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Sunnoony BX-A22-V1

Sunnoony Portable AM/FM/SW/WB Radio User Manual

Model: BX-A22-V1

1. PRODUCT OVERVIEW

The Sunnoony Portable AM/FM/SW/WB Radio is a versatile digital radio designed for various listening needs, from daily entertainment to emergency weather alerts. It features multiple power options, a large backlit display, and multimedia playback capabilities.



Image: Front view of the Sunoony Portable AM/FM/SW/WB Radio in blue, showing the large digital display, speaker, and control buttons. A 4000mAh battery icon is visible in the top left corner.

2. KEY FEATURES

- **Multi-Band Reception:** Supports AM, FM, Shortwave (SW), and Weather Band (WB) for comprehensive radio access.
- **NOAA Weather Alert:** Equipped to receive NOAA weather alerts, providing critical warnings for severe weather conditions such as blizzards, wildfires, and tornadoes.



Image: The radio displaying "WX 162.400 MHz" with a warning siren icon, indicating the NOAA Weather Alert feature is active. Background shows stormy weather.

- **Dual Power Options:** Features a built-in 4000mAh rechargeable lithium-ion battery and supports 4 D-cell batteries (not included) for extended use during power outages or outdoor activities.

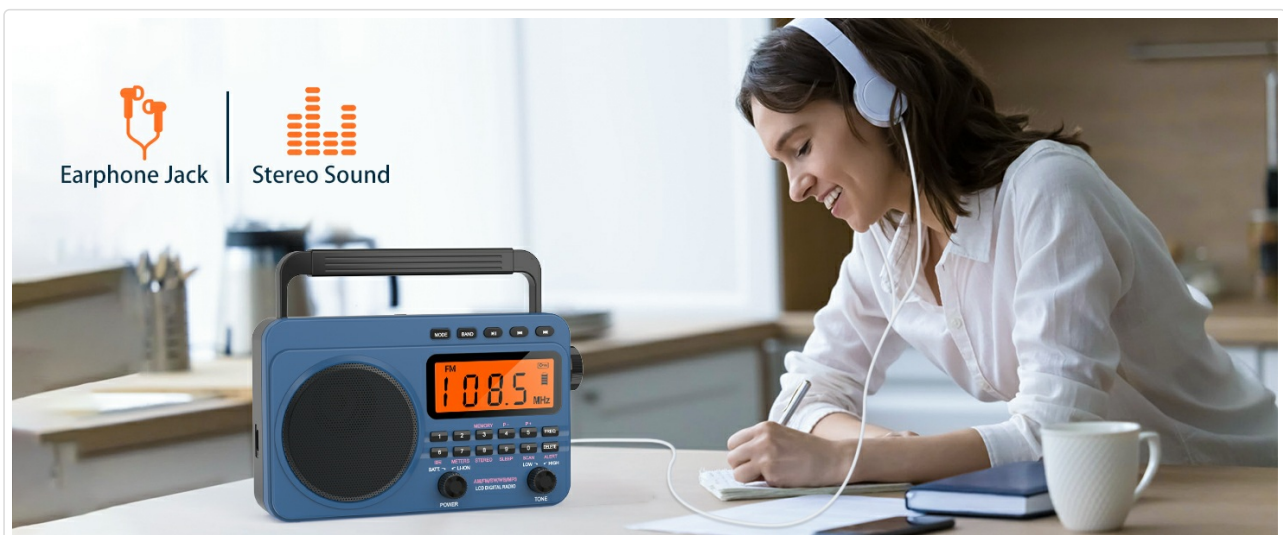


Image: The radio connected to a power adapter for charging its internal 4000mAh battery, alongside an illustration of the battery

compartment for 4 D-cell batteries.

- **Digital Tuning & Music Playback:** Offers digital tuning for precise station selection, automatic/manual search, and storage of up to 120 stations. Includes USB and TF card slots for MP3 music playback.



Image: The radio with a USB drive and TF card inserted, illustrating the music playback capability.

- **Large Backlit LCD Display:** Provides clear visibility of frequency and other information, with an orange backlight for use in low-light conditions.
- **Portable Design:** Equipped with a convenient handle for easy transport, making it suitable for both indoor and outdoor use.
- **Additional Functions:** Features a keylock function to prevent accidental operation, a sleep timer (up to 90 minutes), an external antenna input, and a 3.5mm earphone jack.

3. COMPONENTS

The package includes the following items:

- Sunoony Portable AM/FM/SW/WB Radio (Model: BX-A22-V1)
- Type-C Charging Cord
- Owner's Manual (this document)

Note: 4 D-cell batteries and a power adapter are not included and must be purchased separately if desired for alternative power.

4. SETUP

4.1. Battery Installation (D-Cell Batteries)

1. Locate the battery compartment on the back of the radio.
2. Open the battery compartment cover.
3. Insert 4 D-cell batteries (not included) according to the polarity indicators (+ and -) inside the compartment.

4. Close the battery compartment cover securely.

4.2. Charging the Internal Battery

1. Connect the provided Type-C charging cord to the charging port on the side of the radio.
2. Connect the other end of the Type-C charging cord to a compatible USB power adapter (not included) or a USB port on a computer.
3. The charging indicator light will illuminate (typically red) to show that the radio is charging.
4. Once fully charged, the indicator light may change color or turn off (refer to the display for battery level).

5. OPERATING INSTRUCTIONS



Image: Diagram illustrating the main controls of the radio, including the Large Volume Knob, LCD Display with Backlight, Digital Tuner & Switch, Power Switch, and High/Low Tone control.

5.1. Power On/Off and Volume Control

To power on the radio, rotate the **POWER** knob clockwise. Continue rotating to increase the volume. To power off, rotate the knob counter-clockwise until it clicks off.

5.2. Band Selection

Press the **BAND** button repeatedly to cycle through available bands: AM, FM, SW, and WB.



Image: The radio in a living room setting, illustrating its use for listening to various radio stations (news, sports) across different bands.

5.3. Tuning and Station Presets

The radio features digital tuning for precise frequency selection.

- **Manual Tuning:** Use the tuning knob on the side to manually adjust the frequency.
- **Direct Frequency Input:** Use the number buttons (0-9) on the front panel to directly input a desired frequency.
- **Automatic Scan:** Press and hold the **SCAN** button to automatically search for and store available stations. The radio can preset up to 40 stations per band.
- **Manual Search:** Briefly press the **SCAN** button to search for the next available station.
- **Accessing Presets:** Use the **P-** and **P+** buttons to navigate through stored preset stations.
- **Deleting Presets:** To delete a stored station, select the station using **P-** or **P+**, then press and hold the **DELETE** button.



Image: The radio displaying a preset station, with icons for automatic station search, manual station search, and memory function, indicating its tuning capabilities.

5.4. NOAA Weather Alert

When on the Weather Band (WB), the radio can automatically detect and alert you to hazardous weather conditions. Ensure the radio is powered on and tuned to a WB frequency for this feature to function.



Image: A collage showing various weather events (tornado, snow, fire, lightning) with the radio displaying a weather alert, emphasizing its emergency preparedness function.

5.5. Music Playback (USB/TF Card)

To play MP3 audio files:

1. Insert a USB disk or TF (Micro SD) card containing MP3 files into the corresponding slot on the side of the radio.
2. Press the **MODE** button to switch to USB or TF card playback mode.
3. Use the track navigation buttons (<< and >>|) to skip between songs.
4. The number buttons can also be used to directly select track numbers.

5.6. Sleep Timer

The sleep timer allows you to set the radio to automatically turn off after a specified period (0-90 minutes). Press the **SLEEP** button to activate and adjust the timer setting.



Get a Stable Reception with
Long and Adjustable Antenna

Image: A person sleeping peacefully with the radio on a bedside table, illustrating the auto power-off feature for falling asleep.

5.7. Keylock Function

To prevent accidental button presses, activate the keylock function by pressing and holding the **LOCK** button. The display will show a lock icon. Repeat the action to unlock.



Image: A close-up of the radio's control panel highlighting the "Lock Button" and its corresponding icon on the display.

5.8. Antenna Adjustment

Extend the telescopic antenna for optimal reception, especially for FM and SW bands. Adjust its direction for the clearest signal.



Image: A person extending the radio's 28.74-inch telescopic antenna, demonstrating how to achieve stable reception.

5.9. Earphone Jack

For private listening, plug 3.5mm headphones (not included) into the earphone jack on the side of the radio. The internal speaker will automatically mute.



Image: A person using headphones with the radio, illustrating the earphone jack feature for private listening and stereo sound.

6. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:**
 - For the internal rechargeable battery, charge it regularly, even if not in frequent use, to maintain battery health. Avoid fully discharging the battery for extended periods.
 - If using D-cell batteries, remove them if the radio will not be used for a long time to prevent leakage and damage.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle the telescopic antenna gently to avoid bending or breaking.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------|--|---|
| Radio does not power on. | Battery is depleted or D-cell batteries are incorrectly installed. | Charge the internal 4000mAh battery using the Type-C cord. If using D-cell batteries, check their orientation and replace if necessary. |
| Poor radio reception or static. | Weak signal, antenna not extended, or interference. | Fully extend the telescopic antenna and adjust its direction. Try moving the radio to a different location, away from electronic devices that may cause interference. |
| No sound from speaker. | Volume too low, headphones connected, or radio in mute mode. | Increase the volume using the POWER knob. Disconnect headphones if plugged in. Check if the radio has a mute function activated. |

| Problem | Possible Cause | Solution |
|--------------------------------|---|--|
| USB/TF card not playing. | Incorrect mode selected, unsupported file format, or card not inserted correctly. | Ensure the radio is in USB or TF card playback mode (press MODE button). Verify that audio files are in MP3 format. Reinsert the USB disk or TF card firmly. |
| Display is dim or not visible. | Backlight is off or battery is low. | The display has an orange backlight for low-light conditions. Ensure sufficient battery charge. |

8. SPECIFICATIONS

| Attribute | Detail |
|--------------------------------|---|
| Model Number | BX-A22-V1 |
| Brand | Sunoony |
| Product Dimensions | 9.96 x 3.8 x 7.86 inches (25.3 x 9.65 x 19.96 cm) |
| Item Weight | 1.77 pounds (0.8 kg) |
| Power Source | Battery Powered (4000mAh Lithium Ion rechargeable, 4 D-cell batteries - not included) |
| Batteries Required | 2 Lithium Ion batteries (included, internal); 4 D-cell batteries (optional, not included) |
| Radio Bands Supported | AM/FM/SW/WB (4-Band) |
| Connectivity Technology | USB |
| Special Feature | Rechargeable, NOAA Weather Alert, Digital Tuning, MP3 Playback (USB/TF) |
| Color | Blue |



Image: Diagram showing the dimensions of the radio: 9.96 inches length, 3.8 inches width, and 7.86 inches height.

9. WARRANTY AND SUPPORT

Sunony is committed to providing high-quality products and excellent customer service. Your purchase is backed by:

- **12-Month Manufacturer Warranty:** Covers defects in materials and workmanship for one year from the date of purchase.
- **30-Day Money Back Guarantee:** If you are not satisfied with your product, you may return it within 30 days for a full refund.
- **Lifetime Support:** Dedicated customer service team available to assist with any product-related inquiries or issues.
- **24/7 Customer Service:** Professional after-sales support team available around the clock.

For assistance, please contact Sunony customer service through the platform where you purchased the product or

visit the official Sunoony store online.



Images: Illustrations representing customer support and product satisfaction, reinforcing the brand's commitment to service.