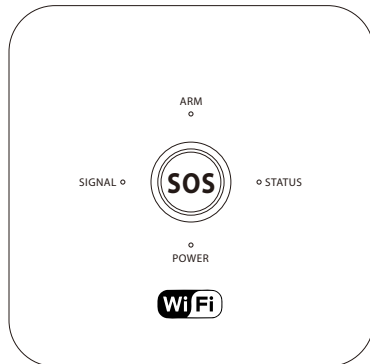# User Manual

Alarm Security Kit

Version: 1.0

Due to regular upgrades of systems and products, NGTeco could not guarantee exact consistency between the actual product and the written information in this manual.

Overview

Home security is a very important feature in times, we can now keep an eye on our homes for potential safety hazard elements irrespective of us being at hom e or out. Because of technology has been playing a very important hand in its evolution. Our Ring Alarm Security Kit, simple, economical Home Security. It is a handy and professional tool that has DIY installation while offering ground breaking protection to our homes and properties.
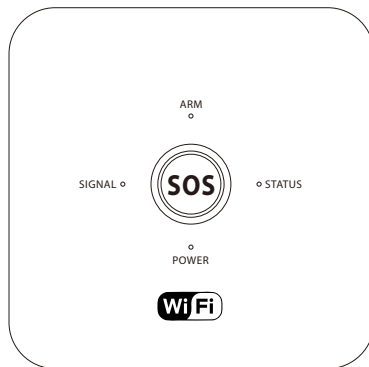
Features

- Supports 24 wireless zones
- Global GSM frequency of 850/900/1800/1900MHz is supported
- Supports 5 zones: Normal/Stay/Smart/Emergency/Close Zone
- Capable of storing three groups of time arm and disarm function. Each group can be customized weekly to avoid frequent manual arm and disarm function to realize intelligent automatic control
- Capable to save 4 groups of alarm phone numbers and 3 groups of SMS phone numbers
- Voice prompt for all the operations
- Low battery alert of the accessories
- Built-in rechargeable battery
- Reminder to turn off the AC
- Built-in Alarm
- Supports wireless alarm (433MHz frequency)
- Fast and simple steps to add new accessories
- Supports to rename a zone
- Supports two-way door function

Technical Specifications

Feature	Specifications
Input Voltage	DC 5V 1A
Static Current	<25mA
Alarm Current	<450mA
GSM Frequency	GSM850/900/1800/1900MHz
WIFI	2.4G
Back-up battery	Lithium battery, DC7.2V
Alarm frequency	85dB
Alarm Host RF receiving frequency	433MHz (±75MHz)
Alarm Host RF Transmitting frequency	433MHz (±75MHz)
Factory default password	1234
Working temperature	-10℃ - +50℃

Panel Diagram

Alarm Host Status:

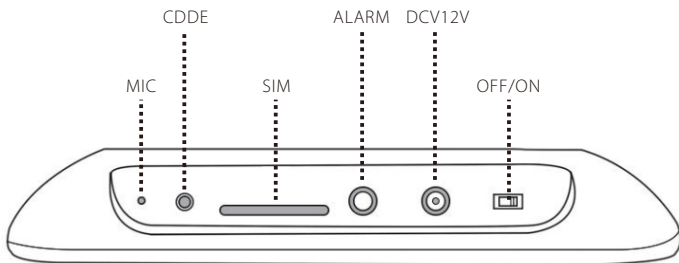| Light Indicator	Description
On	Arm
Off	Disarm
Flash	Stay Arm

STATUS:

- If the **STATUS** light flashes, it means the system is under initiazation.
- If the **STATUS** light is ON means the Wi-Fi is connected successfully.

POWER:

If the **POWER** light is on, it means the system is connected to power.
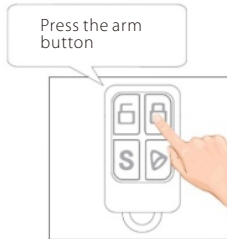
Components

Description:

- Press **CDDE** for one second and the alarm system will be in remote control status.
- Press **CDDE** again to enter zone 1, and add detectors.
- Press **CDDE** the third time to enter zone 2 and add detectors.
- Press continuously till zone 24.

Select the desired zone which you want to delete detectors, and then press and hold **CDDE** for three seconds.
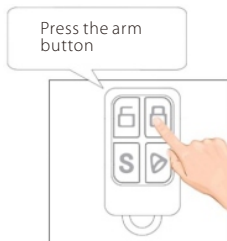
Operations

System Arm

It means to guard all around the house while everyone is out of the house. All the detectors of the host will be working when the detectors were triggered by the detecting source (anti-theft, fire prevention, gas leak, etc.) If there is any abnormality, the alarm host will trigger an alarm.
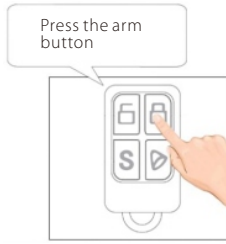
Press the arm button

System Disarm

It means to stop the alarm when the host sounds triggers an alarm even if it is not an emergency/warning. After disarming, the host would not trigger an alarm even if you trigger the detectors.

Press the arm button

System Stay Arm

It means partial arming for the host when somebody is at home and needs to enable peripherals like door, window, balcony, and boundary detectors to prevent triggering the indoor detectors which may cause improper alarm. At that point, select Stay Arm, just to enable a part of the detectors to be activated and trigger the alarm. The alarm will be deactivated in other parts.

Press the arm
button

SOS

In an emergency, press the **SOS** button on the remote controller, and the system host will start alarming and call the saved phone numbers automatically for help. There are two methods to start an **SOS** emergency.

Press the SOS
button

System Initialization

Switch on the alarm host and after 3 seconds, the host will voice prompt "**Welcome to use alarm system**", after initialization.

Add Accessories Via Alarm Host

Press the **CDDE** key on the panel for 1 second, and the alarm panel will "**beep**" one time. The "**Status**" signal light turns on and the alarm host voice prompts as "**Add remote control**". This means the alarm host is entering the remote-control status.

Add Remote Control

While working under the remote control status, press any key of the remote control to send a signal, and the alarm host will voice prompt as "**Successful**". If it beeps one time, it means this remote control has been added.

Press **CDDE** and hold on, the alarm host beeps two times and it exits the adding remote control status. The alarm host can add a maximum of 50 remote controls.

Delete Remote Controls

Press the **CDDE** key for three seconds in the remote control status and the alarm host will beep two times. Then means the remote control is deleted successfully.

Add Detectors

While working under remote control status, press the **CDDE** key for one second. The alarm host will voice prompt "**Add one zone**", which means the host is under "**Add detectors status in zone 1**". It triggers the detector to send a signal, and the voice prompts "**Added successfully**", which means the detector is added successfully. If it beeps, the detector has been added, please change another detector to add.

Press the **CDDE** key one second again, and the alarm host voice prompts "**Add two zones**". Now repeat the above steps to add another detector.

Delete Detectors

- Enter "**Add detectors status in zone 1**" and then press the **CDDE** key for three seconds. The alarm host will beep two times. It means the detector is deleted successfully in zone 1.

- Enter "**Add detectors status in zone 2**" and then press the **CDDE** key for three seconds. The alarm host will beep two times. It means the detector is deleted successfully in zone 2.

- To delete other zone detectors, please repeat the above steps.
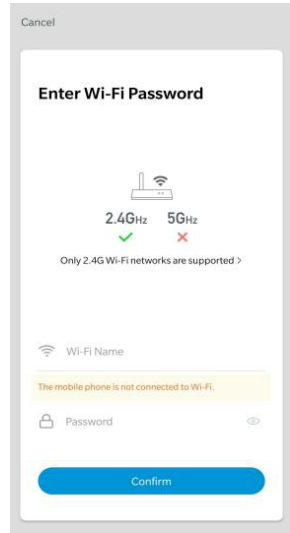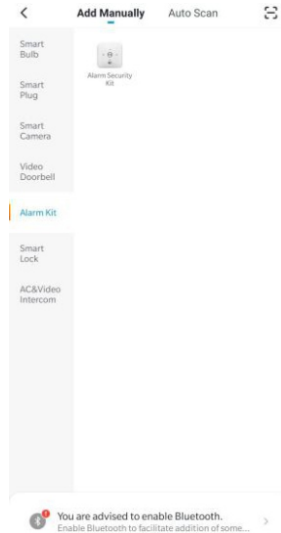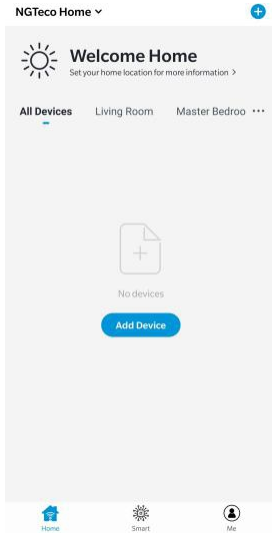
Wi-Fi Settings

App Download and Registration

Scan the above QR Code to download the App. After downloading the App on your smartphone, the user needs to register in the App. Click the "**Register**" button to go to the registration interface. User can choose phone number or email and enter the password. Then click "**Register**" to save the settings. Now the user can log in to the App to perform specific operations.
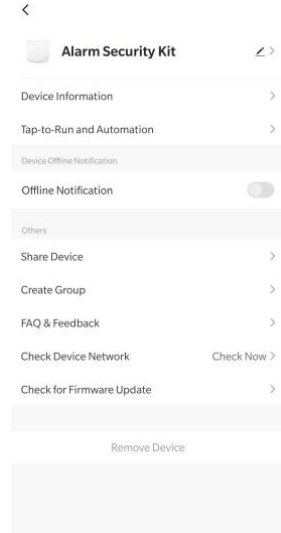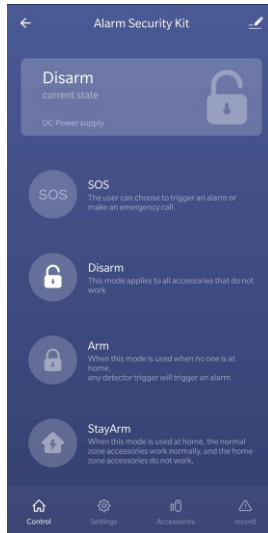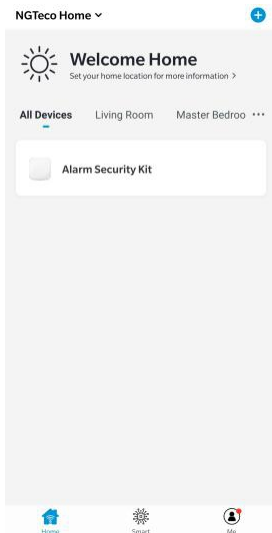
Wi-Fi Connection for Alarm Panel

Open the **NGTeco HOME** App. Tap the "**+**" button on the top right corner of the interface, and then select the "**Alarm Security Kit**" option. At the same time, please press the **CDDE** button of the panel and hold it for 3 seconds. The alarms panel will beep for 6 times, and then release the **CDDE** key. Then press the "**Confirm indicator rapidly blink**". In the next step, select the network, enter the password and press "**OK**". Now the kit will be connected to Wi-Fi successfully and it will be displayed on the device interface.
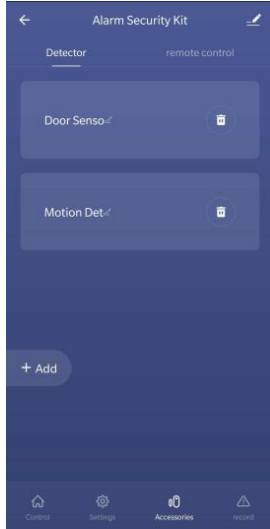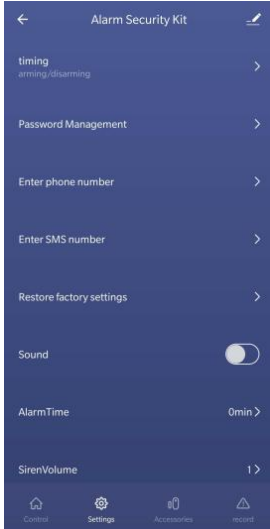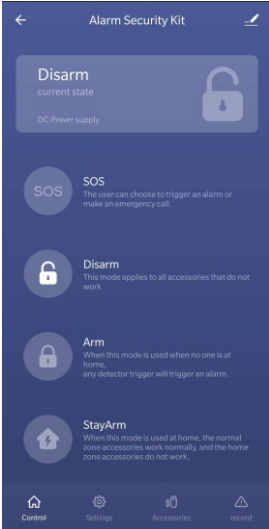
Edit Device Name/Device Location/Share Device/Remove Device:

Choose the device that you want to edit and then click [icon] , Then select the "**Device name**" to edit.
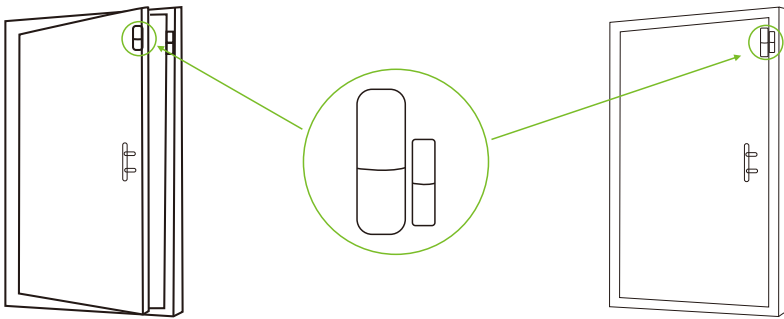
Device Parameter Settings

Please select the device that you want to change the settings. Then press the "**Settings**" icon and perform the related functions. If you need to add more detectors and remote-control function, then press the "**Accessories**" icon and then press "**+ Add**".
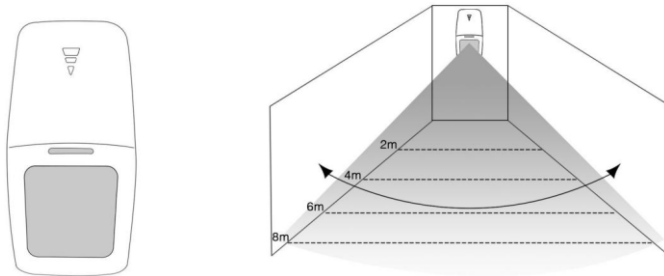

Detectors Installation

Installation Diagram of Magnetic Door Detector

Precautions:

- The gap between the magnet and the sensor should be less than 10mm.

- After installation, if the indicator light of the detector is ON when the door is open, it means the installation is successful.

- If the indicator light of the door detector flashes when it is triggered, it means the battery of the sensor is low, and you need to change the battery as soon as possible.

- The transmission distance of the detectors is less than 100meters in the open area. Please test the distance before installing it. The obstacles may change the transmitting distance.

Installation Diagram of PIR Motion Detector

To avoid the false alarm, please pay attention to the following points while installing the PIR motion detector:

- Do not focus on any glass object like glass windows.

- Do not focus on any big object.

- Do not install in locations in which is cool/heat or has a heat source.

- Any furniture, mini escape room, or any other isolation should be away from the detecting scope.

- Do not install two or more detectors in the same area or it will cause interference when it alarms.

- When the detector is triggered and the LED indicator flashes, it means the battery is low. Please change it as soon as possible.

The detecting distance is less than 8 meters, and the transmitting distance is less than 100 meters. Please test the distance after installing since the obstacles may influence the distance.

FC

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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