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Dioche Diochezvpqnkhcex-12

Dioche 8-inch Electric Bell User Manual

Model: Diochezvpqnkhcex-12

1. Introduction

Thank you for choosing the Dioche 8-inch Electric Bell. This multifunctional alarm bell is designed for reliable and loud signaling in various environments such as factories, institutions, and schools. This manual provides essential information for the safe and effective installation, operation, and maintenance of your electric bell. Please read this manual thoroughly before use and retain it for future reference.



Figure 1.1: Front view of the Dioche 8-inch Electric Bell, showcasing its chrome-plated bell and grey control housing.

2. Safety Instructions

To ensure safe operation and prevent damage, please observe the following safety precautions:

- **Electrical Hazard:** This device operates on 220V AC. Installation and wiring must be performed by a qualified electrician in accordance with local electrical codes and regulations.
- **Disconnect Power:** Always disconnect power to the circuit before installing, servicing, or cleaning the bell.
- **Sound Level:** The bell produces a sound level of 100 dB. Prolonged exposure to high sound levels can cause hearing damage. Use appropriate hearing protection if working near the bell during operation.
- **Mounting:** Ensure the mounting surface is strong enough to support the weight of the bell (approximately 1.11 kg) and that it is securely fastened to prevent accidental detachment.

- **Indoor Use Only:** This product is designed for indoor use. Do not expose it to moisture, rain, or extreme temperatures.
- **Non-sparking Design:** While designed to be non-sparking, always exercise caution when dealing with electrical connections.

3. Package Contents

Upon opening the package, verify that all components are present and undamaged.

- 1 x Dioche 8-inch Electric Bell (Model: Diochezvpqnkhcex-12)

Note: Mounting hardware and wiring are not included and must be sourced separately.

4. Product Features

- **Non-Sparking Design:** Engineered for safety and durability, providing reliable operation.
- **Loud and Clear Sound:** Produces a powerful 100 dB sound for effective signaling over long distances.
- **Wide Application:** Ideal for use in factories, schools, public institutions, and other large facilities requiring a robust alarm system.
- **Durable Construction:** Built to withstand demanding environments.
- **Wall-Mountable:** Designed for easy and secure installation on walls.



Figure 4.1: Key features of the Dioche Electric Bell, highlighting its loud sound, non-sparking operation, and suitability for various large-scale applications.



Figure 4.2: Illustrative examples of typical installation environments, including a shopping mall, residential buildings, and a school, demonstrating the bell's versatility.

5. Specifications

Attribute	Value
Brand	Dioche
Model Number	Diochezvpqnkhcex-12
UPC	738583535281

Attribute	Value
Voltage	220 Volts
Sound Level	100 dB
Control Method	External Trigger (Switch-compatible)
Mounting Type	Wall Mount
Product Size	8 inches (diameter)
Weight	1.11 Kilograms
Batteries Required?	No

6. Setup and Installation

Important: Installation must be performed by a qualified electrician. Ensure power is disconnected before beginning any wiring or mounting procedures.

6.1. Choosing a Location

Select a wall-mounted location that is:

- Within reach of the 220V power source.
- Clear of obstructions that might muffle the sound.
- On a sturdy surface capable of supporting the bell's weight.
- Protected from moisture and direct sunlight.

6.2. Mounting the Bell

1. Mark the desired mounting points on the wall using the bell's mounting bracket as a template.
2. Drill appropriate holes for your chosen mounting hardware (screws, anchors, etc. - not included).
3. Securely fasten the bell's housing to the wall. Ensure it is level and firmly attached.



Figure 6.1: Rear view of the electric bell, illustrating the mounting bracket and points for secure wall installation.

6.3. Electrical Connection

The bell requires a 220V AC power supply. It is designed to be triggered by an external switch (not included).

1. Ensure the main power supply to the circuit is OFF at the breaker.
2. Locate the two red wires extending from the bell's control housing. These are the power input wires.
3. Connect these wires to your 220V AC power source, typically through a dedicated switch or alarm circuit. Ensure proper polarity if specified by your electrical system (though AC typically does not have strict polarity for simple loads).
4. Use appropriate wire connectors and ensure all connections are secure and insulated.
5. Once wiring is complete, carefully close the bell's housing.



Figure 6.2: Top-down view of the bell's control housing, showing the internal mechanism and the red power input wires.



Figure 6.3: Detailed view of the red power wires, ready for connection to the 220V AC power source.

7. Operating Instructions

The Dioche Electric Bell operates as a signaling device. Once properly installed and wired to a 220V AC power source via an external switch:

1. Ensure all safety precautions have been followed and the installation is complete.
2. Turn on the main power supply to the circuit.
3. Activate the external switch connected to the bell. The bell will ring continuously as long as the switch is in the "ON" position.
4. To stop the bell from ringing, deactivate the external switch (turn it "OFF").

The bell is designed for intermittent or continuous signaling as required by your application.

8. Maintenance

The Dioche Electric Bell is designed for low maintenance.

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the wiring and mounting for any signs of wear, damage, or loosening. Address any issues promptly.
- **Spare Parts:** Information regarding the availability of spare parts for this model is currently unavailable.

9. Troubleshooting

If the electric bell is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Bell does not ring.	No power supply. Faulty wiring connection. External switch is off or faulty.	Check if the circuit breaker is on. Verify all electrical connections are secure (ensure power is off before checking). Test the external switch.
Sound is weak or intermittent.	Loose internal components. Insufficient voltage (unlikely for 220V, but possible).	Contact a qualified technician for inspection. Ensure the power supply is stable 220V AC.
Bell makes unusual noises.	Internal mechanical issue.	Disconnect power immediately and contact a qualified technician. Do not attempt to repair yourself.

If the problem persists after attempting these solutions, please contact customer support.

10. Warranty and Support

Specific warranty information for the Dioche 8-inch Electric Bell is not provided in the product details. For warranty claims or technical support, please contact the seller or manufacturer directly.
You can visit the official Dioche store for more products and information:Dioche Brand Store

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Manual Version: 1.0

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