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Trevi RA 7F30

Trevi RA 7F30 Portable Radio User Manual

Model: RA 7F30

1. Introduction

This manual provides detailed instructions for the safe and efficient use of your Trevi RA 7F30 Portable Radio. Please read this manual thoroughly before operating the device and retain it for future reference. The Trevi RA 7F30 is a versatile 4-band portable radio featuring a hand crank dynamo, solar panel, and wireless audio capabilities, designed for various listening environments.

2. Safety Information

- Do not expose the radio to extreme temperatures, direct sunlight for prolonged periods (beyond charging), or high humidity.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not attempt to disassemble or modify the radio. This may void the warranty and pose safety risks.
- Keep the device away from water and other liquids.
- Use only specified charging methods (USB, solar, hand crank).
- Ensure proper ventilation when charging or operating for extended periods.

3. Product Overview

Familiarize yourself with the various components and controls of your Trevi RA 7F30 portable radio.



Figure 3.1: Overall view of the Trevi RA 7F30 portable radio, showcasing its compact design with a solar panel on top, a multi-LED flashlight on the left, and various control knobs and buttons on the front panel.



Figure 3.2: Front panel of the radio, featuring the frequency display for FM, SW1, SW2, and AM bands. Below the display are the TUNING and VOLUME knobs, along with buttons for playback control and mode selection. A speaker grille is visible on the left.



Figure 3.3: Side view of the radio, clearly showing the integrated multi-LED flashlight on the left side. This flashlight provides illumination in low-light conditions.



Figure 3.4: Rear view of the radio, highlighting the foldable hand crank dynamo. This mechanism allows for manual power generation to charge the internal battery.



Figure 3.5: Side panel of the radio, revealing various input/output ports, including a USB port for charging external devices and a DC IN port for charging the radio itself.

Controls and Ports:

- **Telescopic Antenna:** For improved radio reception.
- **Solar Panel:** Located on top, for passive charging in sunlight.
- **Hand Crank Dynamo:** On the back, for manual power generation.
- **Flashlight:** Multi-LED light on the side.
- **Frequency Display:** Shows current radio band and frequency.
- **Tuning Knob:** Adjusts radio frequency.
- **Volume Knob:** Controls audio output level and powers the unit ON/OFF.
- **Band Selector Switch:** Toggles between FM, AM, SW1, and SW2 bands.
- **Mode Switch:** Selects between Radio, Bluetooth, Siren, and Music (e.g., USB/TF card playback if supported).
- **Playback Control Buttons:** Play/Pause, Skip Forward, Skip Backward (for Music/Bluetooth modes).
- **USB Output Port:** For charging external devices.

- **DC IN Port:** For charging the radio via USB cable.

4. Setup

4.1 Initial Charging

Before first use, it is recommended to fully charge the radio's internal battery. You have several charging options:

1. **USB Charging:** Connect the provided USB cable to the DC IN port on the radio and to a standard USB power adapter (not included) or a computer USB port. The charging indicator will illuminate.
2. **Hand Crank Dynamo:** Fold out the hand crank from the back of the radio (Figure 3.4). Rotate the crank clockwise or counter-clockwise at a steady pace for 3-5 minutes to provide initial power or emergency charge.
3. **Solar Charging:** Place the radio with the solar panel (on top) facing direct sunlight. This method is ideal for maintaining charge or slow charging over longer periods.

4.2 Antenna Extension

For optimal radio reception, extend the telescopic antenna fully when listening to FM or Shortwave bands. For AM reception, the internal antenna is generally sufficient, but adjusting the radio's orientation may improve signal.



Figure 4.1: A user holding the radio with the telescopic antenna fully extended, ready for improved radio signal reception.

5. Operating Instructions

5.1 Powering On/Off and Volume Control

Rotate the **VOLUME** knob clockwise to turn the radio ON. Continue rotating to increase the volume. Rotate counter-clockwise to decrease the volume and turn the radio OFF.

5.2 Radio Tuning

1. **Select Band:** Use the **BAND** selector switch to choose between FM, AM, SW1, or SW2.
2. **Tune Frequency:** Rotate the **TUNING** knob to scan for radio stations. The frequency will be displayed on the front panel.
3. **Adjust Antenna:** For best reception, extend the telescopic antenna for FM/SW bands and adjust its position.

For AM, rotate the entire radio for optimal signal.

5.3 Wireless Audio (Bluetooth)

1. **Enter Bluetooth Mode:** Slide the **MODE** switch to the 'Bluetooth' position. The radio will emit an audible prompt indicating it is in pairing mode.
2. **Pair Device:** On your smartphone or other Bluetooth-enabled device, search for available Bluetooth devices and select 'Trevi RA 7F30' (or similar name).
3. **Play Audio:** Once paired, you can play audio from your device through the radio's speaker. Use the playback control buttons on the radio or your device to manage music.

5.4 Flashlight Operation

Press the **Flashlight Button** (often marked with a light bulb icon) to turn the integrated flashlight ON. Press it again to turn it OFF.



Figure 5.1: The multi-LED flashlight on the side of the radio, actively emitting light, demonstrating its utility in dark environments.

5.5 Siren Function

Slide the **MODE** switch to the 'Siren' position to activate the emergency siren. Slide it back to another mode to

deactivate.

5.6 Charging External Devices

Connect your external device (e.g., smartphone) to the radio's**USB Output Port** using an appropriate USB cable. The radio's internal battery will then provide power to charge your device. Note that this will deplete the radio's battery.

6. Maintenance

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the radio in a cool, dry place. It is recommended to fully charge the battery every 3-6 months to maintain its lifespan.
- **Battery Care:** Avoid completely draining the battery frequently. Recharge promptly when the low battery indicator appears.

7. Troubleshooting

Problem	Possible Cause	Solution
Radio does not turn on.	Battery is depleted.	Charge the radio using USB, solar, or hand crank.
Poor radio reception.	Antenna not extended, weak signal, interference.	Extend the telescopic antenna. Adjust radio position. Try tuning to a stronger station.
Bluetooth device cannot pair.	Radio not in pairing mode, device too far, Bluetooth off on device.	Ensure radio is in Bluetooth mode. Keep devices within 10 meters. Enable Bluetooth on your device.
Flashlight not working.	Battery is depleted.	Charge the radio.
External device not charging.	Radio battery too low, incorrect cable, device not compatible.	Ensure radio has sufficient charge. Use a compatible USB cable.

8. Specifications

- **Model:** RA 7F30

- **Brand:** Trevi
- **Radio Bands:** FM, AM, SW1, SW2 (4 bands)
- **Power Sources:** Hand Crank Dynamo, Solar Panel, USB (DC IN)
- **Audio Features:** Wireless Audio (Bluetooth)
- **Additional Features:** Integrated Flashlight, Siren Function, USB Output for charging external devices
- **Material Composition:** Not specified in detail, typically durable plastic and electronic components.

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

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