



ROVER

PROFESSIONAL COMPACT TWO-WAY RADIO

CLEAR. RELIABLE. SECURE.

TDRA
APPROVED



1-2 KM
RANGE

IN OPEN AREA

DUBAI
MARINA

BURJ
AL ARAB



LICENSE FREE

No Extra Cost,
Ready to Use.



128 CHANNELS

Organized Team
Communication.



COMPACT DESIGN
LONG-LASTING BATTERY

Reliable Power.
All Day Long.



1-2 KM RANGE

Strong & Stable
Signal in Open Areas.



TDRA APPROVED

Meets Regulatory
Standards.

MODEL NO.

R-8

PMR 446 Radio

COMMUNICATE WITH POWER.
WHEREVER YOU OPERATE.



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ROVER R-8

UHF TWO-WAY RADIO

PROFESSIONAL COMMUNICATION YOU CAN RELY ON

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

The ROVER R-8 Two-Way Radio is a high-performance walkie talkie built for teams that depend on fast, clear, and uninterrupted communication. Designed for security, commercial environments, and field teams, it delivers strong signal stability, clear audio quality, and reliable performance throughout the day.

With **UHF technology (400-480 MHz)** and **TDRA approval**, the ROVER R-8 meets regulatory standards while ensuring smooth communication in demanding environments such as construction sites, schools, residential communities, restaurants, and maintenance operations.



CLEAR COMMUNICATION

Crisp & Understandable Voice Quality



FAST TEAM COORDINATION

Instant Response & Smooth Operations



PROFESSIONAL GRADE BUILD

Durable, Reliable & Long Lasting



LONG LASTING PERFORMANCE

Built for Extended Working Hours



TECHNICAL SPECIFICATIONS

FEATURES	DESCRIPTION
Product Model	Rover R-8 Professional UHF Two-Way Radio, TDRA Approved
Frequency Range	400 - 480 MHz
Channel Capacity	Supports up to 128 channels for organized team coordination
Antenna Impedance	500 Impedance ensures consistent signal strength
Operating Voltage	4.2V DC (Maximum 4.5V) for safe and stable operation
Working Modes	Same-frequency simplex and different-frequency simplex
Antenna Type	Removable antenna for easy replacement and maintenance
Frequency Stability	± 2.5 ppm for accurate and interference-free transmission
Operating Temperature	-20°C to +40°C
Dimensions	Compact Body: 91 x 61 x 30 mm
Weight	133 g (without antenna)

POWER CONSUMPTION & BATTERY

	Transmission Current	$\leq 1.3A$ for strong and reliable signal output
	Low-Power Mode	0.6A to reduce battery usage
	Standby Consumption	$< 0.4A$ for extended standby time
	Dimensions	Designed for long working hours with minimal power loss

TRANSMISSION PERFORMANCE

High Power Output	$0.5W \pm 0.2W$ for extended coverage
Low Power Output	$0.5W \pm 0.1W$ 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
Stray Radiation Power	$\leq 7.5 \mu W$ to minimize interference
Adjacent Channel Power	65 dB / 60 dB to reduce cross-channel noise



KEY BENEFITS



Clear Communication

Delivers crisp and understandable voice quality



Fast Team Coordination

Enables instant response & smooth operation



Reduced Miscommunication

Improves workflow and operational efficiency



Professional-Grade Build

Suitable for daily commercial and security use



Regulatory Compliance

TDRA approved for legal and safe operation



Long-Lasting Performance

Reliable operation throughout long work shifts



APPLICATIONS AND USE CASE



Security Companies

Guard coordination and patrol communication



Commercial Buildings

Facility management and staff coordination



Construction Sites

On-site safety and task communication



Schools & Colleges

Campus security and operations



Hotels & Restaurants

Staff coordination and service efficiency



Villas & Residential Areas

Reliable communication across large facilities

ROVER R-8

UHF TWO-WAY RADIO

OPERATION & SAFETY GUIDE

Use Your ROVER R-8
Safely & Efficiently

HOW TO USE



POWER ON / OFF

Long press the **Power Button** for 3 seconds to turn ON or OFF.



ADJUST VOLUME

Use **Side Key 1** to increase volume.
Use **Side Key 2** to decrease volume.
10 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 R-8.
- Do not short-circuit the battery.
- Do not dispose of the battery in fire.
- Slight warming during charging is normal.



SMART FEATURES



VOX FUNCTION

Hands-Free Operation with Voice Activation



CHANNEL SCAN

Automatically Finds Active Signals



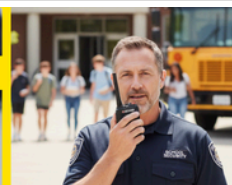
BATTERY SAVING

Automatically Reduces Power Consumption



KEYBOARD LOCK

Long Press Channel Toggle for 2 Seconds to Lock/Unlock



ROVER R-8

UHF TWO-WAY RADIO

KNOW YOUR WALKIE TALKIE

Every Part Matters. Built for Performance.
Here's what powers your communication.

TOP VIEW



SIDE VIEW



BACK VIEW



FRONT VIEW



KEY FEATURES

- 1 Antenna**
Transmits and receives radio signals
- 2 Channel Toggle**
Switch on channel selection
- 3 Power Button**
Turns the radio ON/OFF
- 4 Indicator Light**
Shows the working status of the radio.
- 5 Speaker**
Delivers clear and loud audio
- 6 Microphone**
Captures your voice for transmission
- 7 PTT Button (Push-To-Talk)**
Press and hold to speak.
- 8 Side Buttons**
Programmable for monitoring or scanning
- 9 Display Screen**
Shows channel, battery, and signal status
- 10 Battery Pack**
Powers the radio with long-lasting performance
- 11 Battery Latch**
Securely locks the battery in place.
- 12 Charging Contacts**
Connects to the charger for easy charging.



CONTACT US NOW TO ORDER



SMART DESIGN
SEAMLESS COMMUNICATION

Rover is designed with intuitive control and durable components to keep you connected when it matters most.

ACCESSORIES INCLUDED

EVERYTHING YOU NEED
TO STAY CONNECTED!



WALL CHARGER
(5V Adapter)



BELT CLIP
(Pre-Installed)



R-8 WALKIE TALKIE
(UHF Two-Way Radio)



**USB TYPE-C
CHARGING CABLE**



CHARGING DOCK
(Desktop Charger)



WHAT'S IN THE BOX?



2 x R-8 Walkie Talkie



2 x Wall Charger
(5V Adapter)



2 x Belt Clip
(Pre-Installed)



2 x USB Type-C
Charging Cable



2 x Charging Dock
(Desktop Charger)

NOTE: Each retail box contains 2 complete sets of accessories along with 2 walkie talkies.