



ROVER

PROFESSIONAL DUAL BAND
TWO-WAY RADIO

**DUAL BAND.
HIGH POWER.
UNSTOPPABLE.**

Engineered for professionals who
demand clarity, range and reliability.



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



**DEPENDENT ON
ENVIRONMENT**



CLEAR AUDIO
Powerful & Stable
Audio Output



DUAL BAND
VHF & UHF
Operation



200 CHANNELS
High Channel Capacity
for Multiple Teams



3200mAh BATTERY
Long-Lasting Power
All Day Long



**DTMF ENCODING
& DECODING**
Advanced Signaling
Capability



**FM RADIO
FUNCTION**
Stay Informed
Anytime

MODEL NO.

RO-30UV

**COMMUNICATE WITH POWER.
WHEREVER YOU OPERATE.**



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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.



**DEPENDENT ON
ENVIRONMENT**

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	 3200mAh Battery Extended usage time for long shifts
 10W High Power Output Long range & strong signal penetration	 DTMF Encoding & Decoding Secure & efficient communication
 200 Channels Organized communication for multiple teams	 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





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

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



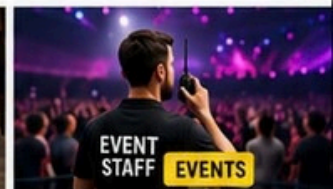
DUAL BAND VHF/UHF

Flexible Communication Across Environments



CLEAR & LOUD AUDIO

Powerful Output for Clear Voice



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.

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.