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› Dioche Electronic Alarm Siren Horn 150dB (Model Diocheew0x3ot7k8) User Manual

Dioche Diocheew0x3ot7k8

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For Indoor/Outdoor Home Security Systems

1. PRODUCT OVERVIEW

The Dioche Electronic Alarm Siren Horn is a high-decibel security device designed for both indoor and outdoor use with home security systems. This 12V DC siren provides a powerful 150dB alert to deter intruders and notify occupants of security breaches. Its robust construction ensures reliable performance in various environments.

12V 150 Db treble speaker

far volume and dual tone, can be worked with various alarm connection.



Figure 1: Front view of the Dioche Electronic Alarm Siren Horn.

Key Features:

- **Wide Application:** Compatible with various alarm hosts, gas leakage alarms, infrared peripheral alarm equipment, and general security systems for residential and commercial use.
- **Powerful Alarm Sound:** Delivers up to 150dB loudness with a 30W rated power, ensuring a distinct and far-reaching warning sound.
- **Accurate Location Identification:** Triggers a unique three-section alarm sound upon intrusion, aiding in quick identification of the incident location.
- **Flexible Installation:** Features an ABS fire-retardant shell and supports screw fixation on walls, doorways, and balconies. Recommended installation height is 2.5 meters or above for optimal sound transmission.
- **Sturdy and Long-Lasting:** Constructed from durable materials for stable performance and extended service life.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing and operating this device. Failure to follow these

instructions may result in electric shock, fire, or serious injury.

- **High Sound Level:** This siren produces extremely loud sounds (up to 150dB). Prolonged exposure to high sound levels can cause hearing damage. Avoid direct exposure to the siren when it is active.
- **Electrical Hazard:** The siren operates on 12V DC. Ensure all power connections are made correctly and securely. Disconnect power before performing any installation or maintenance.
- **Installation:** Install the siren in a location where it is protected from direct weather exposure if possible, and out of reach of children. Ensure the mounting surface is stable and can support the device.
- **Intended Use:** Use this device only for its intended purpose as an alarm siren for security systems. Do not modify the device.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Dioche Electronic Alarm Siren Horn (Model Diocheew0x3ot7k8)
- Mounting Bracket
- Screws and Wall Anchors (may vary by package)

4. SPECIFICATIONS

Feature	Specification
Model Number	Diocheew0x3ot7k8
Brand	Dioche
Color	White
Voltage	12 Volts DC
Wattage	30 watts
Audible Noise	150 Decibels
Product Dimensions (L x W x H)	9.1" x 4.9" x 7.9" (23 x 12.5 x 20 cm)
Item Weight	1.9 Pounds (0.86 kg)
Material	ABS Fire-Retardant Shell
Mounting Type	Wall Mount
Compatible Devices	Home Security System



Figure 2: Product dimensions of the siren horn.

5. SETUP AND INSTALLATION

5.1 Mounting the Siren

1. Choose a suitable mounting location. For optimal sound transmission, an installation height of 2.5 meters (approximately 8.2 feet) or above is recommended. The siren can be installed on walls, doorways, or balconies.
2. Ensure the mounting surface is clean, dry, and structurally sound.
3. Use the mounting bracket as a template to mark the drilling points on the wall.
4. Drill holes at the marked points and insert wall anchors if necessary.
5. Secure the mounting bracket to the wall using the provided screws.
6. Attach the siren unit to the mounting bracket. The angle can be adjusted by loosening the nut between the main body and the base, then tightening it once the desired direction is achieved.

Flexible and convenient installation options

Generally installed in the wall or doorway or balcony and other places, the installation height of 2.5 meters or more.



Figure 3: Example of outdoor siren installation.

5.2 Wiring Instructions

The siren requires a 12V DC power source and connection to an alarm control panel. It features three wires for connection:

- **Red Wire:** Connect to the **Positive (+)** terminal of your 12V DC power source.
- **White Wire:** Connect to the **Negative (-)** terminal of your 12V DC power source. This wire also serves as a common ground for both siren tones.
- **Yellow Wire:** This wire provides an alternative tone. Connect it to the **Negative (-)** terminal (along with the white wire) to activate the second siren tone.

To achieve the primary siren sound, connect the Red wire to 12V DC (+) and the White wire to 12V DC (-). To achieve the secondary siren sound, connect the Red wire to 12V DC (+) and the Yellow wire to 12V DC (-). Ensure all connections are secure and insulated.



Figure 4: Rear view showing wiring connections (Red, White, Yellow wires).

6. OPERATING INSTRUCTIONS

The Dioche Electronic Alarm Siren Horn is designed to be triggered by a compatible alarm host or security system. Once properly wired and integrated into your security system, the siren will activate automatically when an alarm event occurs.

- **Activation:** The siren activates when it receives a 12V DC signal from your alarm control panel.
- **Alarm Tones:** The siren supports two distinct tones. The tone produced depends on how the yellow wire is connected during installation (refer to Section 5.2 Wiring Instructions). The default connection (Red to +, White to -) produces one tone, while connecting Yellow to - (instead of or in addition to White, depending on your alarm panel's output) produces a different tone.
- **Three-Section Alarm:** Upon activation, the siren will emit a unique three-section alarm sound pattern, designed to be easily recognizable and help pinpoint the location of an intrusion.

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Video 1: Demonstration of the 150dB Electronic Alarm Siren Horn in operation.

7. MAINTENANCE

The Dioche Electronic Alarm Siren Horn is designed for minimal maintenance. Follow these guidelines to ensure optimal performance:

- **Cleaning:** Periodically wipe the exterior of the siren with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly check the siren for any visible damage, loose connections, or obstructions. Ensure the mounting is still secure.
- **Testing:** Test your security system, including the siren, periodically to ensure it is functioning correctly. Refer to your alarm system's manual for testing procedures.

8. TROUBLESHOOTING

If you encounter issues with your siren, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Siren does not sound	No power supply Incorrect wiring Faulty alarm panel output	Check 12V DC power connection. Verify wiring according to Section 5.2. Test alarm panel output with a multimeter.
Siren sound is weak or distorted	Insufficient power Obstruction in front of siren Damaged speaker	Ensure stable 12V DC power supply. Clear any objects blocking the siren's output. Contact customer support if speaker is damaged.
Cannot change siren tone	Incorrect yellow wire connection Alarm panel does not support dual tone output	Review Section 5.2 for yellow wire connection. Consult your alarm panel's manual for tone output capabilities.

9. WARRANTY INFORMATION

This Dioche product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the documentation provided at the time of purchase or contact Dioche customer support.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Dioche Electronic Alarm Siren Horn, please contact our customer support team. For the most up-to-date contact information, please visit the official Dioche website or refer to your purchase documentation.

Online Support: Visit the Dioche brand store on Amazon: [Dioche Store](#)