

PRUNUS J-110

PRUNUS J-110 Portable Vintage Radio User Manual

Model: J-110
Brand: PRUNUS

1. INTRODUCTION

Thank you for choosing the PRUNUS J-110 Portable Vintage Radio. This manual provides essential information for the safe and efficient operation of your device. The J-110 is a versatile radio featuring FM, AM, and SW bands, along with modern connectivity options like Bluetooth, TF card, and USB playback. Its classic wooden design and portable nature make it an ideal companion for various settings.

Important Safety Information

- Always remove D-type batteries from the radio when charging the internal rechargeable battery or operating via AC power. Failure to do so may cause damage to the radio or the batteries.
- Do not expose the radio to extreme temperatures, direct sunlight, or high humidity.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the radio yourself. Refer all servicing to qualified personnel.

2. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various parts and controls of your PRUNUS J-110 radio.



Figure 2.1: Front view of the PRUNUS J-110 Portable Vintage Radio, showcasing its classic wooden design, speaker grille, tuning dial, and control knobs.

Retro Design

The retro design that can bring back the nostalgic moments of the good old days.



Figure 2.2: Side view illustrating the dimensions of the PRUNUS J-110 radio: 230mm (9.06in) length, 100mm (3.94in) width, and 150mm (5.9in) height, with a weight of 1230g (2.71lb).

Easy To Use

A soft backlit display and the simple knobs layout, and with a detailed manual included make it easy to operate the radio.



Step 1 : Turn it ON



Step 2 : Select Mode



Step 3 : Tuning to stations



Figure 2.3: Detailed view of the radio's front panel, highlighting the Volume knob, Band switch (MP3, FM, AM, SW), Tuning knob with a magnifier, and the charging indicator light.

Controls and Ports:

- **Volume Knob:** Adjusts the audio output level.
- **Band Switch:** Selects between MP3/Bluetooth, FM, AM, and SW radio bands.
- **Tuning Knob:** Fine-tunes radio frequencies for optimal reception. Features a 270° rotation and a built-in magnifier for precision.
- **Charging Indicator:** Light that indicates the charging status of the internal battery.
- **Telescopic Antenna:** Extendable metal antenna for improved FM and SW reception.
- **Micro SD/TF Card Slot:** For playing audio files from a Micro SD or TF card (up to 32GB).
- **USB Flash Drive Port:** For playing audio files from a USB flash drive (up to 32GB).
- **AUX Jack:** For connecting external audio devices.
- **AC Power Input:** For connecting the radio to a wall outlet using the provided European plug.
- **D-type Battery Compartment:** For optional D-type batteries (not included).

3. SETUP

Powering Your Radio

The PRUNUS J-110 offers multiple power options:

1. **AC Power:** Connect the provided AC power cord to the radio's AC input and plug it into a standard wall outlet.
2. **Built-in Rechargeable Battery:** The radio comes with a built-in 1200 mAh rechargeable battery. It will charge automatically when connected to AC power. The charging indicator light will show its status.
3. **D-type Batteries:** For portable use without AC power, you can insert D-type batteries (not included) into the battery compartment. *Remember to remove D-type batteries when charging the internal battery or using AC power to prevent damage.*

Initial Charge

Before first use, it is recommended to fully charge the built-in battery. Connect the radio to AC power and allow it to charge until the charging indicator shows a full charge (if applicable, refer to indicator behavior in specifications).

4. OPERATING INSTRUCTIONS

Radio Operation (FM/AM/SW)

1. **Turn On:** Rotate the Volume knob clockwise to turn on the radio and adjust to a comfortable listening level.
2. **Select Band:** Use the Band switch to select your desired radio band: FM, AM, or SW.
3. **Tune Stations:** Slowly rotate the Tuning knob to scan for radio stations. The built-in magnifier on the dial will assist in precise tuning. Extend the telescopic antenna for better FM and SW reception.

Meet Outstanding Reception

A combination of the latest DSP processor, high sensitivity copper antenna and the wide 270° Dial Knob provide more precise and stable AM/FM/SW stations.



Figure 4.1: Illustration of the radio's advanced DSP processor and high-sensitivity copper antenna, which contribute to precise and stable AM/FM/SW station reception.

Bluetooth Playback

1. **Select Bluetooth Mode:** Switch the Band knob to the "MP3" position. The radio will enter Bluetooth pairing mode.
2. **Pair Device:** On your smartphone, tablet, or other Bluetooth-enabled device, search for "PRUNUS J-110" (or similar name) in the Bluetooth settings and connect.
3. **Play Music:** Once connected, you can play audio from your device through the radio's speaker. The Bluetooth range is approximately 10 meters (33 feet).

TF Card / USB Flash Drive Playback

1. **Insert Media:** Insert a Micro SD/TF card or a USB flash drive (up to 32GB, formatted to FAT32) containing MP3 audio files into the respective slot/port.
2. **Select MP3 Mode:** Switch the Band knob to the "MP3" position. The radio will automatically detect and begin playing audio files from the inserted media.

AUX Input Playback

1. **Connect Device:** Use a 3.5mm audio cable (not included) to connect your external audio device (e.g., MP3 player, computer) to the AUX jack on the radio.
2. **Select AUX Mode:** The radio should automatically switch to AUX mode when a cable is inserted, or you may need to select the appropriate mode via the Band switch if available.



Figure 4.2: Diagram illustrating the universal compatibility of the PRUNUS J-110 radio, supporting Bluetooth, MP3 format playback from Micro SD/TF cards and USB flash drives, and AUX input from devices like smartphones, tablets, and laptops.

5. MAINTENANCE

Cleaning

To maintain the appearance and functionality of your radio:

- Wipe the exterior with a soft, dry cloth.

- Do not use abrasive cleaners, waxes, or solvents.

Battery Care

- If the radio will not be used for an extended period, fully charge the internal battery and store it in a cool, dry place.
- Remove D-type batteries if the radio is not in use for a long time to prevent leakage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery depleted; AC cord not connected; D-type batteries inserted during AC operation/charging.	Charge the internal battery; ensure AC cord is securely connected; remove D-type batteries if using AC power or charging.
Poor radio reception	Antenna not extended; weak signal area; interference.	Fully extend the telescopic antenna; reposition the radio for better signal; move away from electronic devices causing interference.
No sound	Volume too low; incorrect mode selected; media not inserted/corrupted.	Increase volume; ensure correct band/mode (FM/AM/SW, Bluetooth, MP3, AUX) is selected; check if TF card/USB is properly inserted and contains valid MP3 files.
Bluetooth not connecting	Radio not in pairing mode; device too far; Bluetooth disabled on external device.	Ensure radio is in "MP3" mode for Bluetooth pairing; bring devices closer (within 10m); enable Bluetooth on your external device and re-scan.

7. SPECIFICATIONS

Feature	Detail
Brand	PRUNUS
Model Number	J-110
Color	Silver
Connectivity Technology	Bluetooth
Special Features	Portable, Rechargeable
Compatible Devices	Smartphone, Tablet, Laptop, MP3 Player
Battery Composition	Lithium-ion (1 included)
Rechargeable Battery	Yes (1200 mAh internal)
Product Dimensions	24.5L x 18W x 13H cm
Tuning Technology	FM, AM, SW (3 bands)
Style	Retro
Power Source	D-type batteries, 1200 mAh battery, AC current

Feature	Detail
Supported Media	Micro SD/TF card (up to 32GB), USB Flash Drive (up to 32GB)
Speaker Output	5W

8. WARRANTY AND SUPPORT

PRUNUS is committed to providing quality products and customer satisfaction.

- For any product inquiries, technical assistance, or support, please contact PRUNUS customer service.
- PRUNUS offers 24/7 customer support. Please refer to the product packaging or the official PRUNUS website for contact details.
- Information regarding spare parts availability and software update guarantees is not available at this time.

Why choose our J-110 model radio?

WE HAVE	J-110 MODEL	OTHER VINTAGE RADIOS
Wired antenna	✓	—
Charging indicator	✓	—
AM/FM/Shortwave radio	✓	—
Big frequency scale	✓	—
Convenient portable handle	✓	—
Three power supply options	✓	—
Support SD card/USB drive/AUX	✓	—
Call help support	✓	—

Figure 8.1: A comparison table highlighting key features of the J-110 model, including wired antenna, charging indicator, AM/FM/Shortwave radio, big frequency scale, portable handle, three power supply options, and support for SD card/USB drive/AUX, and call help support.

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