

Gaoducash A03

Gaoducash A03 WiFi Siren Alarm: Wireless Home Security System User Manual

Model: A03 | Brand: Gaoducash

1. INTRODUCTION

The Gaoducash A03 WiFi Siren Alarm is a wireless burglar alarm designed to enhance your home security system. This smart siren integrates with the Tuya Smart or Smart Life app, offering remote control and smart linkage capabilities. It features a powerful 100dB sounder and is compatible with popular voice assistants like Amazon Alexa and Google Assistant, providing a comprehensive solution for smart home automation.

This manual provides detailed instructions for setting up, operating, and maintaining your WiFi Siren Alarm to ensure optimal performance and security.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 1 x Indoor Alarm Siren (Gaoducash A03)
- 1 x USB Cable
- 1 x User Manual

3. SPECIFICATIONS

Feature	Specification
Item Type	WiFi Alarm Siren

APP Compatibility	Smart Life / Tuya Smart App
Material	ABS
Power Supply	DC 5V/1A (USB Powered)
Volume	100dB (Maximum)
Sound Types	32 selectable alarm tones
Alarm Duration	1-380 seconds (adjustable)
Wireless Range	Approx. 55m
Network Protocol	IEEE 802.11b/g/n
Wireless Frequency	2.4GHz (Does NOT support 5GHz WiFi networks)
Operating Temperature	0°C-40°C (32-104°F)
Working Humidity	20%-85%
Storage Temperature	0°C-50°C (32-122°F)
Storage Humidity	0%-80%
Dimensions	Approx. 65x65x18.5mm (2.56"L x 2.54"W x 0.73"H)
Weight	65g

4. SETUP

4.1 Powering the Device

Connect the provided USB cable to the siren alarm and plug the other end into a 5V/1A USB power adapter (not included). The alarm station should always be connected to an AC adapter for continuous operation.

WiFi Siren Alarm

Protect safe for your life and property

tuya[®]



Model: A03



Smart Linkage



Remote Monitor



100dB Sound



Power-off Memory

Front view of the Gaoducash A03 WiFi Siren Alarm, showing the speaker grille and USB port.

4.2 App Installation and Device Pairing

1. **Download the App:** Download the "Tuya Smart" or "Smart Life" app from your mobile device's app store (iOS App Store or Google Play Store).
2. **Register/Log In:** Open the app and register for a new account or log in with an existing one.
3. **Add Device:**
 - Tap the "Add Device" (+) icon in the top right corner of the app.
 - The app will search for nearby devices. Ensure your siren alarm is powered on and in pairing mode (refer to the device's LED indicator for pairing status, typically a rapidly blinking light).
 - Alternatively, select "Add Manually" and choose "Alarm" from the device list.
4. **Connect to Wi-Fi:**
 - Enter your 2.4GHz Wi-Fi network name and password. **Note:** The device does not support 5GHz Wi-Fi networks.
 - Confirm the device is successfully added.
5. **Name the Device:** Assign a descriptive name to your siren alarm (e.g., "Smart Siren Alarm"). You can also assign it to a specific room.

5. OPERATING INSTRUCTIONS

Once your Gaoducash A03 WiFi Siren Alarm is successfully paired with the Tuya Smart or Smart Life app, you can control its functions remotely.

5.1 App Control

From the device interface in the app, you can:

- **Alarm Volume:** Adjust the siren's volume (Low, Medium, High).
- **Alarm Time:** Set the duration for which the alarm sounds (1-380 seconds).
- **Alarm Ringtone:** Choose from 32 pre-installed alarm tones.
- **Alarm Switch:** Manually turn the alarm on or off.
- **Alarm On/Off:** Toggle the main alarm function.

Optional Alarm Volume/Alarm time

You can select alarm volume and alarm time in the Set depending on your usage demands.



Screenshot of the Tuya Smart app interface, demonstrating options to adjust alarm volume and duration.

100dB Loud Alarm

32 Optional Alarm Sounds

You can select the alarm sound from 32 ringtones in the App according to your personal preference.



Illustration showing the siren alarm emitting sound waves, highlighting its 100dB loudness and 32 selectable tones.

6. SMART LINKAGE

The Gaoducash A03 siren alarm can be integrated with other smart sensors to create an effective home security system. Through the Tuya Smart or Smart Life app, you can set up "scenes" or "automations" to trigger the siren based on events from other devices.

Example Scenarios:

- **Door/Window Sensor:** If a door or window sensor detects an unauthorized opening, the siren can be triggered, and you will receive real-time alerts on your mobile device.
- **Motion Detector:** When a PIR motion detector senses movement in a designated area, the siren will sound an audible alarm.
- **Water Detector:** In case of a water leak, the siren can alert you to potential flooding.

Smart Linkage

When the PIR motion sensor detects someone is passing by, the alarm sound will be heard, you will receive the alert message on your mobile.



Diagram illustrating smart linkage, where a PIR motion sensor detects movement and triggers the siren alarm.

7. VOICE ASSISTANT INTEGRATION

The siren alarm supports integration with Amazon Alexa and Google Assistant, allowing for convenient voice control of your home monitoring system.

7.1 Connecting to Alexa/Google Assistant

1. Ensure your siren alarm is successfully paired with the Tuya Smart or Smart Life app.
2. Open the Alexa or Google Home app on your mobile device.
3. Navigate to the "Skills & Games" (Alexa) or "Works with Google" (Google Home) section.
4. Search for and enable the "Tuya Smart" or "Smart Life" skill.
5. Link your Tuya/Smart Life account with your Alexa/Google account.
6. Discover devices. Your siren alarm should now appear in your voice assistant's device list.

7.2 Voice Commands

You can control the siren alarm using voice commands for various modes:

- "Alexa, arm the alarm."

- "Hey Google, disarm the alarm."
- "Alexa, set the alarm to home mode."

Support Alexa and Google Smart Speaker

Link the siren alarm with your home monitoring systems via alexa or google speaker.

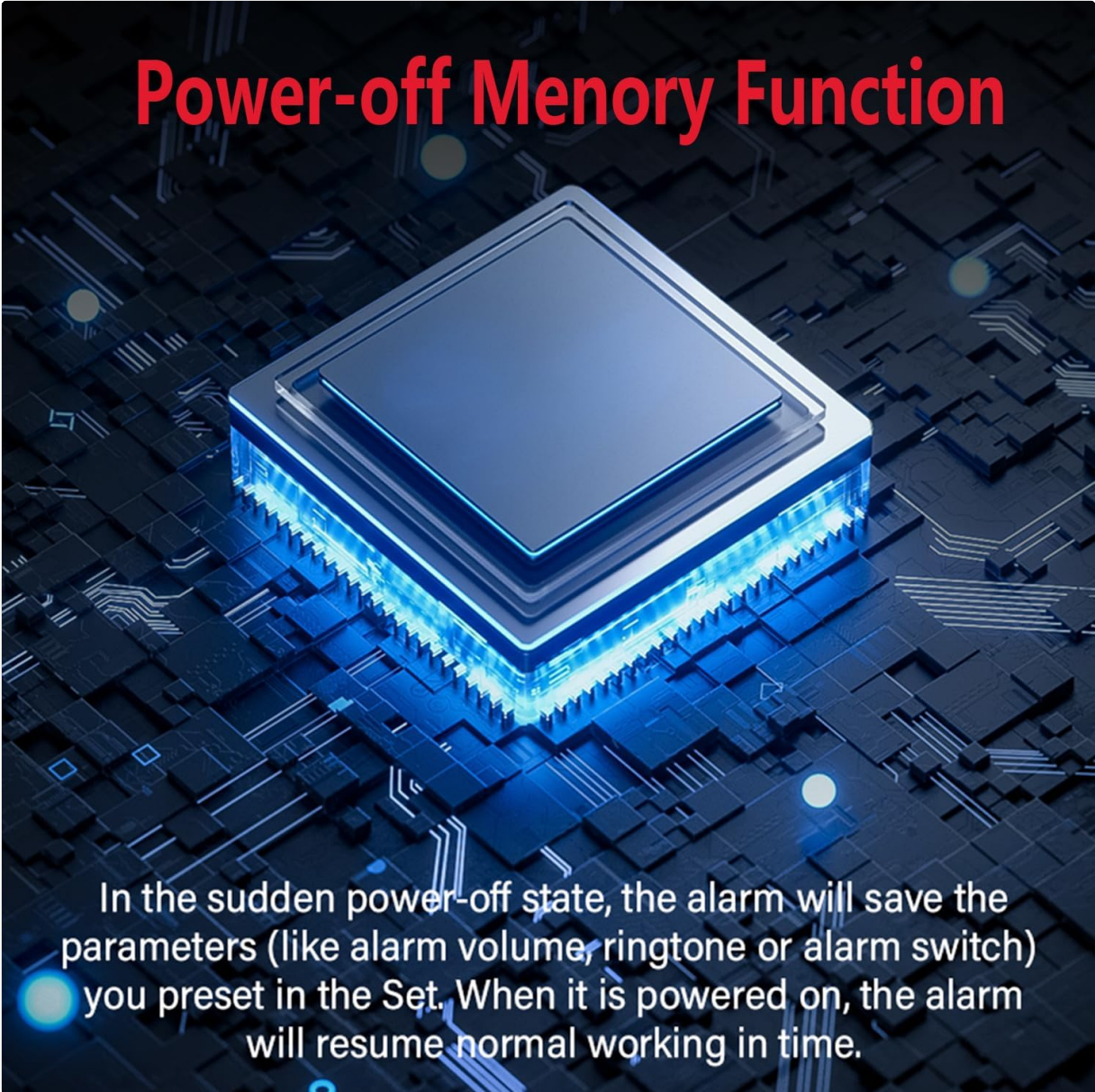


Image showing the siren alarm alongside an Amazon Echo Dot and Google Home speaker, indicating voice assistant compatibility.

8. POWER-OFF MEMORY FUNCTION

The Gaoducash A03 WiFi Siren Alarm is equipped with a power-off memory function. In the event of a sudden power outage, the alarm will automatically save its current settings, including alarm volume, selected ringtone, and alarm switch status. When power is restored, the alarm will resume normal operation with the previously configured settings, ensuring continuous security without manual reconfiguration.

Power-off Memory Function



In the sudden power-off state, the alarm will save the parameters (like alarm volume, ringtone or alarm switch) you preset in the Set. When it is powered on, the alarm will resume normal working in time.

Conceptual image of a microchip, representing the siren alarm's power-off memory function.

9. MAINTENANCE

To ensure the longevity and reliable performance of your siren alarm, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the device with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Power Connection:** Ensure the USB cable is securely connected and the device is receiving consistent power.
- **Software Updates:** Keep the Tuya Smart or Smart Life app updated to the latest version to benefit from new features and security enhancements.
- **Environment:** Avoid placing the device in areas with extreme temperatures, high humidity, or direct sunlight.

10. TROUBLESHOOTING

If you encounter issues with your Gaoducash A03 WiFi Siren Alarm, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; device too far from router.	<ul style="list-style-type: none"> ◦ Verify Wi-Fi password. ◦ Ensure you are connecting to a 2.4GHz Wi-Fi network. ◦ Move the device closer to your Wi-Fi router. ◦ Reset the device and try pairing again.
Siren not sounding	Alarm switch off; volume set to minimum; no smart linkage configured.	<ul style="list-style-type: none"> ◦ Check the "Alarm Switch" and "Alarm On" settings in the app. ◦ Increase the "Alarm Volume" in the app. ◦ Verify that smart linkage rules are correctly configured to trigger the siren.
No alerts on mobile device	App notifications disabled; phone not connected to internet.	<ul style="list-style-type: none"> ◦ Enable notifications for the Tuya Smart/Smart Life app in your phone settings. ◦ Ensure your phone has an active internet connection. ◦ Check app settings for alert preferences.
Voice assistant not controlling siren	Skill not enabled; account not linked; incorrect voice commands.	<ul style="list-style-type: none"> ◦ Verify the Tuya Smart/Smart Life skill is enabled in your Alexa/Google Home app. ◦ Ensure your accounts are correctly linked. ◦ Use the specified voice commands.

11. WARRANTY AND SUPPORT

Gaoducash products are designed for reliability and performance. For warranty information, technical support, or further assistance, please refer to the contact details provided on the product packaging or visit the official Gaoducash website. Keep your purchase receipt as proof of purchase for warranty claims.