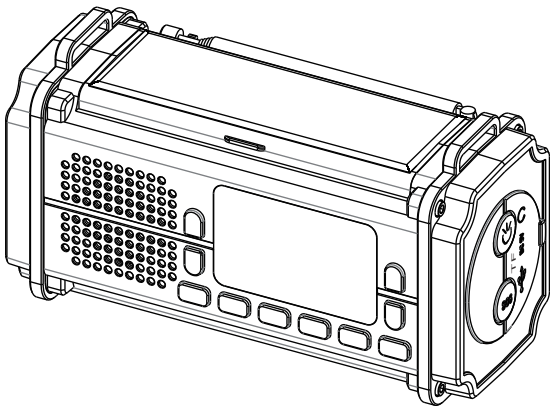


# PRUNUS

## J-924WB Emergency Radio User Manual



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## PREFACE

Thank you for purchasing PRUNUS J-924WB radio. In order to get the best from the radio, please read this manual carefully before using and take special notice of the section on precautions. And please keep it for future reference.

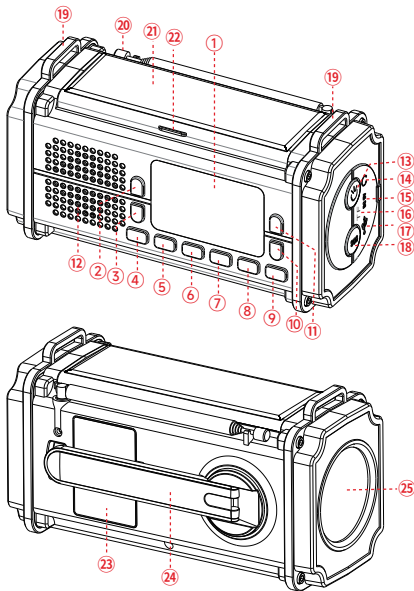
## I PRECAUTIONS

**Maintenance Tip:** It is recommended to avoid using the flashlight, playing, and power bank functions simultaneously during regular use of the radio. This helps reduce load and overheating, extend the lifespan of the mainboard and battery, and ensure long-term stable operation of the device.

1. For the first-time use or if left unused for more than 60 days, it is necessary to charge via the USB-C port for 60 minutes before use.
2. This product should not be subjected to strong impacts or drops and should not come into contact with corrosive liquids.
3. When using this device, avoid excessive discharging to prevent a reduction in the internal battery's lifespan or damage to the rechargeable battery.
4. Avoid direct exposure of the flashlight's light to the eyes, as intense light can cause eye damage.
5. Keep the radio away from magnets and magnetic fields.
6. To resolve the issue of the machine freezing or experiencing delays, press and hold <④ Power Switch> for 10-15s to restart the device.

# PRODUCT INTRODUCTION

## 1. Product Components



- ① Display
- ② VOL+: Increase volume
- ③ VOL-: Decrease volume
- ④ Power Switch
- ⑤ TIME MODE: Bluetooth / TF Card / USB Drive
- ⑥ BAND ALARM: Select band / Set alarm clock
- ⑦ M-: Previous Stored Station
- ⑧ M+: Next Stored Station
- ⑨ SCAN: Play / Pause / Auto-search for stations
- ⑩ TUNE ▼ : Previous
- ⑪ TUNE ▲: Next
- ⑫ Speaker
- ⑬ Flashlight Switch
- ⑭ Earphone Jack
- ⑮ DC 5V Charging Port
- ⑯ TF Card Slot
- ⑰ USB Drive Slot
- ⑱ SOS
- ⑲ Carrying Strap
- ⑳ Telescopic Antenna
- ㉑ Solar Panel
- ㉒ Reading Light
- ㉓ Battery Compartment
- ㉔ Hand Crank
- ㉕ LED Bulb

## 2. Product Specifications

- 1) **Model:** J-924
- 2) **Band:** FM: 87-108MHz; MW(AM) 520-1710kHz, SW 3.20-21.850MHz,  
WB 162.400-162.550MHz
- 3) **Bluetooth Version:** 5.0
- 4) **Transmission Distance:** 10 meters
- 5) **Built-in Battery:** 10000mAh / 3.7V Li-ion
- 6) **Speaker:** 4Ω 3W (internal magnetic)
- 7) **Power Max:** approx. 3W
- 8) **Working Voltage:** 3.7V
- 9) **Output:** DC 5V 2A
- 10) **Dimensions:** 170 x 73 x 91mm
- 11) **Weight:** 580g
- 12) **Package Included:**  
Radio x 1, Carrying Strap x 1, USB-C Charging Cable x 1, User Manual x 1

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### **LED Flashlight**

- 1) **LED Model:** 1W 3030LED blub  
6500
- 2) **Working Current:** <=300mA
- 3) **LED Lifespan:** approx. 80000H
- 4) **Illuminance:** >10000Lux@120mm
- 5) **luminous flux:** 230LM

### **Reading Light:**

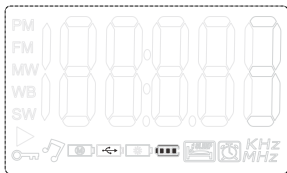
- 1)**LED Model:** 0.2W 2835LED blub  
6500K 12pcs
- 2)**Working Current:** <=300mA
- 3)**LED Lifespan:** approx. 80000H
- 4)**Illuminance:** >10000Lux@120mm
- 5)**luminous Flux:** 230LM

## 1. USB-C Charging

Connect the charging cable to the power adapter (not included).  
Insert one end into the <15> DC 5V Charging Port> port and the  
other end into a socket.

### Battery Level Icon Description:

-  battery level > 85%
-  50% < battery level <85%
-  30% < battery level <50%
-  15% < battery level <30%
-  battery level < 15%



**Notes:**

1. Please use DC 5V 2A power adapter. The built-in 10,000mAh battery takes about 8-12 hours to fully charge with a 5V/2A adapter and the included 2A cable.
2. When the voltage drops below 3.0V, a low voltage warning will appear. The radio and Bluetooth functions will be disabled, and only the LED and SOS features will remain operational. Please recharge the device promptly. Once the battery level is sufficient, all functions can be used again.
3. The built-in TYPE-C charging port is equipped with over-voltage protection. When the adapter voltage exceeds 6V, it will automatically cut off the charging. If it exceeds 29V, the protection will be ineffective, potentially damaging the device.

## 2. 3 x AAA Battery

Load 3 AAA batteries into battery compartment. Use AAA batteries when the built-in battery is dead. When the radio is powered by dry batteries, the battery level symbol on the screen will flash.



## 3. Solar Panel

Place the radio with the solar panel facing up in direct sunlight. The screen displays a battery symbol with a sun, indicating that the solar panel is charging the internal battery. The charging effect depends on the strength of sunlight; the stronger the light, the better the effect.



## 4. Hand Crank

Pull out the hand crank and spin it quickly. The screen shows a battery symbol with an “M” inside, indicating that the motor is generating power.



### **Note:**

For optimal charging efficiency, spin the handle at a steady speed of about 2–3 turns per second. The longer you spin, the more power the radio will receive.

## **IV** HOW TO USE

### 1. Power ON/OFF

**1) Power ON:** Press <④ Power Switch> to light up the display with the time. Press <④ Power Switch> again to enter the working mode before shutdown. After a brief display of the relevant working state, it automatically switches back to showing the time.

**2) Power OFF:** While in working mode, press <④



Power Switch> to switch to clock mode(off state);

the screen turns off after 10 seconds.

#### **Note:**

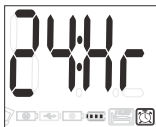
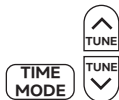
**1. Clock Mode:** The state where only the time and battery level symbol is displayed represents the off state.

**2.** When the radio is being charged, the screen will light up with charging status and time.

**3.** If the radio screen keeps flashing automatically, it's due to insufficient light for solar charging. If you want to initiate solar charging, please place the radio in an area with strong sunlight. If not, place the radio in a less lit area or cover the solar panel, and the screen will stop flashing.

## 2. Time Setting

- 1) Make sure the radio is in clock mode  
(not in radio or music playback mode).
- 2) Press and hold <⑤ TIME MODE> until the “hour” digit flashes.
- 3) Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to set the hour.
- 4) Press <⑤ TIME MODE> and the “minute” digit flashes.
- 5) Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to set the minute.
- 6) Press <⑤ TIME MODE> and the “time format” flashes.
- 7) Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to select “24” or “12” Hr.
- 8) Press <⑤ TIME MODE> to save the setting.



### 3. Alarm Clock Setting

1) Make sure the radio is in clock mode.

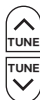
2) Press and hold <⑥ BAND ALARM > until the “hour” digit and alarm icon flash.



3) Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to adjust the hour.

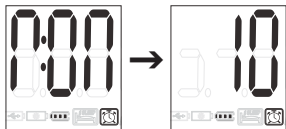
4) Press <⑥ BAND ALARM > and the “minute” digit flashes.

5) Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to adjust the minute.



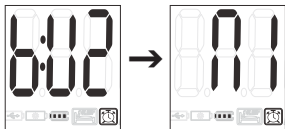
6) Press <⑥ BAND ALARM > to set the alarm sound.

7) Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to select between “PON” (timed power on) and “bUZ” (music alarm sound).



a. If “PON” is selected, press <⑩ TUNE ▼> and <⑪ TUNE ▲> to set sleep timer and then press <⑥ BAND ALARM > to confirm.

(Note: If “FULL” is selected, the radio will not automatically turn off after the scheduled power-on. If 10 to 90 minutes is selected, the radio will automatically turn off after the specified time following the scheduled power-on. Upon automatic power-on, the radio will enter the last played mode before shutdown.)



**b.** If “bUZ” is selected, then press <⑩ TUNE ▼> and <⑪ TUNE ▲> to select from 2 alarm sounds: “n1” and “n2”, then press “<⑥ BAND ALARM > to confirm.

**Note:**

- 1.** After the alarm sounds for 3 minutes with no interaction, it will automatically enter snooze mode. It will sound again after 5 minutes, repeating this cycle 5 times before automatically turning off the alarm for the day.
- 2.** To enter snooze mode, press <④ Power Switch>.
- 3.** To turn off the alarm for the day, press <⑥ BAND ALARM> .
- 4.** Activate/Deactivate Alarm Clock: Press the <⑥ BAND ALARM> to deactivate the alarm clock, indicated by the disappearance of the alarm icon from the screen; Press it again to activate the alarm, indicated by the appearance of an alarm clock icon on the screen.

#### 4. Volume Adjustment

Press <② VOL+> and <③ VOL-> to increase and decrease volume.



#### 5. Radio Mode

Repeatedly press <⑥ BAND ALARM> to select band from FM, MW(AM), SW and WB.



##### **a. Automatic Search for Stations**

Press and hold <⑨ SCAN> to automatically scan, store and number all available stations. The saved stations are stored with a number of "P001," "P002,"... up to "P200".



##### **b. Manual Search for Stations**

Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to go to the next and previous frequency.



##### **c. Manual Station Preset**

1) Tune to the desired station.

2) Press <⑨ SCAN>, and a blinking preset number will appear.



3) Use <⑦ M- > and <⑧ M+> to select a preset slot for this station.

4) Press <⑨ SCAN> again to confirm.



**Note:** If a station is already stored in the selected preset slot, it will be replaced by the new one.

#### d. Recall Stored Stations

Press <⑦ M+ > and <⑧ M-> to select the next and previous stored stations.

M -

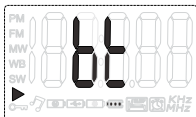
M +

#### ◆ How to Get Better Reception?

1. Adjust the telescopic antenna while listening to FM/SW, but reposition the radio while listening to AM.
2. When you're indoors, approach it to the window and try to keep it away from the electronic devices, such as computers, TVs, refrigerators and mobile phones.
3. When you're outdoors, please try to listen to the radio in an open place.
4. Human Body Induction: When reception is weak, it will get better if you hold the radio in hand, but its reception will be weak again when the hand is away. This is a common phenomenon among almost all the radios, it's not a problem.

## 6. Bluetooth Mode

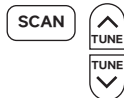
1) Press <⑤ TIME MODE> to switch to Bluetooth mode. You'll hear the prompt "Bluetooth Mode".



2) Enable the Bluetooth on your device, such as mobile phone, to search for and connect the device named "J-924". You will hear the prompt "Bluetooth connected".

3) Open the music app/software on your device and play music.

4) Press <⑨ SCAN> to pause/unpause.



5) Press <⑩ TUNE ▼> and <⑪ TUNE ▲> to go to the next and previous track.

## 7. TF Card / USB Drive Mode

1) Insert a TF card or USB drive with music files, and the device will automatically enter "TF Card mode" or "USB mode". The music files will play automatically upon detection.

2) Press <⑨ SCAN> to pause / unpause.

3) Press <⑩ TUNE ▼> and <⑪ TUNE ▲>

to go to the next and previous track.

4) Press and hold <⑩ TUNE ▼> and <⑪ TUNE ▲> to fast forward and rewind.

TF Card Playback (static -7)



USB Drive Playback (flashing -7)



### Note:

1. If no content is detected from the TF card/USB, the screen will display "ERR" for 2 seconds before returning to the flashing "BT".
2. After switching to the previous or next track, the screen will display the song's number for 3s, then automatically show the playback time of the current song. After 10s, it will display the time.
3. If TF card and USB drive are inserted in the same time, repeatedly press <⑤ TIME MODE> to cycle through Bluetooth mode, TF card mode and USB mode.
4. The maximum capacity supported is 32G.
5. The file formats supported are MP3/WAV/WMA/APE/FLAC.

## 8. Sleep Timer

- 1) Make sure the radio is in working mode    
(Bluetooth, TF Card, USB Drive or radio).
- 2) Press and hold <④ Power Switch>, and the flashing "120" and "sleep icon" will be displayed.
- 3) Repeatedly press <④ Power Switch> to select from 120-110-100-90-80-70-60-50-40-30-20-10. The setting will be saved after the sleep symbol flashing 3 times, the sleep icon will be static on the screen. E.g. If "60" is selected, the radio will turn off automatically after 60 minutes.
- 4) To disable the sleep timer, press <④ Power Switch> once more when the timer reaches 10. The sleep icon will disappear.

## 9. Lighting Feature

**Flashlight:** Press <⑬ Flashlight Switch> to turn on the flashlight; Press it again to turn off.

**Reading Lamp:** Lift the buckle to open solar panel to turn on the <⑳ Reading light>; Restore it to its original position to turn it off.

## 10. SOS

1) Press and hold <⑱ SOS> to emit SOS alarm, and the flashlight will emit a flashing light.

2) Press <⑱ SOS> to turn it off.

## 11. Emergency Power Bank

Insert one end of the mobile phone charging cable into the <⑰ USB Drive Slot> and the other end into the charging port of your cell phone for charging.

### **Note:**

1. In radio mode, the feature will be automatically disabled to avoid interference with the radio signal.
2. In light of lower capacity and charging current, the radio typically charge your phone significantly slower than wall connection and regular power bank. And to avoid shortening battery life, we recommend take it as a backup for emergency use only.

## 12. Earphone Jack

- 1) Plug the earphones into <⑭ Earphone Jack>.
- 2) Please adjust the volume based on your own hearing needs with <② VOL+ > and <③ VOL- >.

## 13. Reset Function

Press and hold the <④ Power Switch> for 10–15 seconds to restart the device. The screen will flash briefly and then switch to clock mode, indicating a successful reset.



## **V AFTER-SALES SERVICE**

If you encounter any issues with the radio, need assistance with its use, or have any other ideas or suggestions, please feel free to contact us: **[prunus-technik@hotmail.com](mailto:prunus-technik@hotmail.com)**