



OG306

ULTRA-SLIM

Analog Two-Way Radio

-  FM Radio
-  Channel Copy
-  IP54 Protection
-  Long Battery Life
-  Emergency Alarm
-  Bluetooth 5.0*
-  Intelligent Noise Reduction



PRODUCT OVERVIEW

OG306 ultra-slim Analog radio: Its sleek, lightweight design defies expectations while housing powerful performance. It guarantees crystal-clear, resonant voice transmission even in complex environments and long-distance communication, covering a broad effective range. It also features IP54 protection, emergency alarm, Bluetooth connection, and channel copy, etc. Whether for outdoor operations or team coordination, it delivers reliable communication and convenient functionality.





Compact but Modern Design

OG306, with its ultra-slim design of only 16.6mm and extremely tough lines, not only enhances portability but also conforms to modern trends, making it easy for people of all ages and genders to handle. And OG306 is equipped with a toggle channel switch button and a hidden LED matrix display with an integrated screen-off design, ensuring users can clearly see the terminal status, switch channels smoothly and operate normally under the messy lights.



Intelligent Noise Reduction

OG306 is equipped with advanced intelligent noise reduction technology that effectively filters out environmental noise, extracts human voice, and processes audio signals in real time, to guarantee clear and effective communications in any environment.



Outdoor-Friendly

OG306 is an outdoor-friendly radio that supports listening to FM radio. Outdoor enthusiasts such as campers and hikers can listen while moving, easily solving the boredom of outdoor time. Not only that, the reset key can rapidly solve the sudden failure of the radio. It restores basic communication functions without requiring professional maintenance, ensuring outdoor communications remain uninterrupted.



Emergency Alarm

In the event of an emergency or when personal safety is threatened, OG306's emergency alarm function promptly sends high-priority alarm signals and real-time location information to teammates or the command center. It will guide rescue personnel to arrive swiftly, ensuring you are never alone in any dangerous situation.



Channel Copy

OG306 Channel Copy function eliminates the hassle of computer programming. Within seconds of powering on, it can rapidly replicate frequency and establish multi-user communication, with simple and efficient operation that streamlines team coordination.



Bluetooth Connection (Optional)

OG306 supports Bluetooth 5.0, which not only supports connecting Android mobile phone APP for radio Settings, but also supports connecting Bluetooth headphones and other devices for audio transmission and real-time calls.



Long Battery Life

OG306 features a built-in 2200mAh large capacity Lithium battery, providing long-lasting battery life: it can be used continuously for up to 12 hours and has a standby time of up to 25 hours, eliminating frequent charging. Equipped with a mainstream Type-C interface, OG306 supports charging across multiple scenarios, ensuring you can recharge any time during critical tasks or outdoor work. Stay composed and confident, free from any battery anxiety.

GENERAL FUNCTIONS

- VOX
- Reset Key
- APP Programming
- Busy Channel Lockout
- Voice Broadcast
- Battery Saving Mode
- CTCSS/DCS
- Scan/Monitor
- Low Battery Alert

SPECIFICATION

General	
Frequency range	UHF:400-480 MHz
Channel capacity	≤ 125
Zones	1
Channel spacing	12.5KHz/25KHz
Operating voltage	DC 3.8V
Battery capacity	2200mAh
Battery Life (5/5/90)	12 hours
Frequency stability	≤ ± 2.5ppm
Antenna impedance	50 Ω
Dimensions (L × W × H)	52.7 (L) *16.6 (W) *115 (H)mm
Weight	137g (including battery)
Bluetooth (optional)	BT5.0
Transmitter	
RF output power	≤ 2W
Modulation mode	11K φ F3E/16K φ F3E
Modulation Limiting	≤ ± 2.5KHz / ± 5.0KHz
Adjacent channel power	≤ -60dB

Receiver	
Analog sensitivity	≤ -123dBm (12 dB SINAD)
Intermodulation	≥ 60dB(wide)/ 55dB (narrow)
Adjacent channel selectivity	≥ 60dB(wide)/ 55dB (narrow)
Spurious response rejection	≥ 60dB(wide)/ 55dB (narrow)
Rated audio output power	0.5W
Rated audio distortion	≤ 5%
Environmental	
Operating temperature	-20℃—+60℃
Storage temperature	-30℃—+85℃
Shock & Vibration	MIL-STD-810C/D/E/F Standard

STATEMENT:

1. Due to continuous product improvement, the technical parameters and functional features may not be consistent with the actual product. Please refer to the actual product. If there is any change, we will not notify you separately. Please understand.
2. If you have other questions about this product or the content of this document is not detailed enough, please contact us.

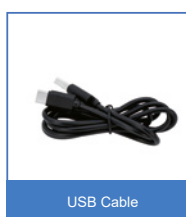
STANDARD ACCESSORIES



Stubby Antenna

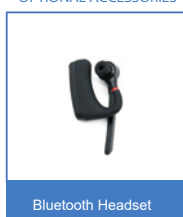


Belt Clip



USB Cable

OPTIONAL ACCESSORIES



Bluetooth Headset

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