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› [Retevis RT40 Digital DMR Walkie Talkie, PMR446 License-Free Two-Way Radio, 2000mAh, VOX, 48 Channels Digital/Analog Walkie-Talkie for Family, Travel \(Black, 1Pcs\)](#)

Retevis RT40

Retevis RT40 Digital DMR Walkie Talkie

USER MANUAL

Introduction

The Retevis RT40 is a license-free PMR446 digital and analog two-way radio designed for reliable and clear communication. Featuring 48 channels across 3 zones, a 2000mAh battery for extended use, and a VOX function for hands-free operation, it is an ideal communication tool for families, travel, and various professional settings. Its robust design ensures durability, while USB-C charging provides convenience.

Package Contents



This image displays all the components you will find inside the Retevis RT40 product package, ensuring you have everything needed for immediate use.

- 1 x Retevis RT40 Walkie Talkie
- 1 x 2000mAh Lithium Battery
- 1 x USB-A to USB-C Charging Cable
- 1 x Belt Clip
- 1 x Lanyard
- 1 x User Manual

Product Overview



This image provides a clear view of the Retevis RT40 walkie talkie, highlighting its compact and ergonomic design. It shows the main body, antenna, and control knobs, giving users a visual reference for handling the device.

The Retevis RT40 features a compact and durable design. On the top, you will find the antenna and two rotary knobs: one for power/volume control and the other for channel selection. The side of the radio typically includes the Push-to-Talk (PTT) button, a monitor button, and a programmable function button. The front panel houses the speaker and microphone for clear audio transmission and reception.

Setup

[Battery Installation](#)

To install the battery, ensure the radio is powered off. Align the battery pack with the grooves on the back of the radio and slide it into place until it clicks securely. To remove, press the release latch (if present) and slide the battery out.

Charging the Battery



This image highlights the impressive battery life of the Retevis RT40, emphasizing its 2000mAh capacity, 22 hours of standby time, and 8 hours of continuous operation, along with its convenient USB-C charging capability.

Connect the provided USB-A to USB-C charging cable to the radio's charging port and plug the other end into a compatible USB power adapter (not included) or a computer's USB port. The charging indicator light will typically show red while charging and turn green when fully charged. A full charge takes approximately 3-4 hours. Ensure the radio is powered off during charging for optimal results.

Operating Instructions

Power On/Off and Volume Control

Rotate the power/volume knob clockwise to turn the radio on. Continue rotating clockwise to increase the volume. Rotate counter-clockwise to decrease the volume and turn the radio off.

Channel Selection



This image illustrates the user-friendly nature of the Retevis RT40, highlighting its license-free operation, dual analog and digital modes, and versatile calling options including single, group, and all calls.

Rotate the channel selection knob to choose your desired channel. The RT40 supports 48 channels across 3 zones. Ensure all radios in your group are set to the same channel for communication.

Making a Call (Push-to-Talk)

To transmit, press and hold the Push-to-Talk (PTT) button located on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen for a response. Ensure the channel is clear before transmitting.

DMR & Analog Mode Compatibility



This image visually represents the Retevis RT40's capability to operate in both analog and digital (DMR) modes, providing flexible communication options and compatibility with various radio systems.

The RT40 supports both DMR digital and analog modes, allowing for communication with a wide range of two-way radios. The mode is typically set per channel. Refer to the channel programming for specific mode assignments.

VOX Function (Voice Operated Transmit)

The VOX function allows for hands-free operation. When activated, the radio will automatically transmit when it detects your voice. To enable or disable VOX, refer to the detailed instructions in the full user manual or use the programming software if available. Adjust the VOX sensitivity to prevent accidental transmissions.

Emergency Alarm



This image highlights the emergency alarm feature of the Retevis RT40, designed to provide a quick alert in critical situations, enhancing user safety.

The RT40 is equipped with an emergency alarm function. When activated, the radio will emit a loud alarm sound to alert others to your situation. This feature can be crucial in emergency scenarios. Consult the full user manual for instructions on how to activate and deactivate the emergency alarm.

Maintenance

Cleaning and Care

- Wipe the radio's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the charging port clean and free of dust and debris.
- Avoid exposing the radio to extreme temperatures, direct sunlight, or excessive moisture.
- Do not disassemble the radio; this will void the warranty.

Battery Care

- Charge the battery fully before first use.
- Avoid overcharging or completely draining the battery, as this can reduce its lifespan.
- Store the battery in a cool, dry place when not in use for extended periods.
- If the battery performance significantly degrades, consider replacing it with an official Retevis battery.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery. Ensure the battery is securely installed.
Cannot transmit or receive.	Incorrect channel selected; out of range; battery low.	Verify channel setting. Move closer to other radios. Charge battery.
Poor audio quality.	Volume too low/high; interference; out of range.	Adjust volume. Move away from sources of interference. Move closer to other radios.
VOX not working.	VOX disabled; sensitivity too low.	Enable VOX. Adjust VOX sensitivity.

Specifications

Feature	Detail
Brand	Retevis
Model Number	RT40
Color	Black
Channels	48 (3 Zones)
Battery Capacity	2000mAh Lithium-ion
Operating Modes	DMR Digital & Analog PMR446
Special Features	License-free PMR446, Clear Sound, VOX, Emergency Alarm, USB-C Charging
Weight	340 Grams
Voltage	3.7 Volts
Sound Level	40 dB
Compatible Devices	Headset, MP3 player, Speaker

Warranty and Support

Retevis offers a **2-year warranty** for the radio body and a **1-year warranty** for accessories. Additionally, there is a 30-day no-reason return policy. Beyond the warranty period, maintenance services are available, with buyers responsible for associated costs.

For any support inquiries, technical assistance, or warranty claims, please contact Retevis customer service directly through Amazon. We aim to respond to all inquiries within 12 hours.

For more information and resources, visit the official Retevis store on Amazon: [Retevis Amazon Store](#).

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Related Documents - RT40

 <p>Retevis RT40 Global leader in two way communication</p> <p>Do I need a license to use this walkie talkie? No, you don't need a license, you can use it freely.</p> <p>Does the walkie talkie work with other FRS walkie talkies? Yes, the RT40 walkie talkie can work with other FRS walkie talkies in the same frequency band.</p> <p>Can I change the frequency? According to FCC Law, the frequency of radio communication equipment is controlled by the FCC. If you need a frequency change, you must apply to the FCC for a license.</p> <p>How long does it take to fully charge the RT40 walkie talkie? About 10 hours. Charging time depends on the battery capacity.</p> <p>How to quickly enable the function of Retevis RT40 walkie talkie quickly? The function of VOX function can be enabled by pressing the VOX button.</p>	<p>Retevis RB66 Walkie-Talkie FAQ and Usage Guide</p> <p>Frequently asked questions and usage information for the Retevis RB66 walkie-talkie, covering licensing, compatibility, frequency changes, and charging.</p>
 <p>Retevis RT22 Global leader in two way communication</p> <p>Do I need a license to use this walkie talkie? No, you don't need a license, you can use it freely.</p> <p>Does the walkie talkie work with other FRS walkie talkies? Yes, the RT22 walkie talkie can work with other FRS walkie talkies in the same frequency band.</p> <p>Can I change the frequency? According to FCC Law, the frequency of radio communication equipment is controlled by the FCC. If you need a frequency change, you must apply to the FCC for a license.</p> <p>What range have they got? Generally speaking, the range of 1-3 km. It depends on the terrain and weather conditions.</p> <p>Is there any compatibility between Retevis RT22 walkie talkie to enable some functions? Yes, the RT22 walkie talkie can work with other Retevis walkie talkies.</p>	<p>Retevis RT22 Walkie Talkie FAQ and Features</p> <p>Frequently asked questions and key features of the Retevis RT22 walkie talkie, covering licensing, compatibility, frequency, range, and special functions like VOX and key lock.</p>
 <p>RT33 Walkie-Talkie</p>	<p>Retevis RT33 Walkie Talkie Operating Instructions</p> <p>Comprehensive operating instructions for the Retevis RT33 Walkie Talkie, covering setup, features, specifications, and safety guidelines.</p>
 <p>Retevis RB27B Global leader in two way communication</p> <p>Do I need a license to use this walkie talkie? No, you don't need a license, you can use it freely.</p> <p>Does RB27B walkie talkie work with RT22, RT21, RT20 walkie talkies straight out of the box? Yes, RB27B walkie talkie has 22 channels, including 14 FRS channels and 8 GMRS channels. It can work with RT22, RT21, RT20 walkie talkies.</p> <p>Can I change the frequency? According to FCC Law, the frequency of radio communication equipment is controlled by the FCC. If you need a frequency change, you must apply to the FCC for a license.</p> <p>What range have they got? About 1-3 km. It depends on the terrain and weather conditions.</p> <p>Can the RB27B walkie talkie be charged via USB C in addition to the USB A Charging dock? Yes, the walkie talkie can be charged via USB C.</p>	<p>Retevis RB27B Walkie Talkie FAQ: Features, Compatibility, and Range</p> <p>Explore common questions about the Retevis RB27B walkie talkie, including licensing, compatibility with other models, frequency regulations, operational range, and charging options.</p>
 <p>RT-628 Walkie-Talkie Radio</p>	<p>Retevis RT-628 Walkie-Talkie Radio for Kids - Features and Specifications</p> <p>Discover the Retevis RT-628, a user-friendly walkie-talkie radio designed for children. This brochure details its features, specifications, standard and optional accessories, and technical details.</p>



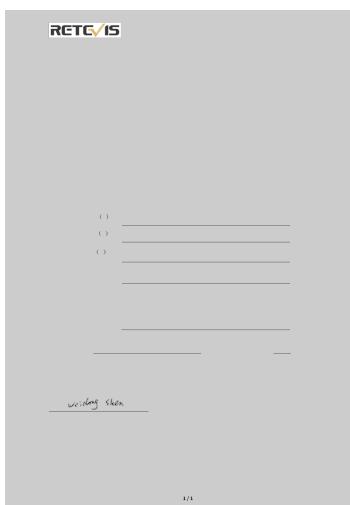
Retevis RB67
Two-Way Radio

RB67
USER'S MANUAL

[Retevis RB67 Two-Way Radio User Manual: Features, Operation, and Safety](#)

Comprehensive user manual for the Retevis RB67 two-way radio. Learn about its features like 22 channels, CTCSS/DCS, VOX, NOAA weather, and essential safety guidelines for optimal performance and RF exposure control.

Documents - Retevis – RT40



[\[pdf\] Declaration of Conformity](#)

RETEVIS RT40 EU Declaration of Conformity retevis resources center accreditations

EU Declaration of Conformity We, Shenzhen Retevis Technology Co., Ltd. Address: Room 700, 7/F, 13-C, ... e responsibility that Radio equipment: Product s : DMR Two Way Radio Brand Name / Model: RETEVIS / **RT40** is in conformity with the relevant Union harmonization legislation: Directive 2014/53/EU, Dire...

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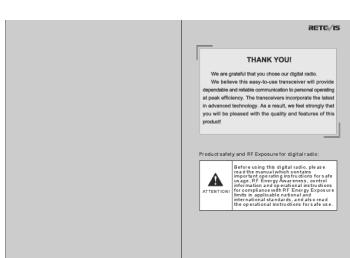


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Retevis RT40 preiswertes DMR Funkgerät mit Tier I Standard Dec 22 2017 · PMR Professional Mobile Radio oder genauer gesagt PMR446 arbeitet im Frequenzbereich von 446 0 bis 2 MHz In Deutschland darf hier proaudio de tests retevis rt40 tmpl component format |||

Retevis **RT40** - preiswertes DMR-Funkgert mit Tier-I-Standard letzte Aktualisierung: Freitag, 04. Juni 2021 16:40 Freitag, 22. Dezember 2017 14:58 Retevis **RT40** Preiswertes analog/digital Funkgert fr lizenzfreien PMRFrequenzbereich Autor und Fotos: Peter Kaminski 1 / 16 Phoca PDF Retevis **RT40** - pre...

lang:de score:32 filesize: 810.5 K page_count: 16 document date: 2025-05-24



[\[pdf\] User Manual Instructions Specifications Dimension Guide SAR Rating](#)

Product safety and RF Exposure for digital radio When two way radios are used as a consequence of employment the Local Government Regulations requires users to be fully aware able control their RT40 English Manua retevis info document

Product safety and RF Exposure for digital radio: ATTENTION Before using this digital radio, plea ... marking means: Hereby, Shenzhen Retevis Technology Co., Ltd. declares that the radio equipment type **RT40** is in compliance with the RED Directive 2014/53/EU and the ROHS Directive 2011/65/EU and the WE...

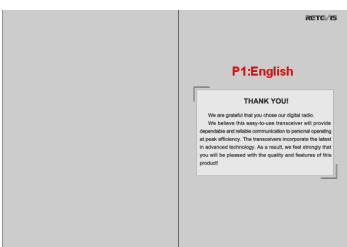
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RT40 retevis resources center brochure

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P1:English

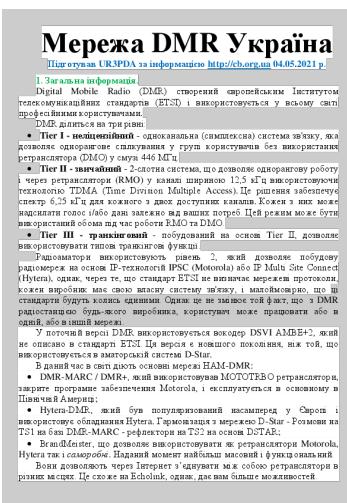
THANK YOU
We are grateful that you chose our digital radio.
We believe this easy-to-use transceiver will provide
dependable and reliable communication to persons operating
at peak efficiency. The transceiver incorporates the latest
in advanced technology. As a result, we feel strongly that
you will be pleased with the quality and features of this
product.

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RT40 Multi language EU retevis resources center manual

P1:English P2:German P3:French P4:Italian P5:Spanish ...

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Мережа DMR Україна

Підготування UKRIDA за інформацією <http://cb.org.ua> 04.05.2021 р.

1. Загальна інформація

Digital Mobile Radio (DMR) створений європейським Інститутом телекомунікаційних стандартів (ETSI) і використовується у всьому світі професійними користувачами.

2. Тривалість роботи

• **Tier I - не-комплексний** - одновимінна (симплексна) система зв'язку, яка дозволяє одновимінно спілкуватися у групах користувачів без використання ретранслятора (DMO) у складі 446 MHz.

• **Tier II - зв'язковий** - 2-слотова система, що дозволяє одновимінно роботу із зовнішнім ретранслятором (DMO) у каналі ширинкою 12.5 kHz з використанням технології TDM (Time Division Multiple Access). Це рішення забезпечує склад 0.25 kHz для кожного з двох доступних каналів. Кожен з них може надавати голос і/або дані залежно від вашого потреб. Цей режим може бути використаний обов'язково виробниками. Синк є зв'язковий та DMO та DMO.

• **Tier III - трансляційний** - побудований на основі Tier II, дозволяє використовувати типові транслятори.

Радіомові засоби використовують рівень 2 житій довоління побудовані радіомові засоби на основі IP-технології IPSC (Motorola) або IP Multi Site Connect (Huawei), які є однією з чотирьох стандартів DMR. Це рішення забезпечує склад 0.25 kHz для кожного з двох доступних каналів. Кожен з них може надавати голос і/або дані залежно від вашого потреб. Цей режим може бути використаний обов'язково виробниками.

У поточний період DMR використовується вектор DVSI AMBE+, який є описано в стандарті ETSI. Це вектор з новим поколінням, як той, що використовується в аналоговій системі.

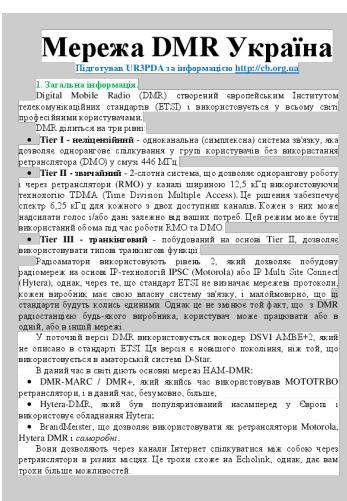
• **DMR** - цифровий DMR, який використовується МОТОРОЛЯ ретрансляторами, заснованими на технології IPSC (Motorola) або IP Multi Site Connect (Huawei), однак, якщо це стандарт ETSI є відмінною мережею протоколів, кожен виробник має свою власну систему зв'язку, і має зовнішній, що відповідає будь-якому вектору.

• **DMR-MARC** - який було популяризовано міністерством та Европи і використовується вектором DMR-MARC (MARC) від DMR-MARC на TS1 та TS2 та TS3 та TS4.

• **Вектор** - що дозволяє використовувати як ретранслятори Motorola.

Нука та саломар. Наданий момент використані масовий і функціональний.

Вони дозволяють через Інтернет з'єднувати між собою ретранслятори в різних місцях. Це схоже на Edolinink, однак, досі є більше можливостей.



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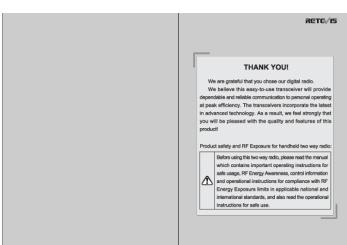
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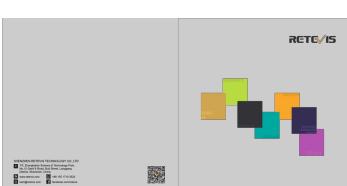


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RT40 UK English manua FRS RETEVIS info THANK YOU! We are grateful that you chose our digital radio believe this easy to use transceiver will provide retevis document

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Retevis Two-Way Radios Catalog: Explore Models for Every Need

Discover the range of Retevis two-way radios, including models for children, business, outdoor activities, and amateur use. Learn about features like VOX, LCD displays, and long battery life.

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