PRUNUS J120

PRUNUS J-120 Portable Radio Instruction Manual

Model: J120 | Brand: PRUNUS

1. Introduction

Thank you for choosing the PRUNUS J-120 Portable Radio. This device combines classic retro design with modern functionality, offering AM, FM, and Shortwave (SW) radio reception, along with Bluetooth, TF card, USB disk, and AUX input for versatile audio playback. Its portable design and dual power options make it ideal for use at home or outdoors.



Image 1.1: Front view of the PRUNUS J-120 Portable Radio, showcasing its vintage design and controls.

2. Product Features

- **Multi-Band Radio:** Supports FM (87-108MHz), AM (522-1620KHz), and Shortwave (SW: 5.9-18.0MHz) frequencies for a wide range of stations.
- **Superior Reception:** Equipped with a high-quality DSP chip and a 16.6-inch, 360-degree rotary antenna for enhanced signal capture.
- **Multiple Playback Options:** Seamlessly connect via Bluetooth, or play music directly from a TF card, USB disk, or through the AUX input.
- **Dual Power Sources:** Operates on a built-in 1800mAh rechargeable battery for portability or via AC power for continuous use.
- **User-Friendly Design:** Features intuitive two-knob control for volume and tuning, along with a classic tuner dial for ease of operation.
- **Portable and Compact:** With dimensions of 9 x 3.9 x 5.2 inches and a weight of 2.1 lbs, it is easy to carry and fits well in various settings.



Image 2.1: The PRUNUS J-120 supports Bluetooth, Aux-in, USB drive, and TF card playback.

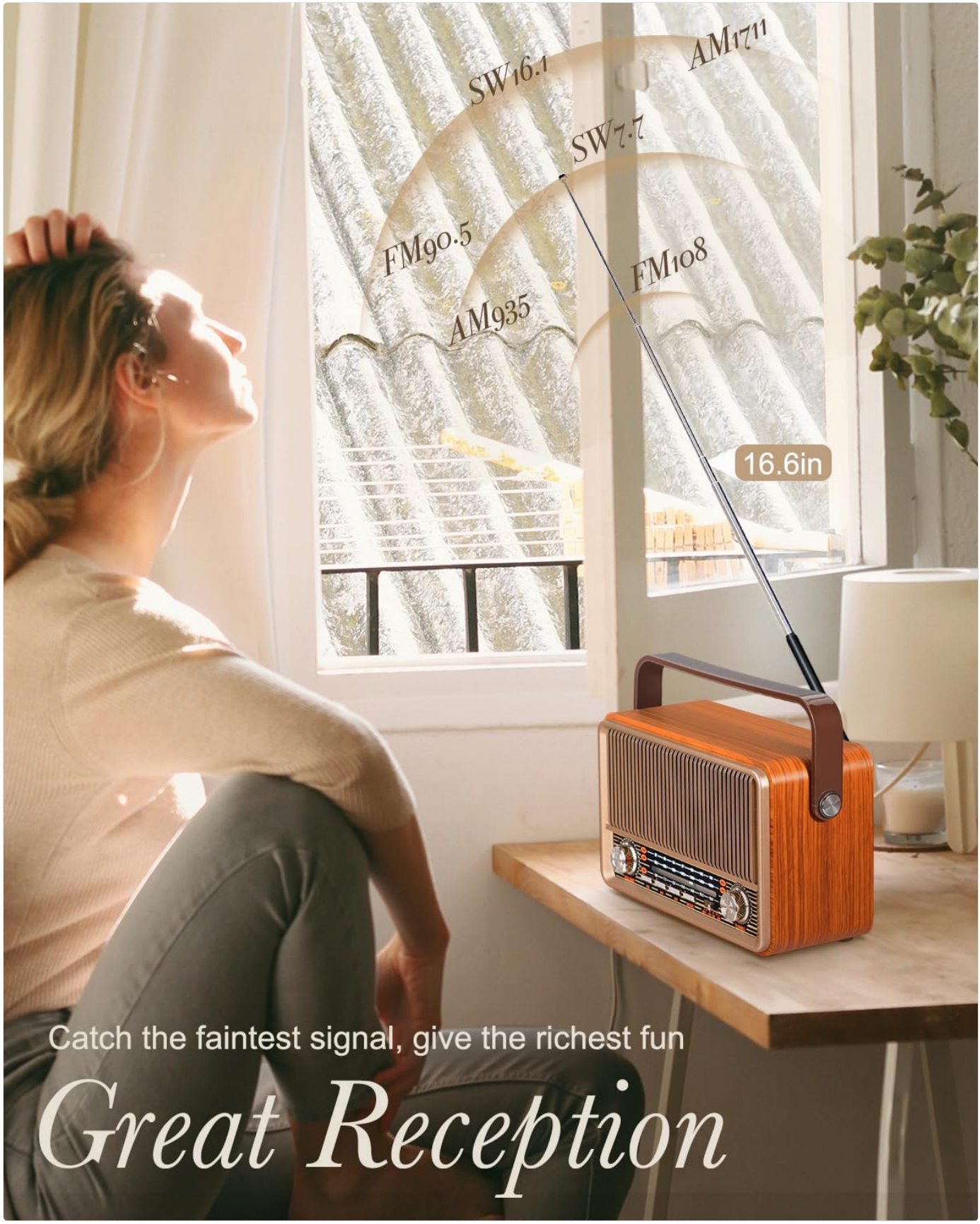


Image 2.2: The radio features a long, rotatable antenna for optimal signal reception.

3. Package Contents

Upon opening the package, please ensure all the following items are present and in good condition:

- PRUNUS J-120 Radio Unit x 1
- User Manual x 1

- AC Power Cord x 1
- USB Charging Cable x 1



Image 3.1: Visual representation of the items included in the PRUNUS J-120 product box.

4. Setup

4.1 Power Supply

The PRUNUS J-120 can be powered by its internal rechargeable battery or directly from an AC outlet.

- **AC Power:** Connect the provided AC power cord to the radio's AC input port and plug the other end into a standard wall outlet.
- **Rechargeable Battery:** The radio has a built-in 1800mAh rechargeable battery. To charge, connect the USB charging cable to the radio's DC 5V port and a USB power source (e.g., computer, USB wall adapter).

Note: To prolong battery life, unplug the AC power cord when the radio is not in use and fully charge the battery before first use.



Image 4.1: The radio can be powered via AC plug-in or its internal rechargeable battery.



Image 4.2: Close-up of the AC power input and other ports on the back of the radio.

4.2 Antenna Adjustment

For optimal radio reception, extend the telescopic antenna fully and rotate it 360 degrees to find the best signal. For AM reception, the internal antenna is generally sufficient, but adjusting the radio's orientation may improve signal quality.

5. Operating Instructions

5.1 Basic Controls

- **Power On/Off & Volume:** Rotate the left knob (labeled 'VOLUME') clockwise to turn on the radio and increase volume. Rotate counter-clockwise to decrease volume and turn off.
- **Tuning:** Rotate the right knob (labeled 'TUNING') to scan through radio frequencies. The frequency dial will indicate the current station.
- **Mode Selection:** Use the 'MODE' button to switch between different playback modes: FM, AM, SW, Bluetooth, AUX, TF Card, and USB.



Image 5.1: The responsive adjustment knobs allow for easy control of volume and tuning.

5.2 Radio Operation (AM/FM/SW)

1. Turn on the radio using the VOLUME knob.
2. Press the MODE button to select the desired band (FM, AM, or SW).
3. Extend and adjust the telescopic antenna for optimal reception.
4. Slowly rotate the TUNING knob until you find your desired station.

5.3 Bluetooth Pairing

1. Turn on the radio.
2. Press the MODE button until 'Bluetooth' mode is selected (indicated by a specific light or sound cue).
3. On your mobile device, enable Bluetooth and search for available devices.
4. Select 'J-120' from the list to pair. Once connected, you can play audio from your device through the radio.



Image 5.2: The radio offers a dependable Bluetooth connection for wireless audio streaming.

5.4 USB Disk / TF Card Playback

1. Insert a USB disk into the USB port or a TF card into the TF card slot.
2. Press the MODE button to select 'USB' or 'TF Card' mode.
3. The radio will automatically detect and begin playing audio files from the inserted storage device.

5.5 AUX Input

1. Connect an external audio device (e.g., MP3 player, smartphone) to the radio's AUX input port using a 3.5mm audio cable (not included).
2. Press the MODE button to select 'AUX' mode.

3. Play audio from your external device, and the sound will be output through the radio's speaker.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the radio's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To maintain battery health, avoid completely draining the battery frequently. If storing for a long time, charge the battery to about 50% every few months.
- **Water Exposure:** This radio is not waterproof. Avoid exposure to water or high humidity.

7. Troubleshooting

Problem	Possible Cause	Solution
No power	Battery drained; AC cord not connected properly.	Charge the battery or connect to AC power. Ensure connections are secure.
Poor radio reception	Antenna not extended/adjusted; weak signal area.	Fully extend and rotate the antenna. Try moving the radio to a different location.
Bluetooth not connecting	Radio not in Bluetooth mode; device too far; already connected to another device.	Ensure radio is in Bluetooth mode. Move device closer. Disconnect from other devices.
USB/TF card not playing	Incorrect mode; unsupported file format; corrupted card/disk.	Select correct mode. Ensure files are supported (e.g., MP3). Try a different card/disk.

8. Specifications

- **Model:** J120
- **Product Dimensions:** 9.1 x 3.9 x 5.2 inches (L x W x H)
- **Item Weight:** 2.1 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 Powered

9. Warranty and Support

PRUNUS products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the contact information provided on the product packaging or visit the official PRUNUS website. Please retain your purchase receipt as proof of purchase for any warranty claims.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Does the PRUNUS J-120 portable radio have a backlit display?

Based on the product manual and specifications for the PRUNUS J-120, the device features a classic analog tuner dial rather than a digital display. The manual does not mention a backlight for the frequency...

Read full answer