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**Retekess TR640**

# Retekess TR640 Internet Radio User Manual

Model: TR640 | Brand: Retekess

## 1. Introduction

Thank you for choosing the Retekess TR640 Internet Radio. This manual provides detailed instructions for setting up, operating, and maintaining your device. Please read this manual thoroughly before use to ensure optimal performance and safe operation. The TR640 offers a wide range of listening options including Internet Radio, DAB, FM, Bluetooth, and media playback via USB and TF card.

## 2. Product Overview

### 2.1 Package Contents

Ensure all items are present in the package:

- 1x Retekess TR640 Portable Internet Radio
- 1x Power Cable
- 1x User Manual

Image: The package includes the Retekess TR640 radio, a power cable, and the user manual.

## 2.2 Device Features

The Retekess TR640 is a versatile radio with the following key features:

- Multi-band support: Internet Radio, FM, DAB.
- Multiple connection options: Wi-Fi, Bluetooth, USB, TF card.
- Intuitive control panel with remote control capability.
- Dual power modes: AC or DC 6V (4x AA 1.5V batteries, not included).
- One-click mute function.
- Backlit display with adjustable brightness.
- 7 EQ sound settings (Classic, Rock, Pop, Jazz, Flat, Dance, Manual).
- Sleep timer and alarm clock functions.
- Time zone configuration with automatic network updates.
- 3.5mm audio jack for headphones.

## 2.3 Controls and Ports

Familiarize yourself with the buttons, knobs, and ports on your TR640 radio.

Your browser does not support the video tag.

Video: This video demonstrates the functions of the main control buttons on the front panel, including power, menu navigation, mute, preset, and confirmation.

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Video: This video highlights the antenna, AC power input, color display, TF card slot, USB port, and 3.5mm headphone jack.

- **Power/Menu Button:** Press to turn on/off, or enter the main menu.
- **Left/Right Navigation:** Use to navigate menus, skip tracks (music playback), or fast-forward/rewind (hold).
- **Mute Button:** Activate/deactivate mute function.
- **Preset Button:** Access channel list or manual channel storage mode.
- **Enter/Play/Pause Button:** Confirm selections, play/pause music.
- **TUN Knob:** Select channels, menu tasks, adjust time.
- **Volume Knob:** Adjust volume.
- **TF Card Slot:** Supports up to 256GB, compatible with MP3/WMA/WAV/APE/FLAC.
- **USB Port:** Compatible with MP3/WMA/WAV/APE/FLAC.
- **3.5mm Headphone Jack:** For private listening.
- **Antenna:** Extend for optimal signal reception.
- **AC-IN Port:** Connect the power cable for AC power.
- **Battery Compartment:** For 4x AA 1.5V batteries (DC 6V).

## 3. Setup

### 3.1 Powering On Your Device

The TR640 can be powered by AC or DC (batteries).

1. **AC Power:** Insert the provided power cable into the AC-IN port on the side of the radio and plug it into a wall outlet.
2. **Battery Power:** Open the battery compartment on the back and insert 4x AA 1.5V batteries (not included), ensuring correct polarity.

Image: The radio can be powered via AC cable or 4 AA batteries (not included).

### 3.2 Initial Network Configuration

For Internet Radio functionality, you need to connect the device to a Wi-Fi network.

1. Turn on the radio by pressing the Power button.
2. The display will prompt you to "Configure network?". Select "Yes" using the navigation buttons and press "Enter".
3. The radio will scan for available Wi-Fi networks. Select your network from the list.
4. Enter your Wi-Fi password using the on-screen keyboard and navigation buttons. Press "Enter" to confirm.
5. Once connected, the radio will update the time zone automatically.

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Video: This video demonstrates how to connect the radio to a Wi-Fi network and access Internet Radio stations.

## 4. Operating Instructions

## 4.1 Internet Radio

Access thousands of radio stations from around the world via your Wi-Fi connection.

1. Ensure the radio is connected to Wi-Fi (see Section 3.2).
2. Navigate to "Internet Radio" from the main menu.
3. Browse stations by location, genre, or popular stations. Use the TUN knob to scroll and "Enter" to select.
4. Once a station is selected, it will begin buffering and playing.
5. You can save your favorite stations as presets (see Section 4.5).

## 4.2 DAB/FM Radio

Enjoy local digital (DAB) and analog (FM) radio broadcasts.

1. Extend the telescopic antenna for best reception.
2. From the main menu, select "DAB Radio" or "FM Radio".
3. **Scanning Channels:** Press the "Preset" button to initiate a channel scan. The radio will automatically search and store available stations.
4. **Manual Tuning (FM):** Use the TUN knob to manually adjust the frequency.
5. Use the Left/Right navigation buttons to cycle through stored stations.

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Video: This video demonstrates how to scan for and tune into FM radio stations.

## 4.3 Bluetooth Connectivity

Connect your smartphone or other Bluetooth-enabled devices to play audio wirelessly.

1. From the main menu, select "Bluetooth". The radio will enter pairing mode.
2. On your mobile device, enable Bluetooth and search for "RETEKESS TR640".
3. Select the radio from your device's Bluetooth list to pair.
4. Once connected, you can play audio from your device through the radio.

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Video: This video illustrates the process of connecting a mobile device to the radio via Bluetooth.

## 4.4 USB/TF Card Playback

Play your personal music files directly from a USB drive or TF card.

1. Insert a USB drive into the USB port or a TF card into the TF card slot.
2. The radio will automatically detect the storage device and display its contents. If not, navigate to "MP3 Player" from the main menu and select "USB" or "TF Card".
3. Use the navigation buttons to browse and select your desired audio files. Press "Enter" to play.
4. Supported formats include MP3, WMA, WAV, APE, and FLAC.

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Video: This video demonstrates playing music from a USB drive.

Your browser does not support the video tag.

Video: This video demonstrates playing music from a TF card.

## 4.5 Saving and Accessing Presets

The radio can store up to 90 favorite stations.

1. Tune to your desired station (Internet, DAB, or FM).
2. Press and hold the "Preset" button.
3. Use the navigation buttons to select an empty preset slot.
4. Press "Enter" to save the station.
5. To access saved presets, briefly press the "Preset" button and use navigation to select.

Image: The radio has a station storage capacity of 90 presets.

## 4.6 EQ Settings

Customize your audio experience with various equalizer presets.

- Navigate to the EQ settings in the main menu.
- Choose from Classic, Rock, Pop, Jazz, Flat, Dance, or Manual settings.

## 4.7 Sleep Timer and Alarm Clock

Set a sleep timer to automatically turn off the radio or an alarm to wake you up.

- Access "Sleep Timer" or "Alarm Clock" in the main menu.
- Follow the on-screen prompts to set your desired time and duration.

## 5. Maintenance

To ensure the longevity and optimal performance of your Retekess TR640 radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the radio. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- **Storage:** When not in use for extended periods, store the radio in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for a long time to prevent leakage.
- **Antenna Care:** Handle the telescopic antenna gently to avoid bending or breaking. Extend it fully for best reception and retract it when not in use to protect it.
- **Liquid Exposure:** Keep the radio away from water and other liquids. If liquid enters the device, immediately disconnect power and consult a qualified technician.
- **Ventilation:** Ensure the ventilation grilles on the back of the radio are not blocked to prevent overheating.

## 6. Troubleshooting

If you encounter issues with your TR640 radio, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| No power | Power cable not connected, batteries depleted/incorrectly inserted. | Check AC power connection. If using batteries, ensure they are fresh and inserted with correct polarity. |
| No sound | Volume too low, mute activated, headphones connected. | Increase volume. Press the Mute button to deactivate. Disconnect headphones if sound is desired from speaker. |
| Poor radio reception (FM/DAB) | Antenna not extended, weak signal, interference. | Fully extend the telescopic antenna. Try repositioning the radio. Perform a channel scan. |
| Cannot connect to Wi-Fi | Incorrect password, out of range, network issue. | Double-check Wi-Fi password. Move closer to the router. Restart your router. |
| USB/TF card not recognized | Incorrect file format, card/drive corrupted, improperly inserted. | Ensure files are in supported formats (MP3/WMA/WAV/APE/FLAC). Reinsert the card/drive. Try a different card/drive. |
| Internet Radio buffering frequently | Weak Wi-Fi signal, slow internet connection. | Improve Wi-Fi signal strength. Check your internet speed. |

## 7. Specifications

| Feature | Detail |
|---|---|

| Feature | Detail |
|---|---|
| Brand | Retekess |
| Model | TR640 |
| Color | Black |
| Special Function | Portable |
| Connectivity Technology | Auxiliary, Wi-Fi, Bluetooth, USB, TF Card |
| Product Dimensions | 21 cm (L) x 12.5 cm (W) x 6 cm (H) |
| Tuner Technology | Digital |
| Style | Modern |
| Power Source | AC Powered, Battery Powered (4x AA 1.5V) |
| Supported Radio Bands | FM, DAB (Volume III), Internet Radio |
| Audio Formats (USB/TF) | MP3, WMA, WAV, APE, FLAC |

## 8. Warranty and Support

Retekess products are designed and manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Retekess website. Keep your purchase receipt as proof of purchase.

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