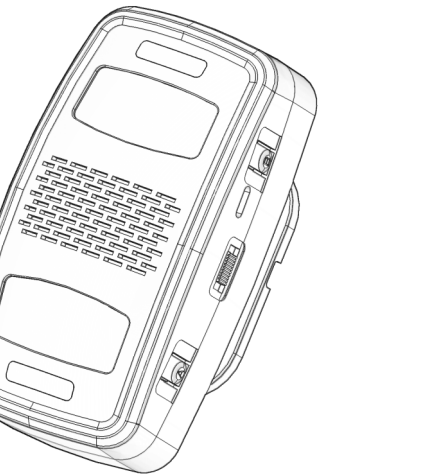


# Smart Motion-Activated Voice Reminder

## Custom Audio & Dual-Direction Entry/Exit Chime



Athenalarm Technology Co., Ltd.

<https://athenalarm.com/>

Thank you for choosing the Athenalarm Smart Motion-Activated Voice Reminder.  
Please read this manual carefully before using the product.  
Keep this manual for future reference.

## IMPORTANT SAFETY INFORMATION

### IMPORTANT

- Do not immerse the device in water.
- Do not disassemble, modify, or attempt to repair the device.
- Use a stable and appropriate power supply.
- Input voltage must be within 5V DC (USB-C) or 12V DC. Do not exceed the specified voltage.
- This device is not a toy. Adult supervision is recommended when used around children.
- Install and operate the device in accordance with this manual.
- Disconnect power before cleaning. Clean only with a soft cloth; if necessary, use a small amount of alcohol.
- Do not touch the sensor surface directly
- When using batteries:
  - Insert batteries with correct polarity
  - Do not mix old and new batteries
  - Remove batteries if the device will not be used for an extended period

### NOTE

- Ensure stable power supply for proper operation.
- Avoid placing the sensor near moving objects such as curtains or fans.
- Perform regular motion detection tests (at least once per week) to verify proper operation.
- Set the volume to a safe level to avoid hearing discomfort.
- For indoor or sheltered use only. Avoid exposure to rain, excessive dust, or extreme temperatures.
- The device features motion sensing and voice playback functions for general awareness and reminder use.
- It can assist in providing alerts in certain scenarios, but it is designed for convenience and information. It is not intended for life-safety applications.
- It should not be relied upon as the primary method of safety or protection.

## 1. Product Description

The Smart Motion-Activated Voice Reminder series is a smart voice reminder device that features intelligent proximity sensing to deliver automated prompts or notices. It supports both bidirectional and unidirectional configurations—meaning it can play custom voice messages when movement is detected in either one or both directions, such as entry and exit. This makes it ideal for use not only at entrances and exits, but also in hallways, corridors, and other locations requiring automatic voice prompts.

Users can easily upload and replace voice content to suit different scenarios—perfect for customer welcomes, safety notices, and interactive guidance and operational instructions. The device features dual lighting modes: motion-triggered lighting for nighttime visibility and a constant lighting mode for continuous illumination.

In addition to standalone voice and lighting functions, this device can connect to external devices or control systems via wired or wireless connections. It is equipped with signal output port (for system integration), which provide switch signals to trigger compatible external devices—supporting real-time notifications or system interaction.

For sensitive environments such as office, service areas, or other environments requiring discreet operation, advanced models offer a Discreet Signal Mode, which allows signal output without playing any voice message—ideal for applications requiring non-audible notification.

## 2. Key Features

- Custom Voice Playback** – Easily upload and replace audio messages
- Motion-Triggered Playback** – When motion is detected to trigger playback
- Bidirectional / Unidirectional Reminder** – Plays different messages based on movement direction
- Motion & Constant Lighting** – Built-in lighting supports motion-triggered and always-on modes
- Discreet Signal Mode** – Sends a real-time notification signal to integrated systems without audio output.
- Wired & Wireless Connectivity** – Connects with external devices or control systems
- Signal Output Port** – Provides switch signals to external devices for real-time notification or automation
- Direction-Based Playback** – Differentiates between entry and exit movements

## 3. Model Comparison Table

(1) Smart Motion-Activated Voice Reminder

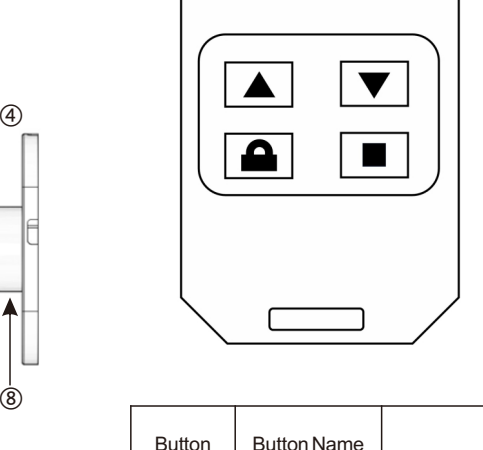
| Model                              | AA-100 | AA-100W          | AA-100R | AA-100WR         |
|------------------------------------|--------|------------------|---------|------------------|
| Remote Control                     | ✗      | ✗                | ✓       | ✓                |
| Connection Type                    | Wired  | Wired + Wireless | Wired   | Wired + Wireless |
| Bidirectional Voice Reminder Mode  | ✓      | ✓                | ✓       | ✓                |
| Unidirectional Voice Reminder Mode | ✓      | ✓                | ✓       | ✓                |
| Constant Lighting Mode             | ✓      | ✓                | ✓       | ✓                |
| Motion-Activated Lighting Mode     | ✓      | ✓                | ✓       | ✓                |
| Bidirectional Trigger Mode         | ✓      | ✓                | ✓       | ✓                |
| Unidirectional Trigger Mode        | ✓      | ✓                | ✓       | ✓                |
| Mute Mode                          | ✗      | ✗                | ✓       | ✓                |
| Discreet Signal Mode               | ✗      | ✗                | ✓       | ✓                |

## 4. Ideal for Use In

Retail Stores · Offices · Homes · Villas · Hotels · Restaurants · Factories · Transportation Hubs · Hallways · Public Service Areas

## 5. Product Structure

(1) Smart Motion-Activated Voice Reminder



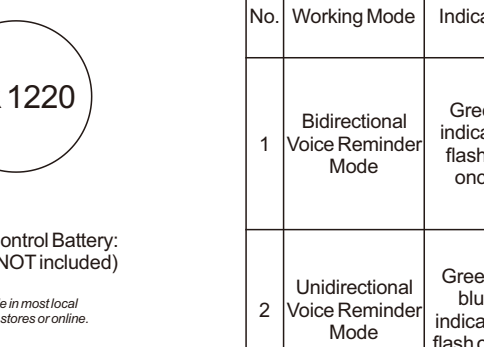
- ①Indicator ②Fresnel Lens ③Speaker ④Button B  
⑤USB-C Port ⑥Power Switch ⑦Button A ⑧Mounting Bracket

| Button | Button Name         | Button Function                                                                                                                                                                      |
|--------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▲      | Working Mode Button | Switches between 6 working modes.                                                                                                                                                    |
| ▼      | Volume Button       | Adjusts the volume across 5 levels.                                                                                                                                                  |
| 🔒      | Mute Button         | Toggles between Mute Mode and Active Mode. In Discreet Signal Mode, the device actively sends a real-time signal to connected systems or external monitors without audible playback. |
| ⏻      | Power Button        | Turns the device ON or OFF.                                                                                                                                                          |

Power Source: 3 × AA Batteries or USB-C 5V DC / 12V DC Adapter (**NOT included**)

## 6. Working Mode

(2) Remote Control (Available for models AA-100R and AA-100WR)



| Button | Button Name         | Button Function                                                                                                                                                                      |
|--------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▲      | Working Mode Button | Switches between 6 working modes.                                                                                                                                                    |
| ▼      | Volume Button       | Adjusts the volume across 5 levels.                                                                                                                                                  |
| 🔒      | Mute Button         | Toggles between Mute Mode and Active Mode. In Discreet Signal Mode, the device actively sends a real-time signal to connected systems or external monitors without audible playback. |
| ⏻      | Power Button        | Turns the device ON or OFF.                                                                                                                                                          |

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## 7. Power Supply Methods

(1) Mute Mode

Applicable to AA-100R and AA-100WR. This function can only be operated via the remote control.  
Press the mute button on the remote control to enter Mute Mode:

- The yellow indicator stays on. The device continues motion detection but does not play any voice.
- Press the mute button again to exit. The yellow indicator turns off and normal operation resumes.

(2) Discreet Signal Mode

Applicable to AA-100R and AA-100WR. This mode can only be activated by pressing and holding the mute button for 3 seconds.

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## 8. Power On and Off

(1) Power On

Slide the power switch from position A (Button A) to position B (Button B) to power on the device.

All indicator lights will flash once. The device will then enter the working mode that was active before the last shutdown (except when the device was powered off in Discreet Signal Mode). The corresponding mode indicator will flash again to confirm activation.

For first-time use, the device defaults to Bidirectional Voice Reminder Mode.

If the device is restarted after being powered off in Discreet Signal Mode, it will also default to Bidirectional Voice Reminder Mode.

(2) Power Off

Slide the power switch from position B (Button B) back to position A (Button A) to power off the device.

## 9. Changing the Voice Files

The device supports MP3 format audio files. To update the voice files, follow the steps below:

(1) Connect the device to a computer using a USB-C cable.

(2) Prepare audio files on your computer and name them as follows:

0001.mp3, 0002.mp3, 0003.mp3, and 0004.mp3.

Replace the corresponding files on the device with these new files.

(3) After the file update is complete, safely disconnect the device from the computer.

## 10. Volume Adjustment

The device supports 5 volume levels.

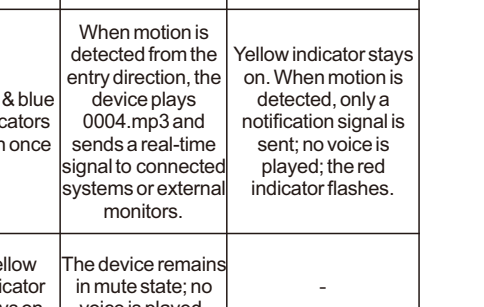
Press the volume button on the device or remote control to cycle through the volume levels.

Each time the volume is adjusted, the device will play 0001.mp3 as a volume confirmation tone.

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## 11. Device Connection (Optional)

(1) Wired Connection



Open the back cover of the device.

Route the cable through the wiring holes in the mounting bracket and the back cover.

Connect the 12V DC power supply and the signal output terminals (for external device connection) accordingly.

(2) Wireless Connection (applicable to AA-100W and AA-100WR)

Connect the device to compatible wireless receivers according to the requirements of the connected equipment.

## 12. Adding a Remote Control

Press and hold the Working Mode button on the device for more than 2 seconds to enter pairing mode.

While holding the button, all indicator lights will turn on, indicating that the device has entered pairing mode.

While in pairing mode, press any button on the remote control, then release the Working Mode button.

The indicator lights will return to normal status, indicating that the pairing process is complete.

After pairing, press any button on the remote control to verify proper operation.

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## 13. Restore Factory Settings

(Applicable to AA-100R, AA-100WR)

Press and hold the volume button on the device for more than 2 seconds.

The red indicator will flash once, followed by the green indicator flashing once. All settings will then be restored to factory defaults.

In this state:

- All paired remote controls will be cleared. To pair them again, refer to Section 12: Adding a Remote Control.
- The voice files will remain unchanged.
- After restarting, the device will default to Bidirectional Voice Reminder Mode.

## 14. Installation Methods

Ensure the mounting surface is clean and dry before installation.

(1) Adhesive Mounting

Use the double-sided adhesive tape.

Remove the protective film, attach one side to the bottom of the device, and press the device firmly onto the mounting surface.

(2) Bracket Mounting

The mounting bracket consists of a base and a support bracket.

Install the base at the desired location using expansion screws.

Attach the support bracket to the bottom of the device and secure it firmly.

Insert the ball joint of the support bracket into the base.

Adjust the device angle as needed.

If wiring is required, complete the wiring before installation.

## 15. Motion Detection Test

After connecting the power and turning on the device:

All indicator lights will turn on once, followed by the indicator of the current working mode, indicating that the device is operating normally.

Move within the detection range in front of or to the side of the device.

If the indicator light responds and the device plays a voice prompt (in non-mute mode), the device is functioning properly.

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## 16. Technical Specifications

|                         |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Input Voltage (DC Only) | 5V DC (USB-C) / 12V DC / 4.5V DC (3 × AA)                                              |
| Detection Range         | 6 m                                                                                    |
| Operating Temperature   | -10°C ~ 50°C                                                                           |
| Wireless Frequency      | 433 MHz (applicable to AA-100W, AA-100R, AA-100WR, for short-range communication only) |
| Dimensions              | 125 × 70 × 35 mm (without bracket)                                                     |
| Remote Control Battery  | CR 1220 (applicable to AA-100R, AA-100WR)                                              |

## 17. Packing List

| Item                                             | Quantity |
|--------------------------------------------------|----------|
| Smart Motion-Activated Voice Reminder            | ×1       |
| Mounting Bracket (Base)                          | ×1       |
| Mounting Bracket (Support Bracket)               | ×1       |
| User Manual                                      | ×1       |
| Remote Control (applicable to AA-100R, AA-100WR) | ×1       |
| Screws                                           | ×2       |
| Screwdriver                                      | ×1       |
| Double-sided Adhesive Tape                       | ×2       |

**Note:** For environmental protection and shipping safety, **this product DOES NOT include any batteries or power adapters**. Please prepare them before use. The contents may vary depending on the model.

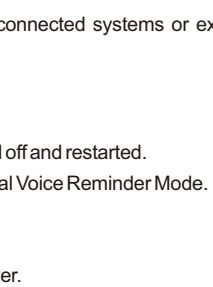
By excluding disposable batteries, we reduce chemical waste and encourage the use of rechargeable options.

FC CE X

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## 18. Contact Information

If you encounter any issues during use, please visit our official website for support resources or contact us via email. For more information and product updates, please visit our website.



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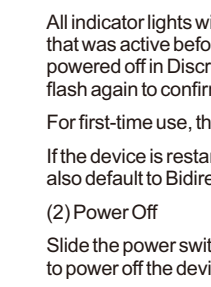
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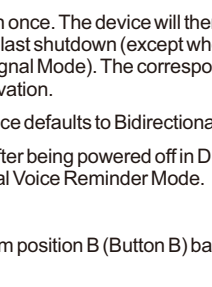
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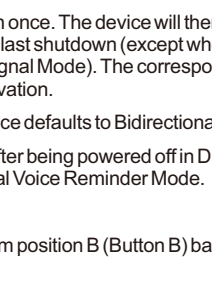
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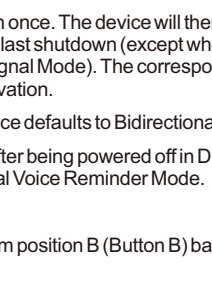
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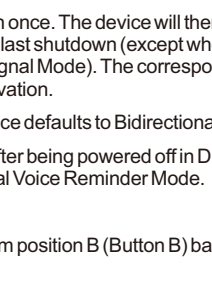
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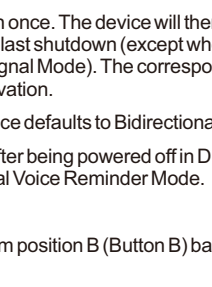
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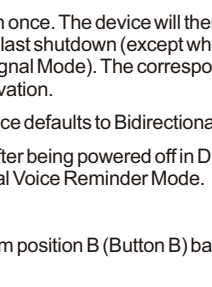
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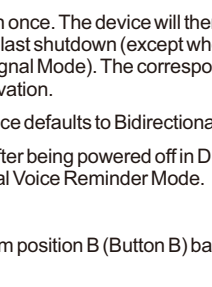
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