



ROVER

ROVER R-5WP WATERPROOF DUAL BAND TWO-WAY RADIO

10W LONG-RANGE UHF/VHF
WALKIE TALKIE



MODEL NO.

R-5WP

COMMUNICATE WITH POWER.
WHEREVER YOU OPERATE.



www.roverwalkietalkie.com



info@roverwalkietalkie.com

ROVER

R-5WP

UHF/VHF TWO-WAY RADIO

PROFESSIONAL COMMUNICATION YOU CAN RELY ON

WATERPROOF
SERIES

BUILT FOR PROFESSIONALS. MADE TO **PERFORM.**

The ROVER R-5WP is a rugged, high-power two-way radio engineered for demanding environments where reliability and durability are critical. With 10W transmission power, dual-band UHF/VHF capability, and waterproof protection, it ensures clear and uninterrupted communication for security teams, construction sites, marine operations, industrial facilities, and more.

Equipped with advanced features and a high-capacity battery, the R-5WP keeps you connected and in control—anytime, anywhere.



WATERPROOF DESIGN

Reliable operation in rain, wet & harsh environments



DUAL BAND UHF/VHF

144–146 MHz (VHF)
430–440 MHz (UHF)
for flexible communication



10W HIGH POWER

Extended range & strong
signal penetration
through obstacles



256 CHANNELS CAPACITY

Efficient team
coordination & organized
communication



3600mAh BATTERY

Long-lasting performance
for extended work
shifts



TECHNICAL SPECIFICATIONS

FEATURES	DESCRIPTION
Product Model	ROVER R-5WP Waterproof Dual Band Two-Way Radio
Frequency Bands	VHF 144–146 MHz / UHF 430–440 MHz
Channel Capacity	256 Channels
Output Power	10W
Battery Capacity	3600mAh
Operating Voltage	7.2 VDC
Dimensions	120 × 55 × 33 mm
Weight	235g
Signaling	DTMF Encoding & Decoding, CTCSS, DCS
Display	1.77" Color Display
Additional Features	FM Radio Function, VOX, Emergency Alarm, Dual Display & Dual Standby, PC Programmable
Protection	Waterproof



KEY BENEFITS



Clear Communication
Delivers crisp and understandable voice quality



Fast Team Coordination
Enables instant response & smooth operations



Reduced Miscommunication
Improves workflow and operational efficiency



Professional-Grade Build
Rugged, durable & waterproof for harsh environments



Regulatory Compliance
Meets industry standards for legal and safe operation



Long-Lasting Performance
Reliable operation throughout long work shifts



POWER CONSUMPTION & BATTERY



Transmission Current ≤ 1.3A for strong and reliable signal output



Low-Power Mode Less than 1.0A to reduce battery usage



Standby Current ≤ 0.4A for extended standby time



Dimensions Compact design for long working hours with minimal power loss



TRANSMISSION PERFORMANCE

High Power Output	10W for extended coverage
Low Power Output	Selectable low power for short-range use and battery saving
Modulation Mode	F3E (FM) for clear and stable voice transmission
Frequency Deviation (Wide Band)	≤ 5 kHz for strong signal clarity
Frequency Deviation (Narrow Band)	≤ 2.5 kHz for efficient spectrum usage
Spurious Emission	≤ 7.5 μW to minimize interference
Adjacent Channel Power	65 dB / 60 dB to reduce cross-channel noise



APPLICATIONS AND USE CASE

Security Operations	Guard coordination and patrol communication
Construction Sites	On-site safety and task communication
Marine & Offshore	Reliable communication in marine and offshore environments
Industrial Facilities	Facility management and staff coordination
Logistical & Warehousing	Streamlined operations and team communication
Hotels & Restaurants	Staff coordination and service efficiency
Schools & Colleges	Campus security and operations
Residential Areas	Community communication and safety



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ROVER

R-5WP

UHF/VHF TWO-WAY RADIO

OPERATION & SAFETY GUIDE

Use Your ROVER R-5WP
Safely & Efficiently

WATERPROOF
SERIES



HOW TO USE



POWER ON / OFF

Long press the **Power/Volume Knob** for 3 seconds to turn ON or OFF.



ADJUST VOLUME

Rotate the **Power/Volume Knob** clockwise to increase volume.
Rotate counter-clockwise to decrease.
16 levels available. Level 0 turns the voice OFF.



TRANSMIT & RECEIVE

Press and hold the **PTT Button** to talk.
Release to listen. During transmission LED turns **RED**. During reception LED turns **GREEN**.



SWITCH CHANNELS

Push the **Channel Toggle** up for lower channels, down for higher channels.
Long press to switch channels quickly.



BATTERY & CHARGING



CHARGING



- Charge before first use.
 - Connect the charger to the radio or use the USB charging cradle.
 - Charging indicator:
 - RED Light** – Charging
 - GREEN Light** – Fully Charged
- Full charge takes approximately **4 to 5 Hours**.



BATTERY CARE

- Do not overcharge the battery.
- Unplug the charger once fully charged.
- Store the battery in a cool, dry place.
- Keep away from heat sources and direct sunlight.



BATTERY SAFETY

- Use only the original battery and charger designed for ROVER R-5WP.
- Do not short-circuit the battery.
- Do not dispose of the battery in fire.
- Slight warming during charging is normal.



SMART FEATURES



DUAL STANDBY

Monitor two channels simultaneously



VOX HANDS-FREE

Voice activated transmission



EMERGENCY ALARM

Instant alert for critical situations



CTCSS / DCS

Reduced interference & secure communication



PC PROGRAMMABLE

Easy configuration via software



SECURITY



CONSTRUCTION



MARINE & OFFSHORE



INDUSTRIAL



LOGISTICS

ACCESSORIES INCLUDED

EVERYTHING YOU NEED
TO STAY CONNECTED!

ACCESSORIES INCLUDED

EVERYTHING YOU NEED TO STAY CONNECTED!



WALL CHARGER
(5V Adapter)



BELT CLIP
(Pre-Installed)



R-5WP WALKIE TALKIE
(UHF Two-Way Radio)



EXTRA ANTENNA
(Long Range)



**USB TYPE-C
CHARGING CABLE**



CHARGING DOCK
(Desktop Charger)



WHAT'S IN THE BOX?



1 x R-5WP Walkie Talkie



1 x Wall Charger
(5V Adapter)



1 x Belt Clip
(Pre-Installed)



1 x Extra Antenna
(Long Range)



1 x USB Type-C Charging Cable
(Desktop Charger)



1 x Charging Dock
(Desktop Charger)