TOWODE KERUIG18

KERUI G18 GSM Business Wireless Burglar Alarm System User Manual

Model: KERUIG18 | Brand: TOWODE

1. INTRODUCTION

The KERUI G18 GSM Business Wireless Burglar Alarm System is a comprehensive security solution designed to protect your home or business. This system utilizes GSM technology for communication, allowing for remote control and alerts via phone calls and SMS messages. It features a user-friendly interface with an intelligent LED display and voice prompts.

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your G18 alarm system. Please read it thoroughly before using the product to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Upon opening the package, verify that all components listed below are present and in good condition:

- 1x G18 Main Panel
- 2x PIR Motion Sensors
- 5x Door Sensors
- 2x Remote Controls
- 1x Wired Siren
- 1x UK Power Supply
- Free Batteries and Mounting Hardware

Note: A standard-sized GSM SIM card is required for the system's communication features (calls and SMS) and is not included in this package.

Image: Overview of the KERUI G18 alarm system components, showing the main control panel, two PIR motion sensors, five door/window sensors, two remote controls, and a wired siren.

3. KEY FEATURES

- **Smart Home Alarm:** Auto-dialer function calls and sends SMS texts to 6 designated phone numbers sequentially upon security breach.

- **Comprehensive System:** 99 zones capacity with 8 zone attributes (Normal, Home, Arm, Intelligent, Emergency, Closed, Chime, Welcome, Help Senior). Supports up to 150 sensors and 150 remote controls.

- **Scheduled Arming/Disarming:** 4 groups of scheduled arming/disarming times.

- **Remote Control:** Control the alarm panel via phone calls, SMS, or remote controls.

- **Tamper Switch & Memory Function:** Built-in tamper switch protects the panel from unauthorized removal.

- **Alerts:** Caller number display, mains power ON/OFF warning.

- **One-Key Control:** Away arm, Home arm, arm by remote controller or phone call; SOS, fire, door, hall, window, balcony, and boundary places alarm.

- **Backup Power:** Main Panel includes an 8-hour lithium rechargeable backup battery.
- **Security:** Custom passcode locks the panel and is required to disarm the alarm.
- **Two-Way Intercom:** Remote arm, disarm, and 2-way intercom monitoring by phone (listening in to your main panel location).
- **Compatibility:** Supports RFID keypad, wireless siren, and Contact ID protocol.
- **Mobile App Control:** Free mobile app "G18 Alarm System" for iOS and Android for remote management.

Image: A visual representation of the KERUI G18 system's connectivity, showing the main panel, remote controls, power adapter, SIM card insertion, and various alarm functions like SMS/Call, On-site alarm, SOS, APP push, and scheduled settings.

Image: Illustrates various applications of the KERUI G18 alarm system, including protection against burglary, security for businesses, SOS functionality for elderly individuals, and child safety protection.

4. SETUP AND INSTALLATION

4.1 Main Panel Setup

1. **Power Connection:** Connect the UK power supply to the G18 Main Panel and plug it into a wall outlet. The panel has an internal rechargeable battery for backup power.

2. **SIM Card Insertion:** Open the SIM card slot cover on the main panel. Insert a standard-sized GSM SIM card with active credit. Ensure the SIM card is inserted correctly according to the diagram on the panel.

3. **Initial Power On:** Press the power button to turn on the main panel. The LED display will light up.

4. **Language Setting:** Follow the on-screen prompts to select your preferred language.

5. **Time and Date Setting:** Set the current time and date on the panel for accurate event logging.

4.2 Sensor Installation

All sensors are pre-programmed and come with batteries installed. Ensure proper placement for optimal detection.

4.2.1 PIR Motion Sensors

- Mount PIR sensors in corners of rooms or hallways, approximately 2.2-2.5 meters (7-8 feet) from the floor.
- Avoid direct sunlight, heat sources, or areas with strong air currents (e.g., near vents) to prevent false alarms.
- Ensure the sensor's detection area covers the desired entry points or high-traffic zones.

4.2.2 Door/Window Sensors

- Install the main part of the sensor on the door or window frame and the magnetic part on the moving door or window.
- Ensure the two parts are aligned and within 1 cm (0.4 inches) of each other when the door/window is closed.
- Use the provided adhesive or screws for secure mounting.

4.2.3 Wired Siren

- Connect the wired siren to the designated siren port on the main panel.
- Place the siren in a location where its sound can be clearly heard, preferably indoors to protect it from weather.
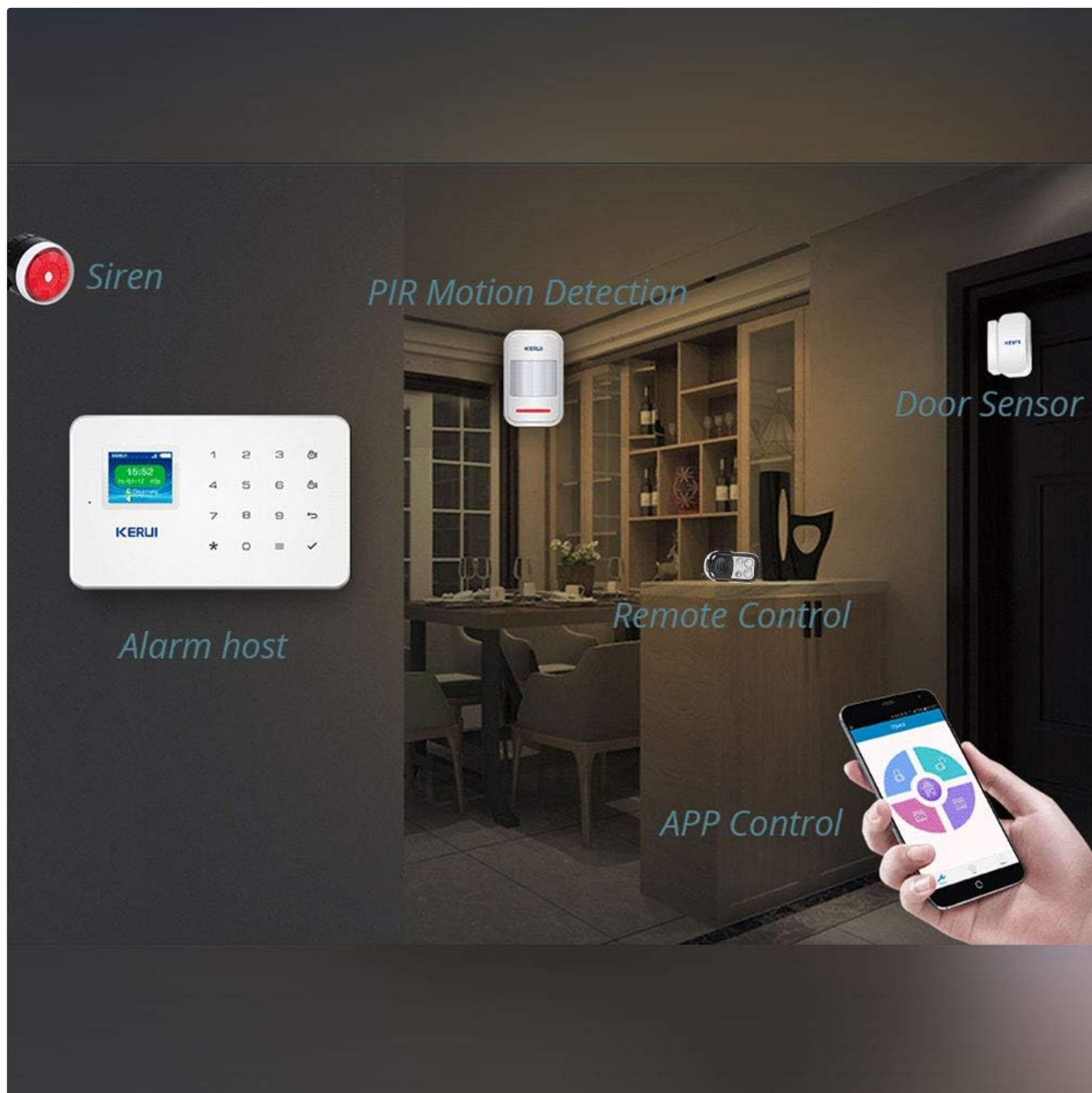
Image: Depicts the various components of the KERUI G18 alarm system, including the main alarm host, siren, PIR motion detection sensor, door sensor, remote control, and a smartphone demonstrating APP control, all integrated into a typical home environment.

5. OPERATING INSTRUCTIONS

5.1 Arming and Disarming

- **Away Arm:** Activates all sensors. Ideal when no one is home. Can be done via panel, remote control, phone call, or app.
- **Home Arm:** Activates perimeter sensors (e.g., door/window sensors) while allowing free movement inside. Can be done via panel, remote control, phone call, or app.
- **Disarm:** Deactivates the alarm system. Can be done via panel (with passcode), remote control, phone call, or app.

5.2 Programming Phone Numbers

The system can store up to 6 alarm phone numbers for calls and SMS alerts.

1. Access the "Number Settings" menu on the main panel.

2. Enter the desired phone numbers for alarm calls and SMS notifications.

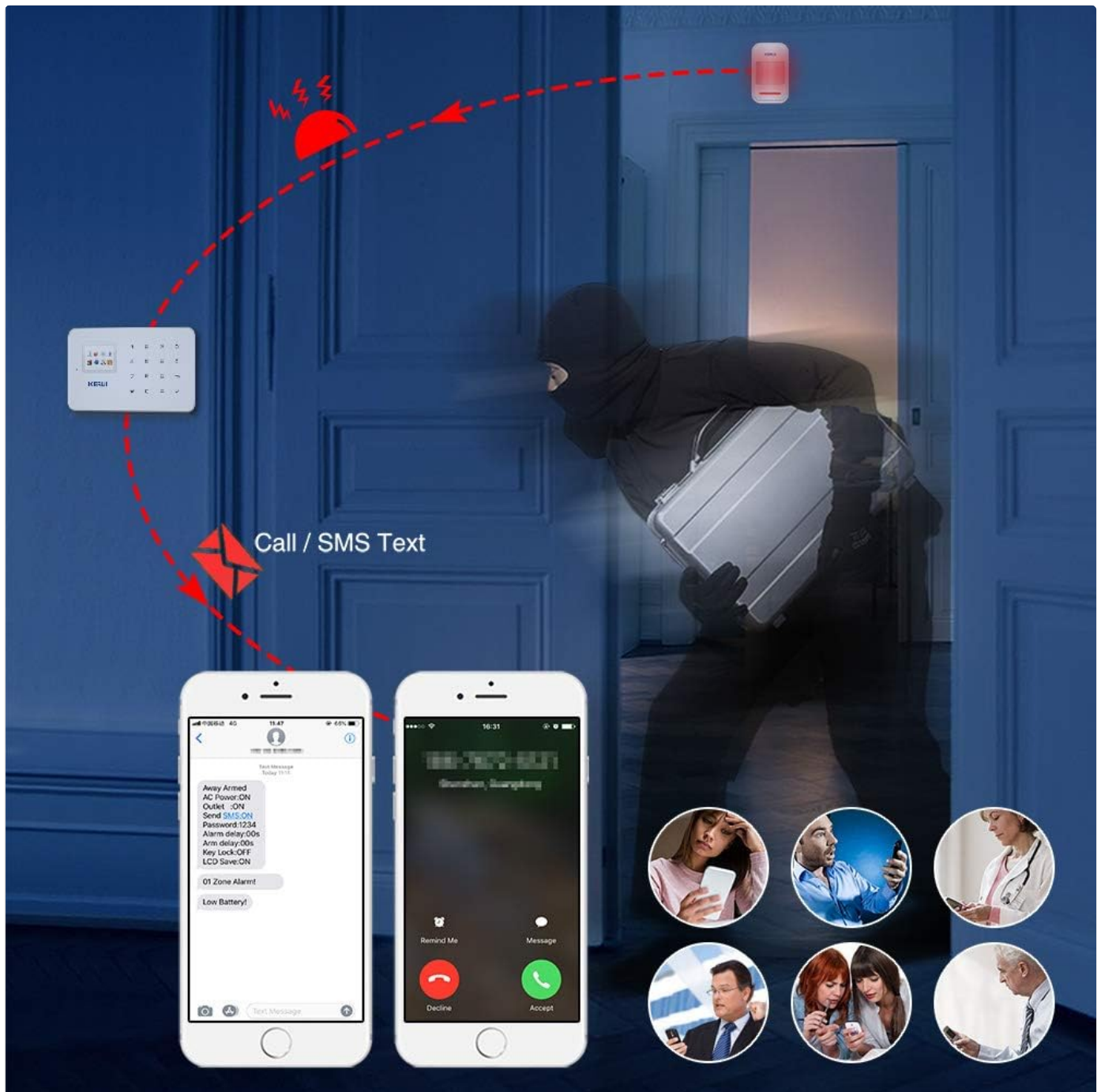3. Save the settings. The system will dial these numbers sequentially in case of an alarm.

Image: Illustrates the KERUI G18 alarm system's alert mechanism, where an intrusion triggers both a phone call and an SMS text message to pre-set contacts, demonstrating how multiple individuals can be notified simultaneously.

5.3 Mobile App Control

The "G18 Alarm System" app provides full remote control and configuration capabilities.

- Download the app from the App Store (iOS) or Google Play Store (Android).
- **iOS App:** G18 Alarm System on App Store
- **Android App:** G18 Alarm System on Google Play
- Register your device within the app using the provided instructions.
- Use the app to Arm, Disarm, Home Arm, set delay times, schedule alarms, manage phone numbers, and configure zone attributes.
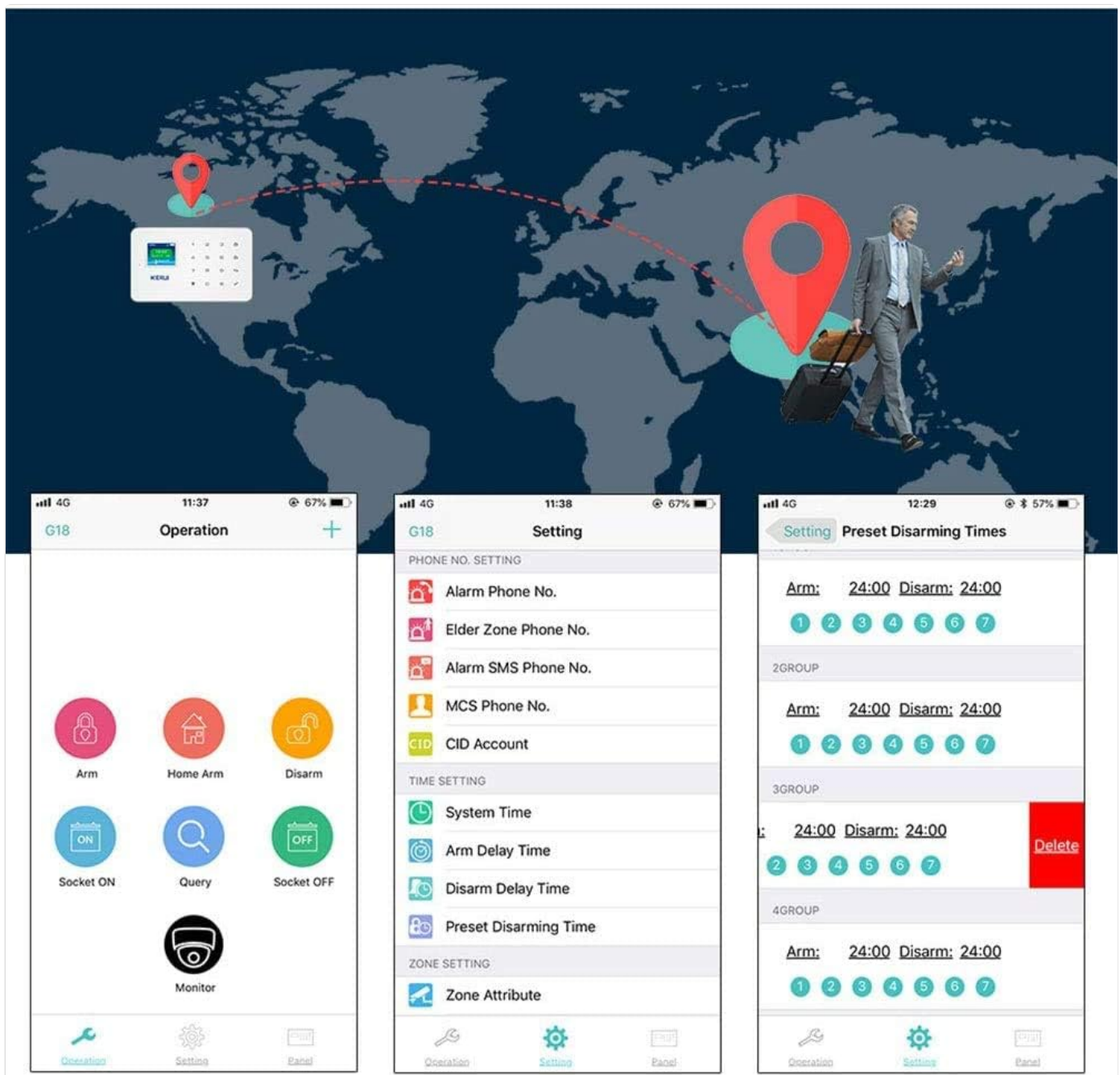
Image: Displays screenshots of the KERUI G18 mobile application, illustrating its main operation screen, settings menu, and the interface for presetting arming and disarming times, demonstrating remote control capabilities.
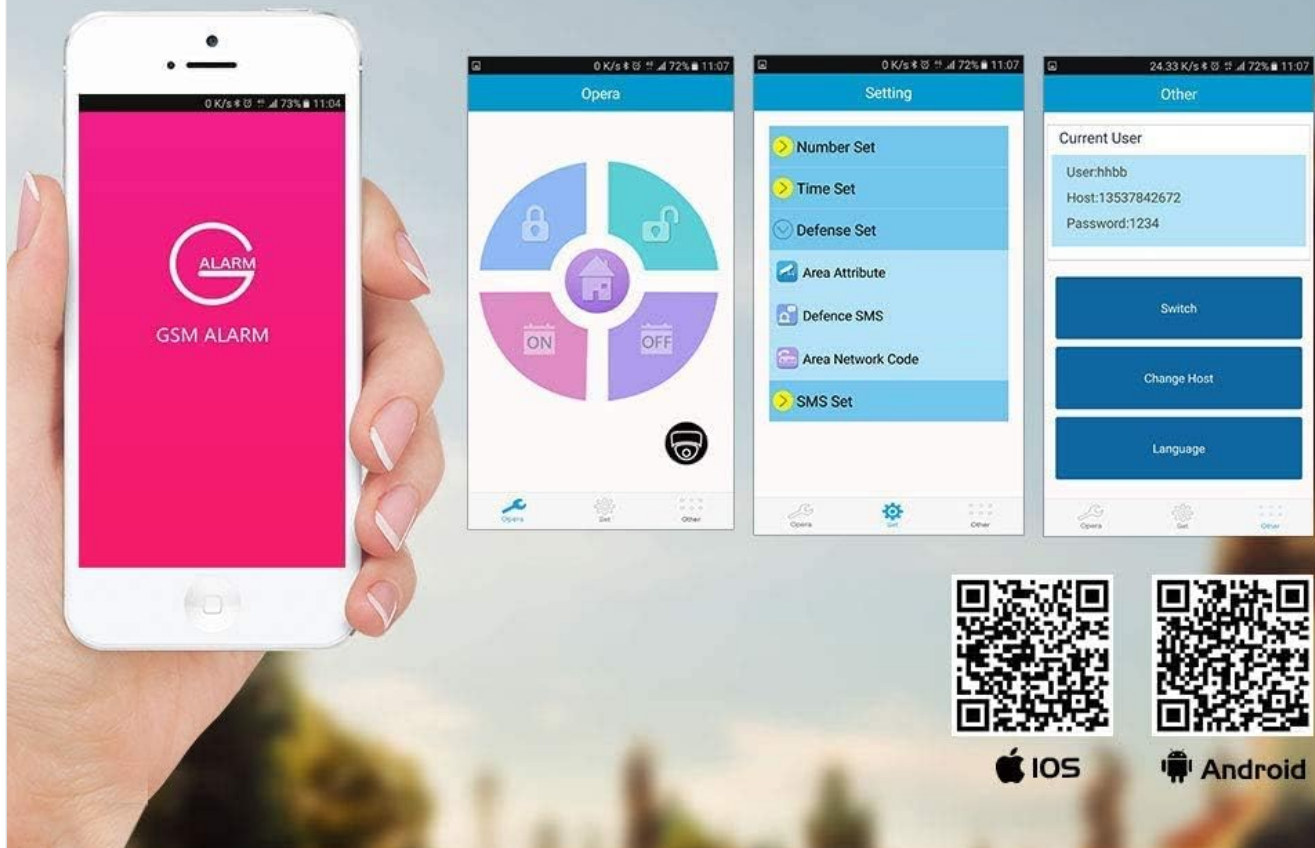
Image: Shows the KERUI G18 mobile application interface for remote control, alongside QR codes for easy download of the app on both iOS and Android smartphones.

5.4 Zone Attributes

The G18 system offers 8 zone attributes to customize sensor behavior:

- **Normal:** Standard alarm trigger.
- **Home:** Active in Home Arm mode.
- **Arm:** Active in Away Arm mode.
- **Intelligent:** Requires two triggers within 30 seconds to activate alarm (useful for pets).
- **Emergency:** Triggers immediate alarm regardless of arming status (e.g., SOS button).
- **Closed:** Zone is bypassed/disabled.
- **Chime:** Sounds a chime when triggered, no alarm.
- **Welcome:** Sounds a welcome tone when triggered.
- **Help Senior:** Specific attribute for senior assistance.

6. Maintenance

- **Battery Replacement:** Replace batteries in wireless sensors (PIR, door/window) when the low battery indicator appears on the main panel or app. The main panel's internal battery is rechargeable and should be kept charged.
- **Cleaning:** Gently wipe the main panel and sensors with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **System Testing:** Periodically test your alarm system (e.g., once a month) by triggering a sensor to ensure the siren sounds and alerts are sent to your phone numbers. Inform your contacts before testing.
- **SIM Card Credit:** Ensure your GSM SIM card has sufficient credit to send SMS and make calls for alarm notifications.

7. Troubleshooting

Problem	Possible Cause	Solution
System not arming/disarming via remote.	Remote control battery low or out of range.	Replace remote control battery. Move closer to the main panel.
No alarm calls/SMS received.	No SIM card, SIM card credit low, incorrect phone numbers programmed, or poor GSM signal.	Ensure SIM card is inserted and has credit. Verify programmed numbers. Check GSM signal strength on the panel.
False alarms from PIR sensors.	Incorrect placement (near heat sources, direct sunlight, pets) or "Normal" zone attribute for pet areas.	Relocate sensor. Change zone attribute to "Intelligent" for areas with pets.
Main panel not powering on.	Power adapter issue or internal battery depleted.	Check power adapter connection. Allow time for internal battery to charge.
Sensors not triggering alarm.	Sensor battery low, sensor out of range, or sensor not properly paired/enabled.	Replace sensor battery. Move sensor closer to panel. Re-pair sensor if necessary. Check zone attribute.

8. Specifications

- **Model:** KERUIG18
- **Brand:** TOWODE
- **Power Source:** AC (UK Power Supply included)
- **Backup Battery:** 8-hour Lithium rechargeable (included)
- **Material:** ABS
- **Colour:** White
- **Item Weight:** Approximately 998 g
- **Max Sensors:** 150 wireless sensors
- **Max Remote Controls:** 150 remote controls
- **GSM Support:** Standard-sized GSM SIM card (not included)
- **App Compatibility:** iOS and Android ("G18 Alarm System" app)
- **Battery Life (Sensors):** Approximately 180 days (for AA batteries in PIR sensors)

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact TOWODE customer service directly. You can also visit the official TOWODE store on Amazon for further assistance and product information:

Visit the TOWODE Store on Amazon

For additional resources and video tutorials, you may search for "Kerui G18/W18" on YouTube.

Related Documents - KERUIG18

	[TOWODE Water Detector User Manual: Operation and Battery Replacement Guide](#) Comprehensive user manual for the TOWODE Water Detector, detailing product features, specifications, battery replacement steps, and warranty information. Learn how to effectively use and maintain your leak detection device.
	[TOWODE Fingerprint Padlock: Setup, Usage, and Warranty Guide](#) Comprehensive guide for the TOWODE fingerprint padlock, covering fingerprint setup, deletion, charging, low power alerts, warranty information, and customer support.