

1. Overview

The Reteless TR635 is a portable digital radio that receives AM, FM, and Shortwave (SW) bands. It features a backlight LCD display, a built-in clock, and can be powered by batteries or AC power. The design is intended for ease of use, with a focus on clear sound and simple operation.



Key characteristics include:

- **3-Band Reception:** AM, FM, and Shortwave.
- **Power Options:** Operates on 3 x D batteries (not included) or AC power via the included cord.
- **Portable Design:** Features a foldable carrying handle.
- **Display:** Backlit LCD screen showing frequency, time, and other information.
- **Audio Output:** Built-in 3.5-inch speaker and a 3.5mm headphone jack.

2. Features and Components



2.1 Front Panel and Controls

- **LCD Display:** Shows the current frequency, band, time, and other status indicators.
- **Main Tuning Knob:** A large dial for manually tuning to stations.
- **Volume/Power Knob:** Combined control. Rotating clockwise from the off position turns the radio on and increases volume.
- **Function Buttons:** Buttons for band selection (AM/FM/SW), automatic station search, and preset memory functions.
- **Speaker Grille:** Covers the internal 3.5-inch, 3W speaker.

2.2 Rear and Side Panels

- **Carrying Handle:** Foldable handle for easy portability.
- **External Antenna Jack:** For connecting an external antenna to improve reception, especially for SW and AM bands.
- **Headphone Jack (3.5mm):** For private listening.
- **DC Power Input:** For connecting the included AC power adapter.
- **Battery Compartment:** Holds 3 x D batteries.

2.3 Technical Specifications

- **Model:** TR635
- **Dimensions:** 9.64" L x 3.34" W x 6.69" H
- **Tuner Technology:** Digital Tuning for AM, FM, and SW
- **Power Supply:** AC 110V or 3 x D Batteries
- **Display:** Backlight LCD

- **Included Components:** Radio, AC Power Cord, Owner's Manual

3. Initial Setup and Power

3.1 Installing Batteries

1. Locate the battery compartment on the back or bottom of the radio.
2. Open the compartment cover.
3. Insert three (3) D-cell batteries, observing the correct polarity (+/-) markings inside.
4. Close the cover securely.

Note: For best performance, use fresh alkaline batteries. Remove batteries if the radio will not be used for an extended period.

3.2 Using AC Power

1. Connect the included AC power cord to the DC input jack on the radio.
2. Plug the adapter into a standard 110V AC wall outlet.
3. The radio will operate on AC power. The batteries are automatically disconnected when AC power is connected.

This plug-in radio is also a battery-powered radio. It can be connected to AC power indoors or used with batteries outdoors.

4. Basic Operation

4.1 Turning the Radio On/Off and Adjusting Volume

1. Rotate the **Volume/Power Knob** clockwise. You will hear a click as the radio turns on.
2. Continue rotating clockwise to increase the volume. Rotate counterclockwise to decrease volume.
3. To turn the radio off, rotate the knob fully counterclockwise until it clicks off.

4.2 Selecting a Band (AM/FM/SW)

Press the **Band** button to cycle through the available bands: FM -> AM -> SW. The current band will be shown on the LCD display.

4.3 Tuning to a Station

There are two primary methods:

- **Manual Tuning:** Slowly rotate the large **Tuning Knob**. The frequency on the display will change. Stop when you find a clear station.
- **Automatic Search (ATS):** Press and hold the **Auto Search** button. The radio will scan upward and stop when it finds a station of sufficient signal strength. Press the button briefly to stop the scan manually.

For FM Reception: Fully extend the built-in telescopic antenna for best results.

For AM/SW Reception: For improved reception, you can connect an external long-wire antenna to the antenna jack. Rotating the radio's position may also help.



5. Advanced Functions

5.1 Setting the Clock

1. Ensure the radio is on.
2. Press and hold the **Clock** button (or designated time set button) until the hour digits on the display start flashing.
3. Use the **Tuning Knob** or **Up/Down** buttons to set the correct hour.
4. Press the **Clock** button again to move to the minutes. Adjust using the knob/buttons.
5. Press the **Clock** button once more to confirm and exit setting mode.

5.2 Saving and Recalling Preset Stations

The radio allows you to save favorite stations for quick access.

1. Tune to the desired station.

2. Press and hold a numbered **Preset** button (e.g., 1-5) for a few seconds until the display confirms the save.
3. To recall a preset station, simply press the corresponding numbered **Preset** button briefly.

5.3 Using Headphones

Plug a standard 3.5mm audio plug headphone into the headphone jack on the side of the radio. The internal speaker will be muted automatically.

6. Care and Maintenance

- **Cleaning:** Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store in a cool, dry place. Remove batteries for long-term storage.
- **Antenna:** Extend and retract the telescopic antenna gently. Do not force it.
- **Avoid:** Exposure to extreme temperatures, moisture, dust, and direct sunlight for prolonged periods.

7. Troubleshooting

Problem	Possible Cause	Solution
Radio does not turn on.	Dead batteries; AC adapter not plugged in; Power knob in OFF position.	Replace batteries; Check AC power connection; Rotate Volume/Power knob clockwise.
Poor or no reception.	Antenna not extended (FM); Weak signal area; Incorrect band selected.	Fully extend antenna; Move radio location; Try connecting an external antenna; Ensure correct band (AM/FM/SW) is selected.
Sound is distorted or weak.	Volume set too high; Low batteries; Poor station signal.	Reduce volume; Replace batteries; Reposition radio or antenna for better signal.
Display is dim or blank.	Backlight may be off; Very low batteries.	Check for a dedicated backlight button; Replace batteries.
Clock resets or is incorrect.	Batteries were removed or completely drained while on AC power.	Reset the clock following the instructions in section 5.1.

8. Warranty and Support

The Reteless TR635 comes with a 1-year limited warranty and a 30-day return policy.

Warranty Service: For warranty claims or product support, contact the seller directly through your Amazon account order page. The seller states they will respond within 12 hours.

Note: Warranty does not cover damage from misuse, accidents, or unauthorized modifications. Keep your proof of purchase.

Warning

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