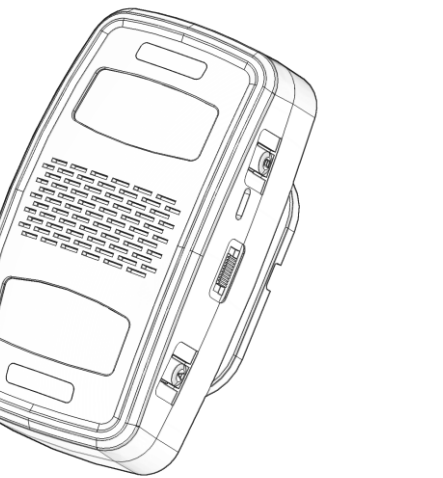


Smart Motion Sensor Audio Player

Custom Audio & Dual-Direction Entry/Exit Chime



Athenalarm Technology Co., Ltd.

<https://athenalarm.com/>

Thank you for choosing the Athenalarm Smart Motion Sensor Audio Player.
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 Sensor Audio Player 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 Sensor Audio Player

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	✗	✗	✓	✓

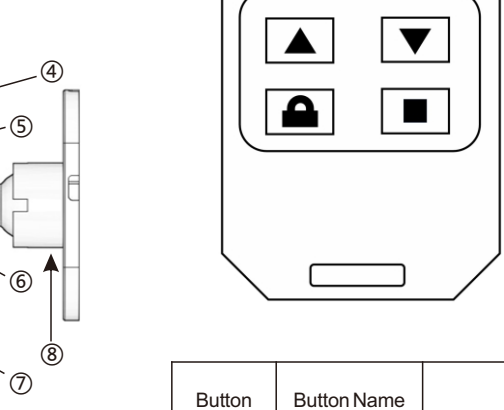
- ① Indicator ② Fresnel Lens ③ Speaker ④ Button B
⑤ USB-C Port ⑥ Power Switch ⑦ Button A ⑧ Mounting Bracket

Button	Button Name	Button Function
A	Working Mode Button	Switches between 6 working modes.
B	Volume Button	Adjusts the volume across 5 levels.

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

5. Product Structure

(1) Smart Motion Sensor Audio Player



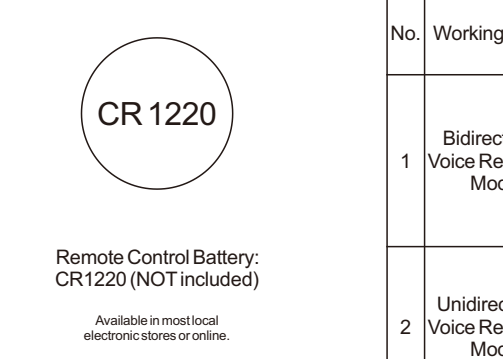
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Button	Button Name	Button Function
A	Working Mode Button	Switches between 6 working modes.
B	Volume Button	Adjusts the volume across 5 levels.

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.

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

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.

(3) Power Consumption Notice

Constant Lighting Mode consumes more power.

It is recommended to use an external power supply such as USB-C or 12V DC when using this mode.

(4) Memory Function

The device supports a memory function.

After restart (except when in Discreet Signal Mode), the device will resume the previous working mode.

(5) Bidirectional Trigger Mode

When motion is detected, the device plays 0004.mp3 and sends a real-time signal to connected systems or external monitors.

(6) Unidirectional Trigger Mode

When motion is detected, only a notification signal is sent; no voice is played; the red indicator flashes.

(7) Mute Mode*

The device remains in mute state; no voice is played.

(8) Discreet Signal Mode*

The device actively sends a real-time signal to connected systems or external monitors without audible playback.

(9) Constant Lighting Mode

White indicator remains continuously on after activation.

(10) Motion-Activated Lighting Mode

White & blue indicators stay on.

(11) Bidirectional Voice Reminder Mode

Green indicator flashes once.

(12) Unidirectional Voice Reminder Mode

Green & blue indicators flash once.

(13) Discreet Signal Mode*

The device actively sends a real-time signal to connected systems or external monitors without audible playback.

(14) Constant Lighting Mode

White indicator remains continuously on after activation.

(15) Motion-Activated Lighting Mode

White & blue indicators stay on.

(16) Bidirectional Voice Reminder Mode

Green indicator flashes once.

(17) Unidirectional Voice Reminder Mode

Green & blue indicators flash once.

(18) Discreet Signal Mode*

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(19) Constant Lighting Mode

White indicator remains continuously on after activation.

(20) Motion-Activated Lighting Mode

White & blue indicators stay on.

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Green indicator flashes once.

(22) Unidirectional Voice Reminder Mode

Green & blue indicators flash once.

(23) Discreet Signal Mode*

The device actively sends a real-time signal to connected systems or external monitors without audible playback.

(24) Constant Lighting Mode

White indicator remains continuously on after activation.

(25) Motion-Activated Lighting Mode

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Green indicator flashes once.

(27) Unidirectional Voice Reminder Mode

Green & blue indicators flash once.

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(102) Unidirectional Voice Reminder Mode

Green & blue indicators flash once.

(103) Discreet Signal Mode*

The device