode	12.5KHz: 11K0F3E
4FSK Digital Mode	12.5KHz (data only): 7K60FXD 12.5KHz (data +voice): 7K60FXE
Modulation Maximum Deviation	2.5KHz@12.5KHz
Nonactive Slot Power	-57dBm
Digital Protocol	ETSI TS 102 361-1 -2 -3
Vocoder Type	AMBE+2TM
Audio Response	+1dB~-3dB
Modulation BER(Bit Error Rate)	≤5%

Receiver

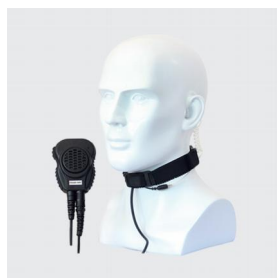
Analog Sensibility	0.35μV/-116dBm (20dB SINDA) 0.22μV/-120dBm (Type)
Digital Sensibility	0.3μV/-117.4dBm (BER 5%) 0.22μV/-110dBm (BER 1%)
Co-channel Rejection	≥12dB
Adjacent Channel Selectivity	TIA603C: 65dB ETSI: 60dB
Spurious Response	TIA603C: 75dB ETSI: 70dB
Rated Audio Power	1W
Audio Response	=1dB~-3dB
Rated Audio Distortion	3% (Type)
Spurious Radiation	Antenna: 9KHz-1GHz ≤-57dBm 1GHz-12.75GHz ≤-47dBm

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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