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Retekess TR107

Retekess TR107 Portable AM/FM Analog Radio User Manual

Model: TR107

1. Introduction

Thank you for choosing the Retekess TR107 Portable AM/FM Analog Radio. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.



Image: The Retekess TR107 portable radio, a compact black device with an analog tuning dial.

2. Safety Information

To ensure safe operation and prevent damage, please observe the following:

- **Hearing Protection:** Prolonged exposure to loud noises from any source can cause temporary or permanent hearing damage. The louder the radio volume, the greater the impact on your hearing, and the less time it takes for damage to occur. Always listen at a moderate volume.
- **Battery Safety:** Use only specified AAA batteries. Do not mix old and new batteries, or different types of batteries. Remove batteries if the device will not be used for an extended period.
- **Water Resistance:** This device is water-resistant, but not waterproof. Avoid submerging it in water or exposing it to heavy rain.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use liquid cleaners or aerosols.
- **Disassembly:** Do not attempt to disassemble or modify the radio. This will void the warranty and may cause damage or injury.

3. Package Contents

Please check the package to ensure all items are present:

- 1 x Retekess TR107 Radio
- 1 x In-ear Earphones
- 1 x User Manual



Image: The Retekess TR107 radio, a pair of black in-ear earphones, and the user manual laid out on a white surface.

4. Product Features

- **Compact and Portable:** Extremely compact design, similar to a lighter in size, making it easy to carry in a pocket.
- **Dual Band Reception:** Supports both FM and AM radio bands for a wide range of stations.
- **Analog Tuning:** Simple and intuitive analog tuning dial for station selection.
- **Stereo Sound with Earphones:** Delivers clear stereo audio when using the included 3.5mm earphones.
- **MEGA BASS Mode:** Enhance your listening experience with a powerful bass boost function.
- **Earphone as Antenna:** The connected earphones act as the antenna for stable signal reception.
- **Energy Efficient:** Designed for low power consumption, extending battery life with 2 AAA batteries (not included).



Image: The Retekess TR107 radio highlighting its MEGA Bass and stereo capabilities, with musical notes emanating from the device.



Image: The Retekess TR107 radio shown with its dimensions (82x41x16mm, 30g) and being easily placed into a shirt pocket, emphasizing its portability.



Image: The Retekess TR107 radio held by a person, illustrating its excellent reception with the earphone cable extended to act as an antenna, showing signal waves.

5. Controls and Functions

Familiarize yourself with the radio's controls:

- **Volume Control:** Adjusts the audio output level.
- **Tuning Knob:** Used to select radio frequencies.
- **Band Switch (AM/FM ST):** Selects between AM, FM, and FM Stereo modes.
- **Power/BBS Switch:** Turns the radio ON/OFF and activates/deactivates the MEGA BASS function.
- **Dial Indicator:** Shows the currently tuned frequency.
- **Earphone Jack:** 3.5mm port for connecting earphones.



Image: A detailed diagram of the Retekess TR107 radio, with labels pointing to the volume control, tuning knob, band switch, power/BBS switch, and dial indicator.

6. Setup

6.1 Battery Installation

1. Locate the battery compartment cover on the back of the radio.
2. Slide the cover open.
3. Insert two (2) AAA batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.



Image: The back of the Retekess TR107 radio with its battery compartment open, next to two AAA batteries, illustrating the battery installation process.

6.2 Connecting Earphones

Insert the 3.5mm jack of the included earphones into the earphone port on the radio. The earphones serve as the antenna for optimal reception.

7. Operating Instructions

7.1 Power On/Off and Band Selection

1. To turn on the radio, slide the **Power/BBS** switch to the 'ON' position.
2. Select your desired band (AM, FM, or FM ST) using the **Band Switch**. For FM stereo sound, ensure the switch is set to 'FM ST'.
3. To turn off the radio, slide the **Power/BBS** switch to the 'OFF' position.

7.2 Tuning to a Station

1. With the radio powered on and earphones connected, slowly rotate the **Tuning Knob**.
2. Observe the **Dial Indicator** to find your desired frequency.
3. Adjust the tuning knob carefully until the station is clear. Extend the earphone cable for better reception.

7.3 Adjusting Volume

Rotate the **Volume Control** knob to increase or decrease the sound level to a comfortable listening volume.

7.4 Using MEGA BASS

To activate the MEGA BASS function, slide the **Power**/**BBS** switch to the 'BBS' position. This will enhance the bass frequencies for a richer sound experience. Slide it back to 'ON' to disable MEGA BASS.



Image: The Retekess TR107 radio with its simple controls labeled: ON/OFF/BBS switch, FM/AM/FM ST band switch, and Tuning knob, emphasizing its ease of use.

8. Maintenance

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Remove batteries if the radio is not used for extended periods to prevent leakage.

9. Troubleshooting

Problem	Possible Cause	Solution
No sound or very low volume.	Batteries are dead or incorrectly inserted; Volume is too low; Earphones not properly connected.	Replace batteries, ensuring correct polarity; Increase volume; Ensure earphones are fully plugged in.
Poor reception or static.	Earphone cable not extended; Weak signal in the area; Interference from other electronic devices.	Fully extend the earphone cable (it acts as the antenna); Try moving to a different location; Move away from other electronics.
Difficulty tuning to a specific station.	Tuning knob is very sensitive.	Rotate the tuning knob slowly and with small adjustments. Fine-tune until the station is clear.
Radio turns off unexpectedly.	Batteries are depleted.	Replace with fresh AAA batteries.

10. Specifications

Feature	Detail
Model Number	TR107
Dimensions (L x W x H)	8.2 x 4.1 x 1.6 cm (3.23 x 1.61 x 0.63 inches)
Weight	29 g (1.02 oz)
Power Source	2 x AAA Batteries (not included)
Supported Radio Bands	AM, FM
FM Frequency Range	87.0 - 108.0 MHz
AM Frequency Range	520 - 1710 KHz
Audio Output Mode	Stereo (via earphones)
Connectivity Technology	Auxiliary (3.5mm earphone jack)

Feature	Detail
Special Features	Compact design, FM Stereo, MEGA BASS, Analog Tuner
Water Resistance Level	Water-resistant

11. Warranty and Support

Retekess offers a **3-year warranty** for the TR107 radio, along with a **30-day no-reason return policy**. Beyond the warranty period, maintenance services are available, with buyers responsible for associated costs.
For any inquiries, technical support, or warranty claims, please contact us directly through your Amazon purchase platform. We aim to respond to all queries within 12 hours.
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