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› PRUNUS J-120 Portable AM/FM/SW Radio User Manual

PRUNUS J-120

PRUNUS J-120 Portable AM/FM/SW Radio User Manual

Model: J-120

1. INTRODUCTION

The PRUNUS J-120 is a versatile portable radio designed for both indoor and outdoor use. It features AM, FM, and Shortwave (SW) bands, along with modern connectivity options including Bluetooth, AUX input, USB disk playback, and TF card playback. The radio can be powered by an AC connection or its built-in rechargeable battery, offering flexibility for various environments.



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

2. SAFETY INFORMATION

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid disassembling the radio. Refer all servicing to qualified personnel.
- Keep the unit away from strong magnetic fields.
- Use only the specified power adapter and charging cable.
- Ensure proper ventilation when operating the device.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- PRUNUS J-120 Radio x 1
- User Manual x 1
- AC Power Cord x 1
- USB Charging Cable x 1
- Antenna (integrated)



Image 3.1: Illustration of the PRUNUS J-120 radio and its included accessories: user manual, AC power cord, and USB charging cable.

4. SETUP

4.1 Powering the Radio

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

1. **AC Power:** Connect the provided AC power cord to the radio's AC input port and then to a standard wall outlet. This powers the radio and charges the internal battery.
2. **Rechargeable Battery:** The radio contains an internal rechargeable battery. To charge, connect the USB charging cable to the radio's DC 5V input and a USB power source (e.g., computer, USB wall adapter). A full charge ensures portable operation.

2 Ways to Supply Power



Image 4.1: Visual representation of the two power supply methods: AC plug-in for indoor use and rechargeable battery for portable use, with a close-up of the DC 5V charging port.



Image 4.2: A hand connecting the AC power cord to the back of the PRUNUS J-120 radio, highlighting the AC input and other ports like USB and AUX.

4.2 Antenna Adjustment

For optimal radio reception, extend the telescopic antenna fully and rotate it to find the clearest signal. The antenna can rotate 360 degrees.

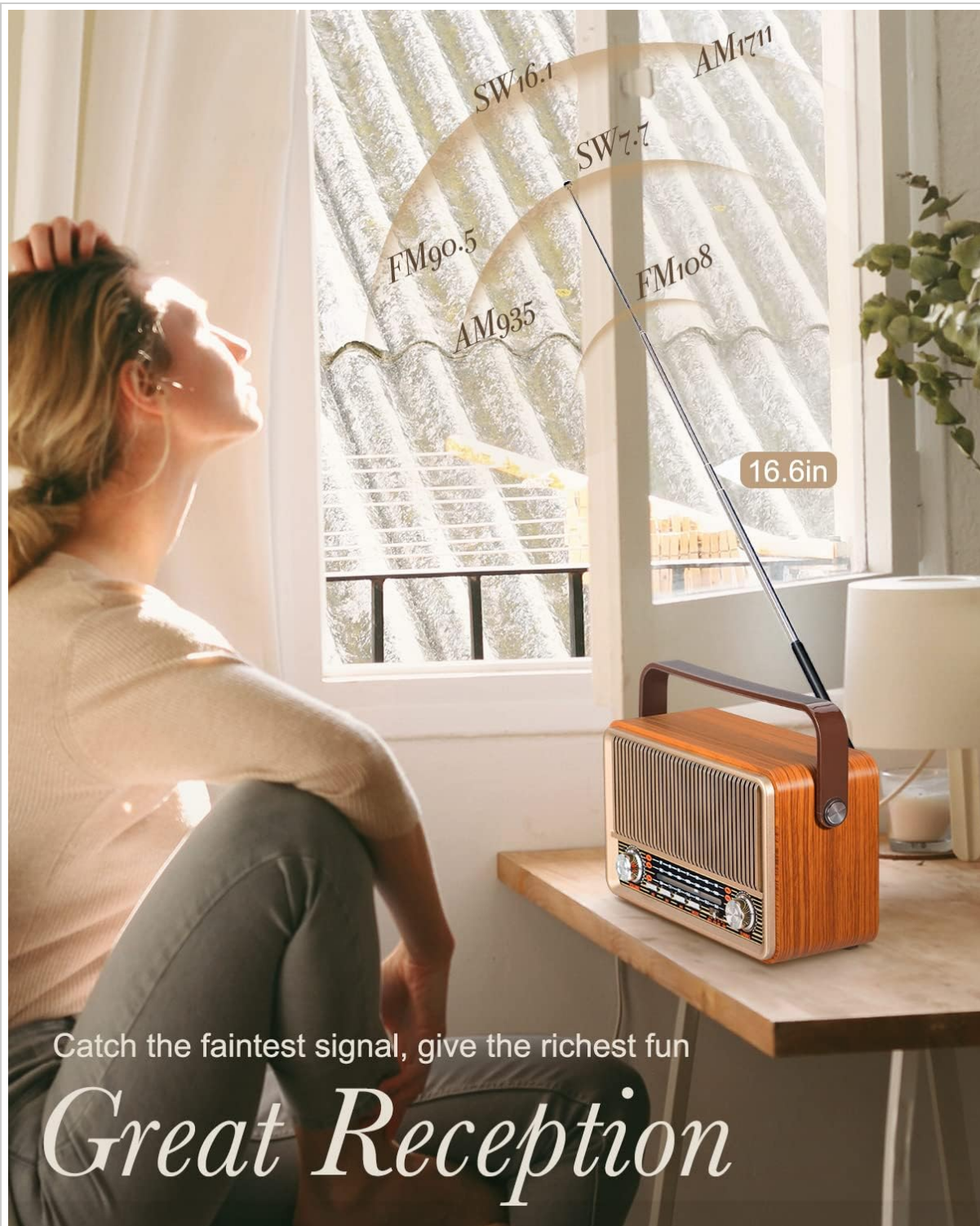


Image 4.3: A person adjusting the telescopic antenna of the PRUNUS J-120 radio, illustrating how to optimize signal reception for AM, FM, and SW bands.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

- **Power On/Off:** Use the dedicated power switch or knob to turn the radio on or off.
- **Volume Control:** Rotate the VOLUME knob to adjust the audio output level.
- **Tuning:** Rotate the TUNING knob to scan through radio frequencies in AM, FM, or SW mode.
- **Mode Selection:** Press the MODE button to switch between different playback sources: FM, AM, SW, Bluetooth, AUX, USB, and TF card.



Image 5.1: A close-up view of the PRUNUS J-120 radio's front panel, highlighting the volume and tuning knobs and the frequency display.

5.2 Radio Operation (AM/FM/SW)

1. Turn on the radio.
2. Press the MODE button until the desired band (FM, AM, or SW) is selected.
3. Extend and adjust the antenna for optimal reception.
4. Rotate the TUNING knob to find your desired station. The frequency will be displayed on the dial.

5.3 Bluetooth Playback

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



Image 5.2: A smartphone screen displaying Bluetooth pairing options, with "J-120" selected, indicating a successful connection to the PRUNUS radio.

5.4 USB Disk and TF Card Playback

1. Insert a USB disk into the USB port or a TF card into the TF card slot on the radio.
2. Press the MODE button to select "USB" or "TF" mode.
3. The radio will automatically begin playing audio files from the inserted storage device. Use the playback control buttons (Play/Pause, Next/Previous) to manage your music.

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. Audio from the connected device will now play through the radio. Control playback from your external device.

Let Music Go On

5W amplifier speaker delivers mellow yet loud sound



Bluetooth Aux-in USB drive TF card

Image 5.3: An illustration of the PRUNUS J-120 radio's multi-functional capabilities, including Bluetooth, AUX-in, USB drive, and TF card playback, providing diverse music listening options.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the radio. Do not use liquid cleaners or abrasive materials.
- **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 prolong battery life, avoid fully discharging the battery frequently. Charge the radio regularly, even if not in constant use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery discharged; 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.
No sound from Bluetooth/USB/TF	Incorrect mode selected; volume too low; device not paired (Bluetooth); corrupted files (USB/TF).	Ensure correct mode is selected. Increase volume. Re-pair Bluetooth device. Check USB/TF files on another device.
Humming sound when plugged in (reported by some users)	Electrical interference or minor component noise.	Try a different power outlet. If persistent and disruptive, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	PRUNUS
Model Number	J-120
Radio Bands Supported	FM (87-108MHz), AM (522-1620KHz), SW (5.9-18.0MHz)
Connectivity Technology	Bluetooth, Auxiliary, USB, TF Card
Power Source	AC Power, Rechargeable Battery (1800mAh)
Product Dimensions	9"L x 3.9"W x 6.2"H (22.86 x 9.91 x 15.75 cm)
Item Weight	2.57 pounds (1.17 kg)
Included Components	Antenna, AC Power Cord, USB Charging Cable, User Manual

Timeless Vintage Style

Go well with your furniture, show off your taste



Image 8.1: The PRUNUS J-120 radio displayed with its approximate dimensions (9 x 3.9 x 5.2 inches) for reference.

9. WARRANTY AND SUPPORT

PRUNUS products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or the official PRUNUS website. Keep your purchase receipt as proof of purchase for warranty claims.