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KERUI KERUI-HEJD

KERUI Mini Wired Alarm Siren 12V 120dB - Instruction Manual

Model: KERUI-HEJD

1. Product Overview

The KERUI Mini Wired Alarm Siren is designed to provide a loud audible alert for your security system. It is a compact and lightweight device, easy to install and integrate with compatible alarm panels, such as the KERUI GSM home alarm system. This siren produces a powerful 120dB sound, serving as an effective deterrent and alert mechanism for various premises including homes, hotels, apartments, shops, sheds, villas, and business offices.



Figure 1: The KERUI Mini Wired Alarm Siren, showcasing its compact design and wired connection.



Figure 2: The siren held in a hand, illustrating its small and portable size.

2. Key Features

- **High Decibel Output:** Delivers a 120dB alarm sound to effectively alert occupants and neighbors of an intrusion.
- **Compact and Portable:** Lightweight and small design for easy placement and transport.
- **Wired Connection:** Ensures a reliable connection to your alarm system panel.
- **Easy Installation:** Designed for straightforward setup, can be mounted using adhesive or screws.
- **System Compatibility:** Compatible with KERUI alarm system panels and other systems supporting 12VDC wired sirens.

3. Specifications

Attribute	Detail

Attribute	Detail
Rated Voltage	12V DC
Sound Index	120dB
Sound Frequency	3.8KHz ± 10%
Transmission Rate	3Hz increase or decrease 10%
Material	Plastic and Metal
Color	Black
Dimensions	Approximately 11 x 9 x 6 cm
Product Weight	40 g
Cable Length	880mm (0.88 meters)
Compatible Devices	KERUI alarm system panel



Figure 3: Detailed dimensions of the siren and its cable length.

4. Package Contents

The package includes the following item:

- 1 x Wired Alarm Siren

5. Setup and Installation

Follow these steps to set up and install your KERUI Mini Wired Alarm Siren:

1. **Choose a Location:** Select a suitable location for the siren, typically at a height of 2.5 meters or more, on a wall, door, or balcony. Ensure the location is secure and allows the sound to propagate effectively.
2. **Mount the Siren:** The siren can be mounted using either the provided double-sided adhesive or screws.

- *Adhesive Mounting:* Clean the surface thoroughly. Peel off the protective film from the double-sided adhesive on the back of the siren and firmly press it onto the desired surface.
- *Screw Mounting:* Use the mounting holes on the siren's base to mark and drill pilot holes. Secure the siren with appropriate screws (not included).

3. **Connect to Alarm Panel:** Connect the siren's wired 3.5mm jack connector to the designated siren output port on your KERUI alarm system panel. Ensure a secure connection.
4. **Test the System:** After installation, activate your alarm system to test the siren's functionality. The siren should sound when the alarm is triggered.



Figure 4: Diagram illustrating the connection of the siren to an alarm host system and detectors.



Figure 5: Close-up view of the 3.5mm jack connector for connecting the siren to the alarm panel.

6. Operating Instructions

The KERUI Mini Wired Alarm Siren operates in conjunction with your main alarm system panel. It does not have independent controls.

- **Activation:** When your connected alarm system detects an intrusion (e.g., via door/window sensors or motion detectors) and triggers an alarm event, the siren will automatically activate and emit a 120dB sound.
- **Deactivation:** The siren will cease sounding when the alarm system is disarmed or the alarm event is cleared from the main control panel.



Figure 6: The siren connected to an alarm system, demonstrating its loud 120dB output during an alarm event.

7. Maintenance

To ensure optimal performance and longevity of your KERUI Mini Wired Alarm Siren, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the siren's exterior with a soft, dry cloth to remove dust and dirt. Do not use abrasive cleaners or solvents.
- **Environmental Conditions:** Ensure the siren is installed in a dry environment, away from direct moisture, extreme temperatures, and corrosive substances.
- **Cable Inspection:** Regularly inspect the connecting cable for any signs of wear, damage, or fraying. Replace if necessary to maintain a reliable connection.
- **Functionality Test:** Test the siren's functionality as part of your overall alarm system maintenance routine, typically once every few months.

8. Troubleshooting

If you encounter issues with your KERUI Mini Wired Alarm Siren, consider the following troubleshooting steps:

- **Siren Does Not Sound:**
  - Verify that the siren is correctly connected to the alarm panel's siren output port.
  - Ensure the alarm panel is powered on and functioning correctly.
  - Check the alarm panel's settings to confirm that the siren output is enabled and configured to activate during an alarm event.
  - Inspect the siren's cable for any damage or breaks.
- **Siren Sounds Continuously or Unexpectedly:**
  - This indicates an active alarm state or a fault in the alarm system. Disarm your alarm system via the control panel.
  - If the siren continues to sound after disarming, disconnect the siren from the alarm panel and contact your alarm system provider for further assistance.
- **Low Sound Output:**
  - Ensure the siren is not obstructed by objects that could muffle the sound.
  - Verify the siren is receiving the correct 12V DC power from the alarm panel.

9. Warranty and Support

KERUI provides a 12-month warranty for this product. For technical support or any inquiries, please contact KERUI customer service. Free lifetime technical support is available, with friendly customer service typically responding within 24 hours.
For further assistance, please refer to the contact information provided with your purchase or visit the official KERUI store page.

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