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- › PRUNUS J-150BTS Small Retro Vintage Radio Bluetooth User Manual

PRUNUS J-150

PRUNUS J-150BTS User Manual

MODEL: J-150BTS

1. Product Overview

The PRUNUS J-150BTS is a versatile retro-style portable radio featuring AM/FM/SW bands, Bluetooth connectivity, and multiple power options including solar, USB, and D batteries. It is designed for ease of use and provides clear sound for various listening environments.



Figure 1.1: PRUNUS J-150BTS Retro Radio. This image displays the front view of the radio, highlighting its vintage design, solar panel on top, and control knobs.

Key Features:

- **Multiple Power Options:** USB charging, built-in 1200mAh rechargeable battery, 2*D battery compatibility (not included), and an integrated solar panel (4.1 x 2.3 x 0.1in) for sustainable power.
- **Portable Design:** Compact size (17.3 x 9.1 x 11cm) and lightweight (544g) with a convenient handle for easy transport.
- **Excellent Reception:** Covers FM (88-108 MHz), AM (530-1710KHz), and Short Wave (5.9-18.0MHz) bands, equipped with a 13.7-inch telescopic antenna and DSP chip for enhanced signal reception.
- **User-Friendly Controls:** Intuitive tuning knobs for simple operation, suitable for all ages.
- **Versatile Audio Playback:** Supports Bluetooth 5.0 for wireless streaming, TWS (True Wireless Stereo) for pairing two J-150BTS units, and direct playback from USB drives and TF cards.

2. Setup

2.1 Power Supply Options

The PRUNUS J-150BTS offers three convenient ways to power the device:

1. **USB Charging:** Connect the provided USB cable to the radio's charging port and a standard USB power adapter (not included). The built-in 1200mAh battery will charge, providing long-lasting operation.
2. **D Batteries:** For extended use without access to power outlets, insert two D-size batteries (not included) into the battery compartment located on the back of the radio. Ensure correct polarity.
3. **Solar Panel:** The integrated solar panel on top of the radio allows for continuous charging when exposed to direct sunlight. This is ideal for outdoor activities and emergencies.

3 Ways of Power Supply

Never worry about running out of power



Figure 2.1: Power Supply Options. This image illustrates the three power methods: solar panel charging outdoors, USB charging indoors, and the compartment for D batteries.

2.2 Initial Charge

Before first use, it is recommended to fully charge the internal 1200mAh battery using the USB charging method. This ensures optimal battery performance and longevity.

3. Operating Instructions

3.1 Controls Overview

The PRUNUS J-150BTS features simple, intuitive controls:

- **Volume Knob:** Located on the left, turn clockwise to increase volume and counter-clockwise to decrease. This knob also serves as the power ON/OFF switch.
- **Tuning Knob:** Located on the right, turn to scan and select radio frequencies.
- **Band Selector Switch:** A switch to select between FM, AM, and SW bands.
- **Mode Switch:** A switch to select between Radio mode and Bluetooth/Media playback mode.

Fewer Buttons, Easier Operation

Never confusing, suitable for all ages



Weight:
1.2lb

4.2in

3.7in

6.7in

Figure 3.1: Simple Controls. This image highlights the radio's compact size and the two main control knobs for volume and tuning, emphasizing ease of use.

3.2 Radio Operation (FM/AM/SW)

1. **Power On:** Turn the Volume knob clockwise until you hear a click.
2. **Select Band:** Use the band selector switch to choose FM, AM, or SW.
3. **Extend Antenna:** For optimal reception, fully extend the telescopic antenna. For AM/SW, try rotating the radio for

better signal.

4. **Tune Station:** Slowly rotate the Tuning knob to find your desired radio station. The analog display will indicate the frequency.

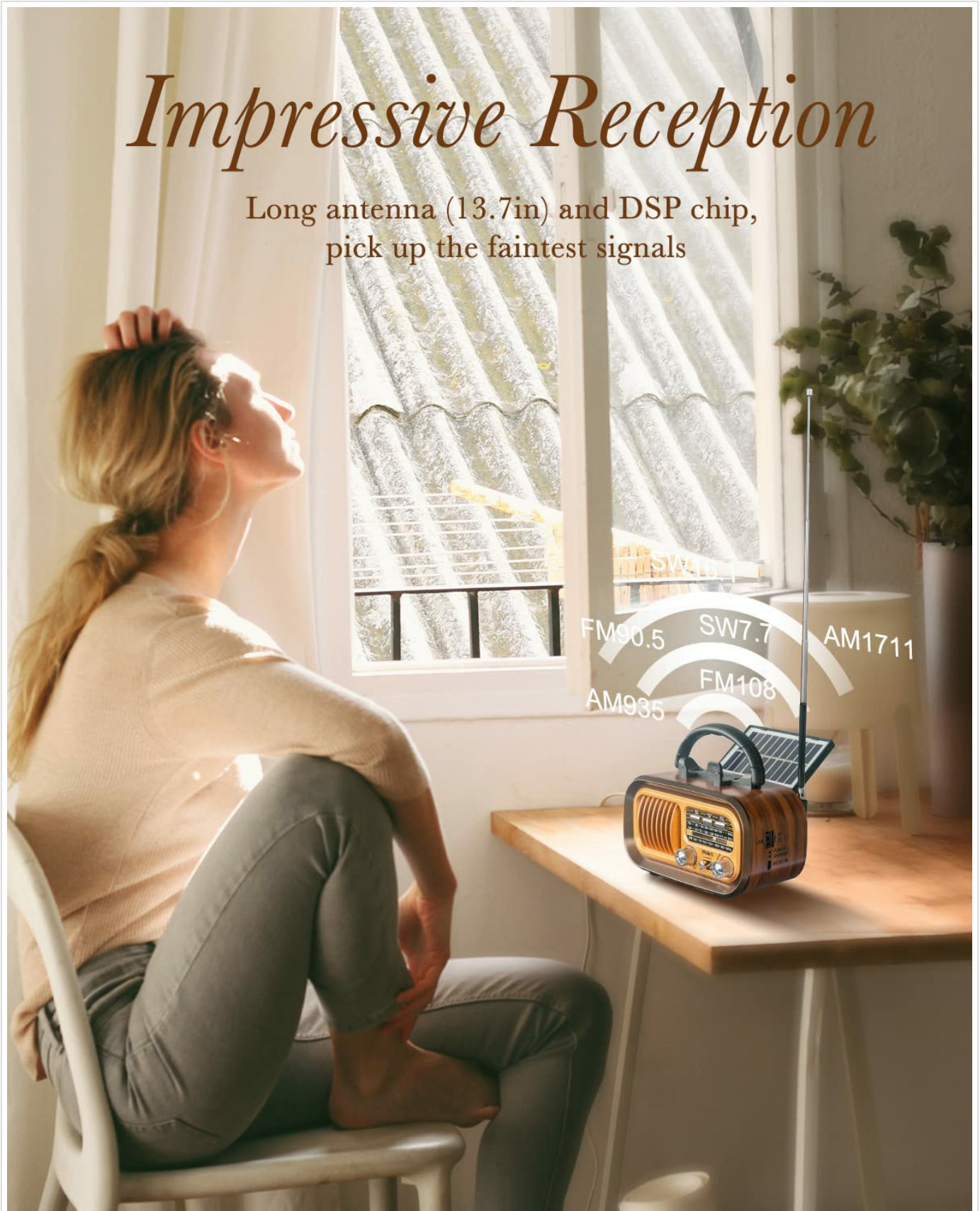


Figure 3.2: Impressive Reception. This image shows the radio with its extended antenna, demonstrating its capability to pick up faint signals, even indoors.



Figure 3.3: 3 Bands - FM/AM/SW. This image visually represents the radio's ability to receive signals across FM, AM, and Short Wave bands.

3.3 Bluetooth Operation

1. **Switch to Bluetooth Mode:** Move the Mode switch to the Bluetooth position. The radio will indicate it is ready for pairing.
2. **Pairing:** On your mobile device, enable Bluetooth and search for available devices. Select "PRUNUS J-150BTS" from the list to connect.
3. **TWS Function (True Wireless Stereo):** If you have two J-150BTS radios, you can pair them together for a stereo sound experience. Follow the specific TWS pairing instructions provided in a separate guide or contact support for details.



Feel stereo sound
from double speakers

Bluetooth Connection-TWS

Figure 3.4: Bluetooth Connection-TWS. This image illustrates how two J-150BTS radios can be paired via Bluetooth for a stereo sound experience.

3.4 TF Card / USB Playing

The radio supports playing audio files directly from a TF (MicroSD) card or a USB flash drive.

1. **Insert Media:** Insert your TF card into the TF card slot or your USB drive into the USB port.
2. **Select Mode:** Ensure the Mode switch is set to the appropriate media playback mode (usually the same as Bluetooth mode, or it may auto-detect).
3. **Playback:** The radio will automatically begin playing audio files from the inserted media. Use the control buttons (if available, or refer to specific model instructions) to navigate tracks.

Wonderful Music Journey

Clear and rich sound will spread to every corner



Loud Speaker



Bluetooth Speaker



USB Disk



TF Card

Figure 3.5: Wonderful Music Journey. This image showcases the radio's versatility in playing music via Bluetooth, USB disk, and TF card, providing clear and rich sound.

3.5 Cell Phone Stand Function

The radio is designed with a convenient slot on top that can serve as a stand for your smartphone, allowing you to watch videos or view content while listening to audio through the radio's speaker.



Cell Phone Stand

Figure 3.6: Cell Phone Stand. This image demonstrates the radio's built-in slot for holding a smartphone, enhancing its utility.

4. Maintenance

4.1 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 as they may damage the finish.

4.2 Battery Care

- **Rechargeable Battery:** For optimal battery life, avoid fully discharging the internal battery frequently. Recharge the radio when the battery indicator is low. If storing the radio for an extended period, charge it to about 50% every few months.
- **D Batteries:** If using D batteries, remove them if the radio will not be used for a long time to prevent leakage and damage.

4.3 Solar Panel Care

Keep the solar panel clean and free of dust or debris to ensure efficient charging. Gently wipe the panel with a soft, damp cloth if it becomes dirty.

5. Troubleshooting

If you encounter issues with your PRUNUS J-150BTS radio, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power / Radio does not turn on	Battery depleted; D batteries inserted incorrectly or dead; Power knob not turned on.	Charge the internal battery via USB; Check D battery polarity and replace if necessary; Ensure Volume knob is turned clockwise to power on.
Poor radio reception	Antenna not extended; Weak signal area; Interference.	Fully extend the telescopic antenna; Try repositioning the radio or rotating it for better signal; Move away from electronic devices causing interference.
Bluetooth not connecting	Radio not in Bluetooth mode; Device not in pairing mode; Already connected to another device.	Ensure Mode switch is set to Bluetooth; Make sure your device's Bluetooth is on and searching; Disconnect from other devices and try pairing again.
TF card / USB not playing	Incorrect file format; Media not inserted correctly; Corrupted media.	Ensure audio files are in a supported format (e.g., MP3); Reinsert the TF card or USB drive firmly; Try a different TF card or USB drive.

If the problem persists after trying these solutions, please contact customer support.

6. Specifications

Detailed specifications for the PRUNUS J-150BTS radio:

Feature	Detail
Brand	PRUNUS
Model	J-150
Product Dimensions	17.5 x 9.2 x 11.1 cm
Item Weight	544 g
Tuner Technology	FM
Radio Bands Supported	FM (88-108 MHz), AM (530-1710KHz), Short Wave (5.9-18.0MHz)
Connectivity Technology	Bluetooth
Bluetooth Version	5.0
Special Features	Solar Panel Charging, TWS, TF Card/USB Playback

Feature	Detail
Display Type	Analogue/Analog
Internal Battery	1200mAh Lithium Ion (included)
External Battery Support	2 x D batteries (not included)
Compatible Devices	Smartphone, Laptop, Tablet, MP3 Player, USB Drive, TF Card



Figure 6.1: Product Dimensions. This image provides a visual representation of the radio's measurements: 17.5cm length, 9.2cm width, and 11.1cm height.

7. Warranty and Support

PRUNUS is committed to providing high-quality products and customer satisfaction. For any pre-sale queries, post-purchase quality issues, or return/exchange related concerns, please feel free to contact us.

Customer Support Email: prunus-in@hotmail.com

PRUNUS has been a trusted brand since 2016, focusing on product quality and customer support.

ASK A QUESTION ABOUT THIS MANUAL

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Question

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

Details

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