

PRUNUS J-120

PRUNUS J-120 Retro Portable AM/FM/SW Radio with Bluetooth

USER MANUAL

[Introduction](#) [Safety Information](#) [Package Contents](#) [Product Overview](#) [Setup](#) [Operating Instructions](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. Introduction

Thank you for purchasing the PRUNUS J-120 Retro Portable Radio. This device combines classic aesthetics with modern functionality, offering AM, FM, and SW radio reception, Bluetooth connectivity, and playback options via USB disk, TF card, and AUX input. This manual provides essential information for safe and efficient use of your radio.

2. Safety Information

- Do not expose the radio to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources or in direct sunlight for extended periods.
- Do not disassemble or attempt to repair the unit yourself. Refer all servicing to qualified personnel.
- Keep the radio away from strong magnetic fields.
- Use only the provided power adapter and charging cable.

3. Package Contents

Please check the box for the following items:

- PRUNUS J-120 Radio (x1)
- User Manual (x1)
- AC Power Cord (x1)
- USB Charging Cable (x1)



Image: Contents of the PRUNUS J-120 package.

4. Product Overview

Familiarize yourself with the controls and ports of your PRUNUS J-120 radio.

Front Panel Controls:

- **Volume Knob:** Controls power ON/OFF and volume level.
- **Tuning Knob:** Adjusts radio frequency for AM/FM/SW bands.
- **Band Selector Buttons:** Switches between FM, AM, SW, Bluetooth, USB, TF, and AUX modes.
- **Tuning Dial:** Displays the current radio frequency.

Rear Panel Ports:

- **Telescopic Antenna:** For improved radio reception.
- **AC Power Input:** Connects to the AC power cord for wall power.
- **DC 5V Charging Port (USB-C):** For charging the internal rechargeable battery.
- **USB Port:** For playing audio from a USB disk.
- **TF Card Slot:** For playing audio from a TF (MicroSD) card.
- **AUX Input Jack:** For connecting external audio devices.

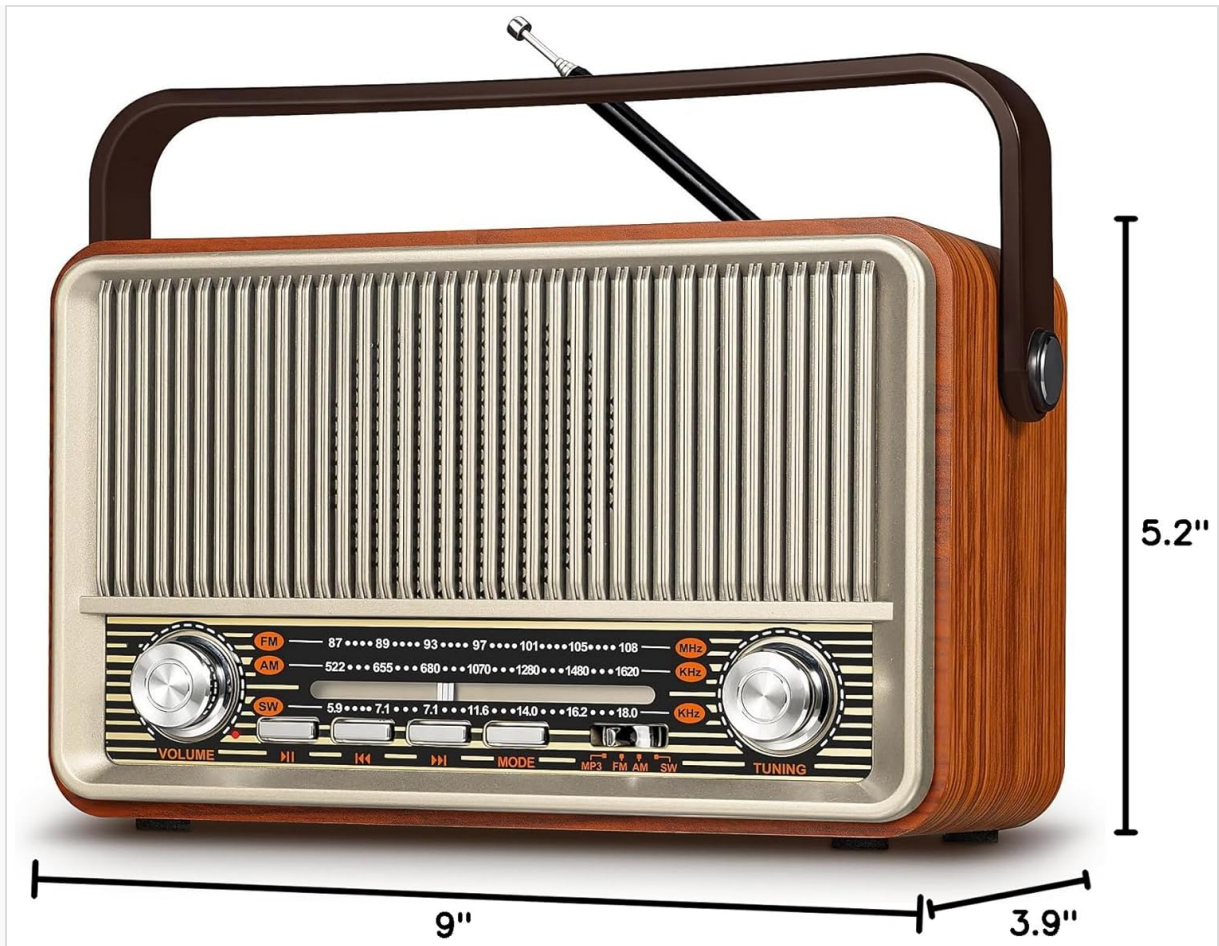


Image: Front view of the PRUNUS J-120 radio with dimensions.

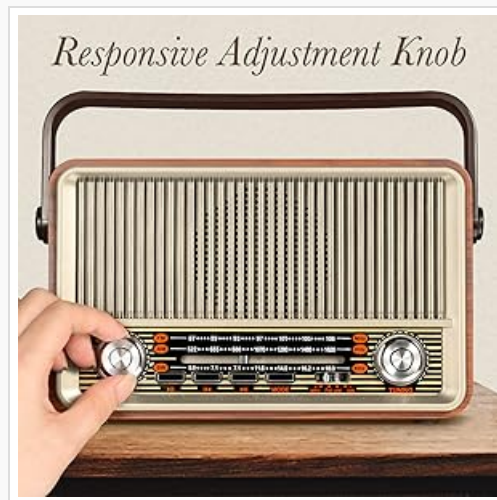


Image: Responsive Adjustment Knob.

Music Player & AC plug



Image: AC power input and media ports.

5. Setup

5.1 Powering the Radio

The PRUNUS J-120 offers two power options: AC power and a built-in rechargeable battery.

1. **AC Power:** Connect the provided AC power cord to the AC input on the rear of the radio and plug it into a standard wall outlet.
2. **Rechargeable Battery:** The radio has an internal 1800mAh rechargeable battery. To charge, connect the USB charging cable to the DC 5V charging port on the rear of the radio and a USB power source (e.g., computer, USB wall adapter). The charging indicator light will illuminate during charging.



Image: Two ways to supply power: AC plug-in and rechargeable battery.

Video: Demonstrates tuning the radio, connecting via Bluetooth, inserting a TF card, plugging in a USB disk, connecting an AUX cable, and charging the radio.

6. Operating Instructions

6.1 Power 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 volume and turn the radio OFF.

6.2 Radio Mode (AM/FM/SW)

1. Press the corresponding band selector button (FM, AM, or SW) to choose your desired radio band.
2. Extend the telescopic antenna for optimal reception, especially for FM and SW bands.
3. Slowly rotate the Tuning knob to scan for stations. The tuning dial will indicate the frequency.



Image: Radio with extended antenna for great reception.

6.3 Bluetooth Mode

1. Press the Bluetooth mode button. The radio will enter pairing mode, indicated by an audible prompt.
2. On your mobile device, enable Bluetooth and search for available devices. Select "PRUNUS J-120" to pair.
3. Once paired, you can play audio from your device through the radio.



Image: Bluetooth connection setup.

6.4 USB Disk / TF Card Playback

1. Insert a USB disk into the USB port or a TF (MicroSD) card into the TF card slot on the rear of the radio.
2. Press the corresponding mode button (USB or TF) to switch to the playback mode.
3. The radio will automatically detect and play audio files from the inserted storage device.

6.5 AUX Input

1. Connect an external audio device (e.g., smartphone, MP3 player) to the AUX input jack on the rear of the radio using a 3.5mm audio cable (not included).
2. Press the AUX mode button.
3. Play audio from your external device, and the sound will be output through the radio's speaker.

7. Maintenance

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the radio regularly, even if not in use for extended periods.
- **Storage:** When storing the radio for a long time, ensure it is fully charged and stored in a cool, dry place.

8. Troubleshooting

Problem	Possible Cause	Solution
Radio does not turn on.	Battery is depleted or AC power is not connected.	Connect the AC power cord or charge the internal battery.

Problem	Possible Cause	Solution
Poor radio reception.	Antenna not extended, weak signal, or interference.	Extend the telescopic antenna fully. Try repositioning the radio. Avoid sources of electronic interference.
Bluetooth not connecting.	Radio not in pairing mode, device too far, or already connected to another device.	Ensure the radio is in Bluetooth mode and pairing. Move your device closer to the radio. Disconnect from other Bluetooth devices.
No sound from USB/TF/AUX.	Incorrect mode selected, file format not supported, or cable/device issue.	Ensure the correct mode (USB, TF, AUX) is selected. Check if audio files are in a supported format. Verify cable connections and external device functionality.

9. Specifications

Feature	Detail
Model Number	J-120
Product Dimensions	9 x 3.9 x 5.2 inches (L x W x H)
Item Weight	2.68 pounds
Connectivity Technology	Bluetooth
Tuner Technology	AM/FM/SW
Radio Bands Supported	3-Band (FM: 87-108MHz, AM: 522-1620KHz, SW: 5.9-18.0MHz)
Power Source	Battery Powered (1800mAh rechargeable) / AC Power
Included Components	Owner's Manual, AC Power Cord, USB Charging Cable

10. Warranty & Support

The PRUNUS J-120 radio comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or contact PRUNUS customer support.

If you encounter any issues or have questions regarding your product, please contact PRUNUS customer support through the retailer's platform or the official PRUNUS website. Please have your model number (J-120) and purchase information ready when contacting support.