



ROVER

PROFESSIONAL COMPACT TWO-WAY RADIO

CLEAR. RELIABLE. SECURE.

TDRA APPROVED • LICENSE-FREE FOR UAE

**TDRA
APPROVED**
PMR446



RANGE

1-2 KM

IN OPEN AREA



LICENSE-FREE

PMR446 - No Paperwork



16 CHANNELS

Organized Team Comms



LI-ION BATTERY

All-Day Operation



VOX + SCRAMBLER

Hands-Free & Secure



TDRA CERTIFIED

UAE Regulatory Approved

MODEL NO.

R-10

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



www.roverwalkietalkie.com



info@roverwalkietalkie.com

MODEL
R-10
PMR446
TWO-WAY RADIO

**CLEAR.
RELIABLE.
SECURE.**
COMMUNICATION
YOU CAN RELY ON.

Professional long-range communication
for demanding business environments.



LICENSE-FREE
PMR446

16

16 CHANNELS



LONG RANGE
COMMUNICATION



VOX
HANDS-FREE



SCRAMBLER
SECURITY



BATTERY SAVE
TECHNOLOGY

TECHNICAL SPECIFICATIONS

FEATURE	DETAILS
Model	ROVER R-10
Frequency Range	PMR446
Channel Capacity	16 Channels
Operating Voltage	3.7V DC
Battery Capacity	1200 mAh
Dimensions	158 x 57 x 33 mm
Operating Temperature	-10°C to +50°C
Antenna	High Gain
Audio Output Power	0.5W
Modulation Type	16KF3E
Frequency Stability	5 ppm
Communication Mode	Simplex
Receiver Sensitivity	≤0.2 μV
Audio Distortion	≤5%
Current Consumption	≤1200mA
Bandwidth	≤16KHz

POWER & PERFORMANCE

	Battery Capacity	1200mAh Li-ion Battery Long-lasting performance
	Audio Output Power	0.5W Loud & Clear Strong & intelligible audio
	Standby Optimization	Battery Save Mode Extended operation time
	Operating Range	Long-Range Communication Stable across large areas
	Temperature Range	-10°C to +50°C Reliable in all conditions

TRANSMISSION PERFORMANCE

✓	PMR446 License-Free Operation	No license required, ready to use
✓	Clear Voice Transmission	Advanced noise filtering for crystal clear audio
✓	Stable Communication	Consistent performance in demanding environments
✓	Up to 16 Channels	Organized team communication & coordination
✓	Secure Communication	Built-in scrambler for private conversations

KEY BENEFITS

	License-Free Operation Immediate deployment without regulatory complexity.		VOX Hands-Free Improves efficiency during operations.
	Long-Range Communication Reliable connectivity across facilities & outdoor sites.		Secure Communication Scrambler prevents unauthorized access.
	Flexible Team Coordination Group communication with 16 channels.		Battery Efficiency Power-saving technology extends usage time.

ADVANCED TECHNOLOGY

	Auto Scan Function Detects active channels instantly.
	CTCSS/DCS Filtering Eliminates interference for clear communication.
	Scrambler Encryption Enhances communication security.
	VOX Technology Hands-free communication for multitasking.

OPERATIONAL EFFICIENCY

	Scan Mode Automatic channel detection.
	Monitor Function Monitor weak or distant signals.
	Squelch Adjustment Noise control tuning.
	Time-Out Timer (TOT) Prevents overheating & excessive transmission.
	Channel Lock Prevent accidental channel changes.

DURABILITY & DESIGN

- ✓ Industrial-grade build for tough environments
- ✓ High-gain antenna for strong signal
- ✓ Compact & ergonomic design
- ✓ Easy-to-use controls for quick operation
- ✓ Built for professionals, engineered to last

IDEAL FOR



Security



Logistics



Hospitality



Construction



ROVER

R-10

PMR446 TWO-WAY RADIO

OPERATION & SAFETY GUIDE

Use Your ROVER R-10
Safely & Efficiently



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 R-10.
- Do not short-circuit the battery.
- Do not dispose of the battery in fire.
- Slight warming during charging is normal.



SMART FEATURES



16 CHANNELS

Organized Communication for Multiple Teams



LONG-RANGE

Stable Communication Across Large Areas



VOX HANDS-FREE

Hands-Free Operation for Active Tasks



SCRAMBLER SECURITY

Built-in Scrambler for Private Communication



BATTERY SAVE

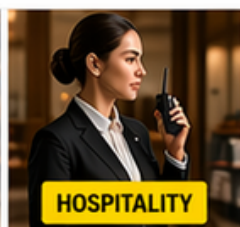
Power-Saving Technology for Longer Operation



SECURITY



LOGISTICS



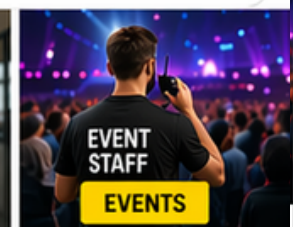
HOSPITALITY



CONSTRUCTION



FACILITY MGMT.



EVENTS



info@roverwalkietalkie.com



www.roverwalkietalkie.com

ROVER

R-10

UHF PMR446 TWO-WAY RADIO

KNOW YOUR WALKIE TALKIE

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

FRONT VIEW



TOP VIEW



SIDE VIEW



ACCESSORY JACK VIEW



BACK VIEW



KEY FEATURES

- 1 Antenna**
Transmits and receives radio signals (PMR446 UHF band).
- 2 Indicator LED Light**
Red when transmitting, green when receiving. Blinks on low battery.
- 3 Rover Logo**
Premium brand identity — professional-grade build.
- 4 Speaker Grille**
1 W loud, clear audio output for noisy environments.
- 5 Channel Selector Knob**
Rotate to switch between 16 pre-programmed channels.
- 6 Power / Volume Knob**
Turns the radio ON/OFF and adjusts speaker volume.
- 7 PTT Button (Push-to-Talk)**
Press and hold to talk, release to listen.
- 8 Side Function Button**
Programmable for monitor, scan, or scrambler activation.
- 9 Mic / Speaker Jack**
Connects headset or PC programming cable.
- 10 Belt Clip**
Durable spring clip for hands-free carry on duty.
- 11 Li-ion Battery Pack**
Long-lasting rechargeable battery for full-shift use.
- 12 Charging Contacts**
Connects to desktop charger for simple recharging.



SMART DESIGN
SEAMLESS COMMUNICATION

ROVER R-10 is engineered with intuitive controls, a high-gain antenna, and durable components to keep your team connected — shift after shift.

ACCESSORIES INCLUDED

EVERYTHING YOU NEED
TO STAY CONNECTED!

ACCESSORIES INCLUDED

EVERYTHING YOU NEED TO STAY CONNECTED!



2 x R-10 WALKIE TALKIE
(UHF Two-Way Radio)



2 x CHARGING DOCK
(Desktop Charger)



2 x USB TYPE-C
CHARGING CABLE



2 x BELT CLIP
(Pre-Installed)



2 x WALL CHARGER
(5V Adapter)



WHAT'S IN THE BOX?



2 x R-10 Walkie Talkie



2 x Charging Dock
(Desktop Charger)



2 x USB Type-C Charging Cable



2 x Belt Clip
(Pre-Installed)



2 x Wall Charger
(5V Adapter)