ROVER

PROFESSIONAL DUAL BAND TWO-WAY RADIO

DUAL BAND. HIGH POWER. UNSTOPPABLE.

Engineered for professionals who demand clarity, range and reliability.



10W
HIGH POWER OUTPUT

10-30 KM
RANGE IN OPEN AREA

DEPENDING ON ENVIRONMENT

VHF 136-174 MHz
UHF 400-480 MHz
DUAL BAND FREQUENCY

CLEAR AUDIO	DUAL BAND	200 CHANNELS	3200mAh BATTERY	DTMF ENCODING & DECODING	FM RADIO FUNCTION
Powerful & Stable Audio Output	VHF & UHF Operation	High Channel Capacity for Multiple Teams	Long-Lasting Power All Day Long	Advanced Signaling Capability	Stay Informed Anytime

MODEL NO.

RO-30UV

COMMUNICATE WITH POWER.
WHEREVER YOU OPERATE.

www.roverwalkietalkie.com | info@roverwalkietalkie.com

ROVER®

PROFESSIONAL
DUAL BAND
TWO-WAY RADIO
RO-30UV RADIO

MODEL
RO-30UV
DUAL BAND
TWO-WAY RADIO

CLEAR. POWERFUL. RELIABLE.

COMMUNICATION WITHOUT LIMITS.

High performance dual band two-way radio designed for professionals who demand long range, durability and efficiency.



DUAL BAND UHF/VHF | 200 CHANNELS | LONG RANGE COMMUNICATION | DTMF ENCODING & DECODING | 3200mAh BATTERY | FM RADIO FUNCTION

TECHNICAL SPECIFICATIONS

FEATURE	DETAILS
Model	ROVER RO-30UV
Frequency Bands	VHF 136–174 MHz / UHF 400–480 MHz
Channel Capacity	200 Channels
Output Power	10W
Battery Capacity	3200mAh
Operating Voltage	7.4 VDC
Dimensions	121 × 59 × 34 mm
Weight	225g
Signaling	DTMF Encoding & Decoding
FM Radio Function	Yes
Frequency Stability	±2.5 ppm
Operating Temperature	-10°C to +60°C
Antenna Impedance	50Ω
Modulation Type	16K0F3E / 11K0F3E
Spurious Emission	≤ -60 dB
Audio Output Power	≥ 1W
Audio Distortion	≤ 5%
Adjacent Channel Power	≥ 65 dB
Current Consumption	≤ 1.6A (High Power) / ≤ 350mA (Standby)

POWER & PERFORMANCE

Output Power	**10W High Power** Strong & stable transmission
Operating Range	**10–30 KM in Open Area** Depending on environment
Battery Capacity	**3200mAh Li-ion Battery** Long-lasting performance
Operating Voltage	**7.4 VDC** Stable & efficient performance
Channel Capacity	**200 Channels** Organized communication
FM Radio Function	Stay informed anytime

ADVANCED FEATURES

- **Dual Band Operation (VHF 136–174 MHz / UHF 400–480 MHz)**
  Flexible communication across multiple environments
- **DTMF Encoding & Decoding**
  Advanced signaling for secure & controlled communication
- **200 Channel Capacity**
  High channel capacity for multiple teams & departments
- **FM Radio Function**
  Additional FM radio for convenience
- **Compact & Lightweight Design**
  Easy to carry and operate during long shifts
- **Stable Performance**
  Consistent & reliable communication in demanding conditions

KEY BENEFITS

- **Dual Band UHF/VHF Operation**
  Supports versatile communication needs
- **10W High Power Output**
  Long range & strong signal penetration
- **200 Channels**
  Organized communication for multiple teams
- **3200mAh Battery**
  Extended usage time for long shifts
- **DTMF Encoding & Decoding**
  Secure & efficient communication
- **FM Radio Function**
  Added convenience during standby

ADVANCED TECHNOLOGY

- **RF Architecture**
  Advanced design for clarity & stability
- **Dual-Band Frequency**
  VHF 136–174 MHz
  UHF 400–480 MHz
- **Communication Flexibility**
  Optimized for terrain & operational needs
- **DTMF Signaling**
  Selective calling, remote control & better management
- **10W Transmission Power**
  Strong & stable signal output

OPERATIONAL EFFICIENCY

- **Real-Time Communication**
  Instant communication & reduced decision delays
- **Structured Channel Management**
  Dedicated channels for different teams
- **User-Friendly Interface**
  Easy to use with minimal training
- **FM Radio Function**
  Enhances usability
- **Improved Productivity**
  Enhances coordination & efficiency

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ROVER

MODEL

RO-30UV

DUAL BAND TWO-WAY RADIO

VHF 136-174 MHz / UHF 400-480 MHz

OPERATION & SAFETY GUIDE

Use Your ROVER RO-30UV Safely & Efficiently Everywhere, Every Time.



DUAL BAND VHF/UHF | 200 CHANNELS | LONG RANGE COMMUNICATION | DTMF ENCODING & DECODING | 3200mAh BATTERY | FM RADIO FUNCTION

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.

IMPORTANT SAFETY

- **DO NOT** use the radio in explosive environments such as gas, dust, smoke, or near flammable materials.
- **TURN OFF** the radio when filling fuel or while at a petrol station.
- **DO NOT** open or modify the radio. Maintenance must be performed by **qualified technicians.**
- **DO NOT** use the radio with a damaged antenna. Touching it may cause burns.
- **KEEP** the radio away from airbags. Do not place it in the airbag deployment area.
- **KEEP at least 5 cm distance** between the antenna and your body while transmitting.

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 RO-30UV.
- Do not short-circuit the battery.
- Do not dispose of the battery in fire.
- Slight warming during charging is normal.

SMART FEATURES

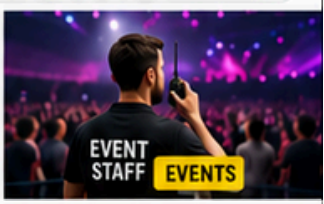
- **200 CHANNELS** – Organized Communication for Multiple Teams
- **DTMF ENCODING & DECODING** – Secure & Efficient Communication
- **3200mAh BATTERY** – Long-Lasting Power All Day Long
- **DUAL BAND VHF/UHF** – Flexible Communication Across Environments
- **CLEAR & LOUD AUDIO** – Powerful Output for Clear Voice











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ROVER

USER MANUAL GUIDE

RO-30UV

DUAL BAND TWO-WAY RADIO

STAY CONNECTED.
STAY AHEAD.

Built for clarity.
Engineered for reliability.
Here's what powers your communication.



FRONT VIEW

SIDE VIEW (PTT SIDE)



SIDE VIEW (PORT SIDE)



BACK VIEW



KEY FEATURES

1. **Antenna**
   Transmits and receives radio signals for clear communication.
2. **Channel & Volume Knob**
   Rotate to switch channels and adjust the volume.
3. **Indicator**
   Shows the working status such as transmit, receive and battery.
4. **Speaker**
   Delivers clear and loud audio.
5. **Microphone**
   Captures your voice for crisp and clear transmission.
6. **LCD Display**
   Shows frequency, channel, and other radio information.
7. **Function Buttons**
   Use F, ▲/▼ and A/B to navigate and switch modes.
8. **Keypad**
   Enter frequencies and access all radio functions quickly.
9. **PTT Button (Push-To-Talk)**
   Press and hold to transmit your voice.
10. **Upper Side Button**
    Programmable button (Scan / Monitor / Custom).
11. **Lower Side Button**
    Programmable button (Scan / Monitor / Custom).
12. **MIC/SP Port**
    The jack provides connection points for microphone audio, earphone audio, speaker and program cable.
13. **Battery Pack**
    High capacity battery for long-lasting performance.
14. **Charging Contacts**
    Connects to charging dock for easy and safe charging.

SMART DESIGN

BUILT FOR PERFORMANCE

Rover RO-30UV is designed with intuitive controls and durable components to keep you connected wherever you go.

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ACCESSORIES INCLUDED

EVERYTHING YOU NEED TO STAY CONNECTED!

RO-30UV ACCESSORIES INCLUDED

EVERYTHING YOU NEED TO STAY CONNECTED!



WALL CHARGER
(5V Adapter)



BATTERY PACK
(3200mAh Li-ion)



RO-30UV WALKIE TALKIE
(Dual Band Two-Way Radio)



EXTRA ANTENNA
(Long Range)



BELT CLIP
(Pre-Installed)



USB TYPE-C CHARGING CABLE



CHARGING DOCK
(Desktop Charger)



WHAT'S IN THE BOX?



1 x RO-30UV Walkie Talkie
(Dual Band Two-Way Radio)



1 x Battery Pack
(3200mAh Li-ion)



1 x Wall Charger
(5V Adapter)



1 x Extra Antenna
(Long Range)



1 x Belt Clip
(Pre-Installed)



1 x USB Type-C Charging Cable



1 x Charging Dock
(Desktop Charger)

NOTE: *Each retail box contains 1 complete set of accessories along with 1 walkie talkie.*

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