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> HUXGO HXA007 Wireless WiFi + 4G GSM Home Alarm System User Manual

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Model: HXA007

1. INTRODUCTION

The HUXGO HXA007 is a comprehensive wireless home alarm system designed to provide robust security for your property. It features dual connectivity options, including WiFi and 4G GSM, allowing for flexible control and reliable alarm notifications. The system is managed via an intuitive 4.3-inch TFT LCD color touchscreen and is compatible with the TUYA Smart mobile application for remote control and monitoring. This manual provides detailed instructions for setting up, operating, and maintaining your HXA007 alarm system.

2. PACKAGE CONTENTS

Before beginning installation, please verify that all components listed below are present in your package:

- 1x HXA007 Control Panel
- 1x Internal Alarm Siren
- 1x Motion Detector
- 7x Door/Window Opening Detectors
- 2x Remote Controls
- 2x RFID Key Fobs
- 1x Power Adapter
- Batteries (for sensors and remote controls)
- Installation Accessories (adhesive tape, screws, wall plugs)
- 1x User Manual



Figure 2.1: Overview of the HUXGO HXA007 alarm system components, including the control panel, motion sensor, remote control, door/window sensor, wired siren, and RFID tag.

3. SETUP AND INSTALLATION

The HXA007 system is designed for wireless installation, ensuring a quick and efficient setup process. Follow these steps to install your alarm system:

3.1 Control Panel Placement and Power

1. Choose a central location for the control panel, away from direct sunlight and heat sources, and within range of your WiFi network.
2. Mount the control panel to a wall using the provided screws and wall plugs.
3. Connect the power adapter to the control panel and plug it into a standard electrical outlet. The system also has an emergency power supply for 6 to 8 hours during outages.



Figure 3.1: Dimensions of the HUXGO HXA007 control panel, measuring 160mm in length, 98mm in height, and 19mm in depth.

3.2 SIM Card Installation (for 4G GSM)

If you plan to use the 4G GSM functionality for SMS notifications and calls, install a compatible SIM card:

1. Ensure the control panel is powered off.
2. Locate the SIM card slot on the control panel.
3. Insert the SIM card, ensuring it is permanently unlocked before insertion. An unlocked SIM card is crucial for the system to recognize and utilize the 4G network.
4. Power on the control panel.

3.3 WiFi Connection

To enable WiFi control via the TUYA Smart App:

1. On the control panel's touchscreen, navigate to the network settings.
2. Select your WiFi network and enter the password.
3. Confirm the connection.



Figure 3.2: Illustration of the HUXGO HXA007's dual network connectivity, supporting both WiFi and GSM for reliable communication.

3.4 Sensor Pairing and Placement

The system supports up to 99 sensors. Follow the control panel's intuitive software instructions to pair each sensor:

1. **Motion Detector:** Install the motion detector in areas where intruders are likely to pass, such as hallways or living rooms. Ensure it has a clear line of sight.
2. **Door/Window Opening Detectors:** Attach these sensors to doors and windows. The two parts of the sensor must be aligned and close to each other when the door/window is closed.
3. **Internal Alarm Siren:** Place the siren in a location where its sound can be heard clearly throughout the property.



Figure 3.3: Individual components: Motion detector, door/window sensor, and wired siren.

3.5 TUYA Smart App Setup

Download the TUYA Smart App from your device's app store (iOS and Android compatible). Follow the in-app instructions to add your HXA007 alarm system and configure settings, including alarm notifications and remote control.

4. OPERATING THE SYSTEM

The HXA007 offers multiple ways to control your security system.

4.1 Arming and Disarming

- **Arm:** Activates all sensors. Any triggered sensor will set off the alarm.
- **Stay Arm:** Activates perimeter sensors (e.g., door/window sensors) while allowing movement within the property (e.g., motion detectors are disarmed).
- **Disarm:** Deactivates all sensors, allowing free movement without triggering the alarm.

You can arm or disarm the system using the control panel's touchscreen, the remote controls, RFID key fobs, or the TUYA Smart App.

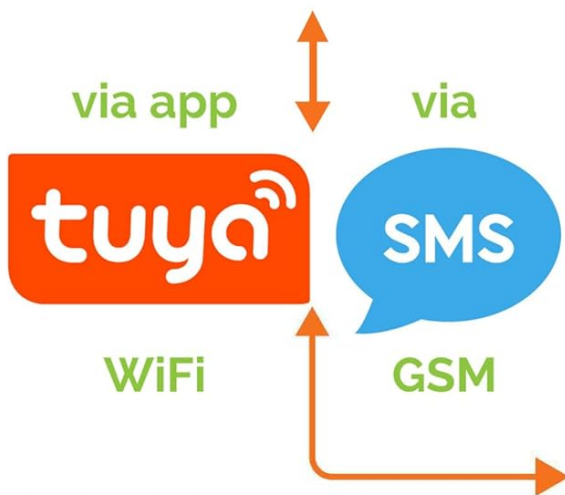


Figure 4.1: The HUXGO remote control with buttons for arming, disarming, stay arm, and SOS.

4.2 Alarm Notifications

In case of an alarm event, the system will:

- Trigger the internal siren (105 Decibels).
- Send notifications to your smartphone via the TUYA Smart App.
- Send SMS messages to pre-configured phone numbers (if a 4G GSM SIM card is installed and configured).



DUALES NETZ: ZWEI MÖGLICHKEITEN ZUR STEUERUNG DER ALAMANLAGE



Figure 4.2: The HUXGO HXA007 alarm system can be controlled via the TUYA app (WiFi) or SMS (GSM).

4.3 SOS Function

Pressing the SOS button on the control panel or remote control will immediately trigger the alarm and send emergency notifications to designated contacts.



Figure 4.3: Various alarm scenarios detected by the HUXGO HXA007 system, including motion detection, door/window breaches, and SOS activation.

4.4 Security Zones

The system supports different security zones to customize protection:

- **Interior Zone:** Typically for motion sensors inside the property.
- **Exterior Zone:** For sensors protecting the perimeter, like door/window sensors.
- **24/7 Zone:** For sensors that are always active, such as smoke detectors or gas leak detectors (if integrated).

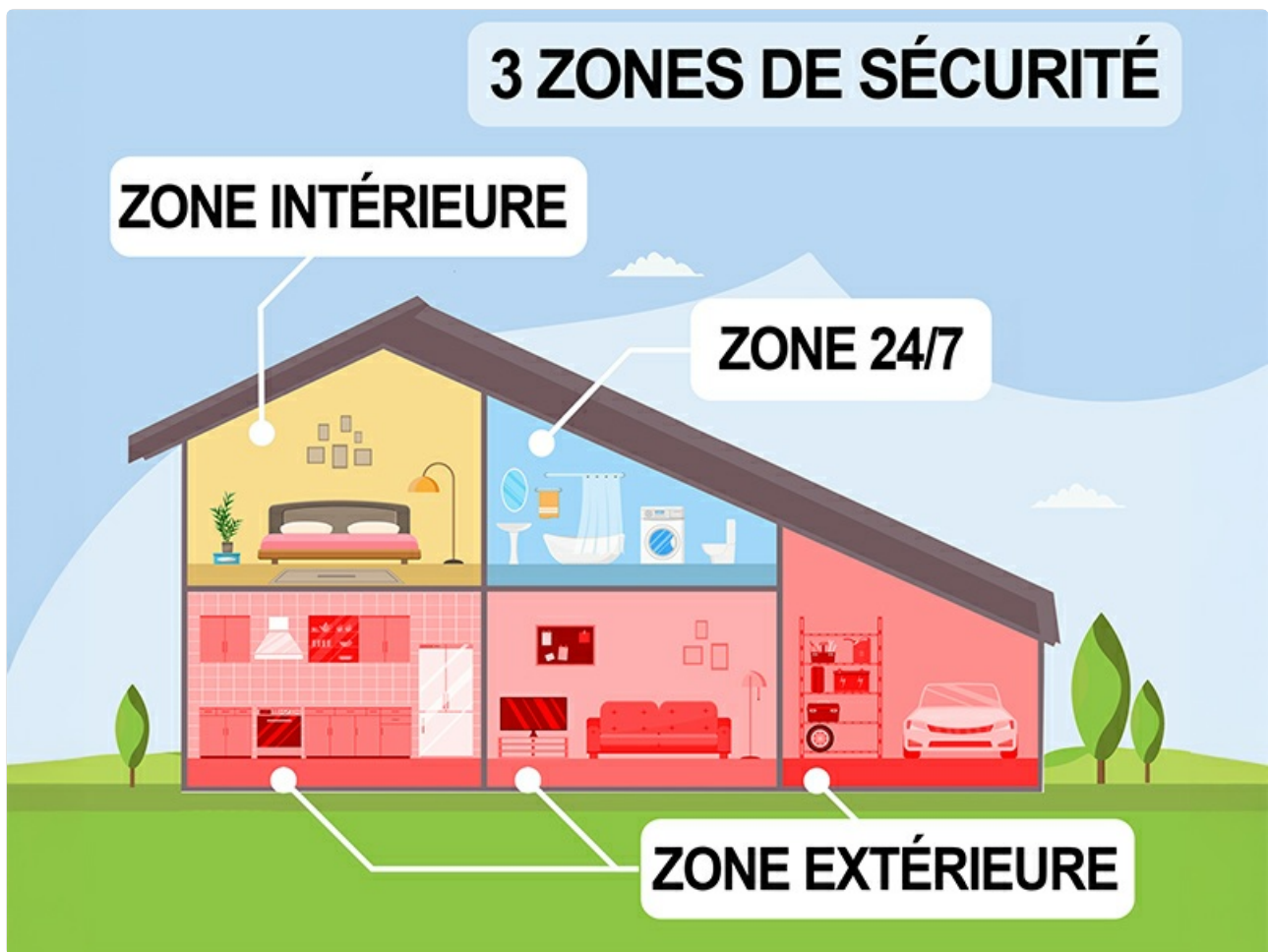


Figure 4.4: Illustration of the three security zones (Interior, Exterior, 24/7) for comprehensive home protection.

5. MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your HUXGO HXA007 alarm system.

5.1 Battery Replacement

Sensors and remote controls are battery-powered. The control panel will typically indicate low battery status for connected devices. When replacing batteries:

- Use the correct battery type as specified in the individual sensor/remote manual.
- Exercise caution when opening the casing of door sensors and remote controls, as the plastic can be fragile and may break if not handled carefully.
- Dispose of old batteries responsibly according to local regulations.

5.2 Cleaning

Wipe the control panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the surfaces.

5.3 System Checks

Periodically test your alarm system to ensure all components are functioning correctly:

- Trigger a sensor (e.g., open a protected door while armed) to verify the siren activates and notifications are received.
- Check the status of all sensors via the TUYA Smart App or control panel.

6. TROUBLESHOOTING

If you encounter issues with your HUXGO HXA007 alarm system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
SIM card not recognized / 4G GSM not working	SIM card is locked with a PIN or not properly inserted.	Ensure the SIM card is permanently unlocked (PIN removed) before inserting it into the control panel. Reinsert the SIM card correctly.
No WiFi connection	Incorrect WiFi password, out of range, or network issues.	Verify the WiFi password. Move the control panel closer to the router. Check your home WiFi network.
Sensor not pairing or unresponsive	Low battery, out of range, or incorrect pairing procedure.	Replace sensor batteries. Ensure the sensor is within range of the control panel. Repeat the pairing process as per the control panel's instructions.
False alarms	Improper sensor placement, environmental factors (pets, drafts), or sensitivity settings.	Adjust motion detector sensitivity. Reposition sensors to avoid false triggers. Ensure doors/windows are fully closed.
Control panel unresponsive	Power issue or system freeze.	Check power connection. If on battery, ensure it's charged. Restart the control panel by disconnecting and reconnecting power.

7. SPECIFICATIONS

Feature	Detail
Model Number	HXA007
Manufacturer	HUXGO
Product Dimensions (L x W x H)	16 x 9.8 x 2 cm
Weight	634 Grams
Material	ABS
Power Source	Electric cable, Battery
Installation Method	Wall installation
Sound Level	105 Decibels
Usage Environment	Home, apartment, office, camper, garage
Compatible Devices	Smartphone, Tablet
Connectivity Technology	Wireless (WiFi & GSM 4G)
Alert Type	Audio only
Control Method	Application, Touch, Remote control
Country of Origin	China

8. WARRANTY AND SUPPORT

For warranty information and technical support, please contact HUXGO directly. Details regarding spare parts availability are currently not provided. It is recommended to retain your proof of purchase for any warranty claims.