PRUNUS J-02

PRUNUS J-02 AM FM SW Radio Instruction Manual

Model: J-02 | Brand: PRUNUS

1. OVERVIEW

The PRUNUS J-02 is a versatile portable radio designed for clear reception and ease of use. It features an innovative dual-antenna system for enhanced signal stability and reduced interference across FM, AM, and Shortwave bands. This multi-functional device offers flexible power options including a rechargeable battery, D batteries, and solar charging. Beyond radio, it functions as a Bluetooth speaker and supports playback from TF cards, USB drives, and AUX input, complete with dedicated bass and treble controls. Its compact design with large, intuitive knobs makes it suitable for users of all ages.

2. KEY FEATURES

- **World's First Dual-Antenna System:** Experience unparalleled clarity and stability with two 12.4-inch copper antennas. This system effectively captures weak signals, combats reflection, and features enhanced filtering for precise station locking, even in crowded frequency areas.

- **Superior Multi-Band Reception:** Enjoy clear stations across FM (88–108 MHz), AM (530–1710 kHz), SW1 (3.2–10.0 MHz), and SW2 (10.0–22.0 MHz) thanks to the dual antennas and a premium US-made DSP chip.

- **Multiple Power Options:** Stay powered with three flexible methods: an 1800mAh rechargeable battery (USB-C charging), 2 x D batteries (not included) for extended use, and dual solar panels on the top and back for efficient sunlight absorption.

- **Versatile Audio Playback:** More than just a radio, it functions as a Bluetooth 6.0 speaker for seamless streaming. Play saved music directly from a TF Card, USB drive, or AUX input. Fine-tune your audio with dedicated bass and treble knobs.

- **User-Friendly Design:** Designed for simplicity with large, smooth knobs, a quick switch for modes, and clearly labeled music control buttons, making it easy to operate without complex menus.

- **Portable and Compact:** Measuring 5.9 x 9.8 x 3.5 inches and weighing just 1.8 lb, this radio includes a foldable handle for easy transport and convenient listening anywhere.

3. Setup

3.1 Powering the Radio

The PRUNUS J-02 offers three power options:

- **Rechargeable Battery:** The radio comes with a built-in 1800mAh rechargeable battery. Connect the included USB-C cable to the radio's USB-C port and to a compatible USB power adapter (not included) for charging.
- **D Batteries:** For extended portable use or emergencies, insert 2 x D batteries (not included) into the battery compartment located on the back of the radio. Ensure correct polarity.
- **Solar Charging:** The dual solar panels on the top and back of the radio can absorb sunlight to charge the internal rechargeable battery. Place the radio in direct sunlight for efficient charging.

3.2 Antenna Setup

For optimal radio reception, extend the telescopic dual antennas fully. Adjust their direction for the best signal clarity, especially for FM and SW bands.

4. Operating Instructions

4.1 Power On/Off and Volume Control

- To turn the radio ON or OFF, rotate the **Power**/**Volume Knob** clockwise until it clicks.
- Continue rotating the **Power**/**Volume Knob** to adjust the listening volume.

4.2 Radio Tuning

- Use the **Band Selector** switch to choose between MUSIC, FM, AM, SW1, and SW2.
- Rotate the large **Tuning Knob** to scan for desired radio stations. The frequency scale will indicate your current band and frequency.

4.3 Bluetooth, TF Card, USB, and AUX Playback

- Switch the **Band Selector** to MUSIC mode.
- **Bluetooth:** The radio will automatically enter Bluetooth pairing mode. Search for "J-02" on your device and connect.
- **TF Card/USB:** Insert a TF card into the TF slot or a USB drive into the USB port. The radio will automatically detect and begin playing audio files.
- **AUX Input:** Connect an external audio device using a 3.5mm AUX cable (not included) to the AUX input port.
- Adjust the **Bass**/**Treble Knob** to fine-tune the audio output to your preference.

5. Maintenance

- Clean the radio with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Keep the radio away from water, moisture, direct sunlight, and extreme temperatures to prevent damage.
- If using D batteries, remove them if the radio will not be used for an extended period to prevent battery leakage.
- Ensure the telescopic antennas are fully retracted when not in use to prevent bending or breakage.

6. TROUBLESHOOTING

- **No Power:** Check if the rechargeable battery is charged, if D batteries are correctly inserted, or if the USB-C cable is properly connected for charging.

- **Poor Reception:** Fully extend the telescopic antennas and adjust their direction. Try moving the radio to a different location away from potential interference sources (e.g., other electronic devices).

- **No Sound:** Check the volume level. Ensure the correct mode (FM/AM/SW/MUSIC) is selected. If using Bluetooth, ensure the device is properly paired. If using TF/USB/AUX, ensure the media is inserted correctly and the files are compatible.

- **Bluetooth Pairing Issues:** Ensure the radio is in MUSIC mode and no other device is currently connected via Bluetooth. Try restarting both the radio and your Bluetooth device.

7. SPECIFICATIONS

Feature	Specification
Model	J-02
Dimensions (L x W x H)	9.8 x 3.5 x 5.9 inches
Weight	1.8 lb
Tuner Technology	AM/FM/SW (DSP Chip)
FM Frequency	88–108 MHz
AM Frequency	530–1710 kHz
SW1 Frequency	3.2–10.0 MHz
SW2 Frequency	10.0–22.0 MHz
Power Sources	1800mAh Rechargeable Battery (USB-C), 2 x D Batteries (not included), Dual Solar Panels
Connectivity	Bluetooth 6.0, TF Card Slot, USB Port, AUX Input
Antenna	Dual 12.4-inch Telescopic Copper Antennas

8. PRODUCT MEDIA

Images

PRUNUS

J-02S Portable AM/FM/SW Radio

The PRUNUS J-02 radio featuring its dual-antenna system and supported frequency bands for enhanced reception.

AM/FM/SW1/SW2	Rechargeable Battery	USB-C Charging	Solar Panel Charging	Bluetooth/TF/USB Playing/AUX

World's First
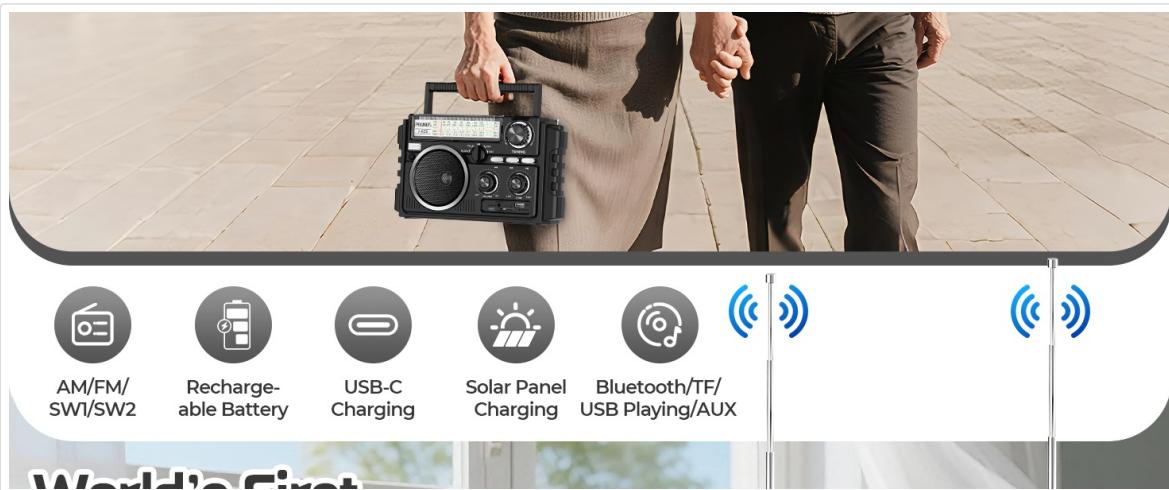
Illustration of the three versatile power options for the PRUNUS J-02: solar, D batteries, and USB-C rechargeable.

Multi-Function Speaker

- Bluetooth 6.0
- TF Card
- USB Drive
- AUX Input
- Bass/Treble knob

The PRUNUS J-02 functioning as a multi-function speaker, highlighting its Bluetooth, TF Card, USB, and AUX input capabilities.

Portable Design with Handle

Perfect for on-the-go listening

5.9 in

9.8 in

3.5 in

Weight: **1.8** lb
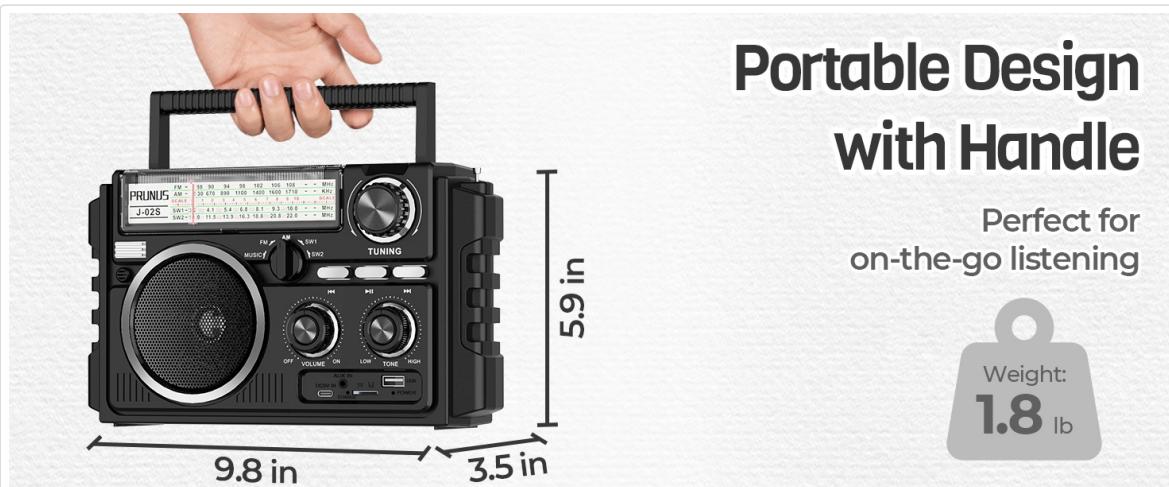
The compact and portable design of the PRUNUS J-02, illustrating its dimensions and light weight with a foldable handle.

Easy to Use

Designed for effortless operation, especially for seniors

Band Selector: MUSIC / FM / AM / SW1 / SW2

Tuning Knob

Bass/Treble knob

Power/Volume Knob

A close-up of the PRUNUS J-02's controls, highlighting its large, easy-to-use knobs and switches for effortless operation.

Videos

Official product video showcasing the PRUNUS J-02 radio's features and design.

A short preview video highlighting the retro look and modern sound of the PRUNUS J-02 radio.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your PRUNUS J-02 radio, please refer to the contact details provided in the product packaging or visit the official PRUNUS website. Keep your purchase receipt for warranty claims.