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Trine 275

Instruction Manual

TRINE #275 SONNERIE/VIBREUR BELL

Model: 275

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Trine #275 Sonnerie/Vibreur Bell. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The Trine #275 is a low voltage, general purpose door bell designed for various applications, including homes, apartment buildings, and commercial settings. It features a fully enclosed design and a satin aluminum finish.

2. Safety Information

- **Electrical Safety:** Always disconnect power at the circuit breaker before installing or servicing the bell. Work with low voltage wiring only.
- **Installation:** Ensure all wiring connections are secure and comply with local electrical codes.
- **Voltage Compatibility:** This bell operates on 3-8 VDC or 6-8 VAC. Using incorrect voltage may damage the unit.
- **Indoor Use Only:** This product is designed for indoor use in dry locations.

3. Package Contents

- Trine #275 Sonnerie/Vibreur Bell Unit
- Mounting Hardware (screws, anchors)
- Instruction Manual (this document)

4. Product Overview

The Trine #275 bell is a compact and durable unit. Its fully enclosed design protects internal components, while the satin aluminum finish provides a clean aesthetic.



Figure 4.1: Front view of the Trine #275 Sonnerie/Vibreur Bell. This image displays the bell's exterior, highlighting its satin aluminum finish and the distinctive chevron-like grooves on the cover.



Figure 4.2: Rear view of the Trine #275 Sonnerie/Vibreur Bell. This image shows the back of the unit, revealing the internal components, wiring terminals (red blocks), and mounting brackets necessary for installation.

5. Setup and Installation

Follow these steps for proper installation of your Trine #275 bell:

1. **Prepare the Installation Area:** Choose a suitable indoor location near your existing doorbell wiring. Ensure the surface is clean and flat.
2. **Disconnect Power:** IMPORTANT! Turn off the power to your doorbell circuit at the main electrical panel or circuit breaker before proceeding. Verify power is off using a voltage tester.
3. **Mount the Bell:**
 - Position the bell unit against the wall at the desired mounting height.
 - Mark the locations for the mounting screws through the designated holes on the back of the bell (refer to Figure 4.2).
 - Drill pilot holes if necessary, and insert wall anchors if mounting into drywall.
 - Secure the bell to the wall using appropriate screws.
4. **Wire the Bell:**

- Connect the low voltage wires from your doorbell transformer (3-8 VDC or 6-8 VAC) to the terminals on the back of the Trine #275 bell. The bell is non-polarized, so either wire can connect to either terminal.
 - Ensure all connections are tight and secure.
 - If replacing an existing bell, ensure the old wiring is properly disconnected and insulated before connecting the new unit.
5. **Restore Power:** Once wiring is complete and secure, restore power to the doorbell circuit at the main electrical panel.

6. Operating Instructions

The Trine #275 Sonnerie/Vibreur Bell operates automatically when activated by a compatible doorbell button or switch connected to the same low voltage circuit.

- **Activation:** Pressing the doorbell button will complete the circuit, causing the bell to vibrate and produce a buzzing sound.
- **Duration:** The bell will sound for as long as the doorbell button is pressed.
- **Sound:** This unit produces a distinct buzzing sound, characteristic of a vibrator bell. It is not a melodic chime.

7. Maintenance

The Trine #275 bell requires minimal maintenance.

- **Cleaning:** Periodically wipe the exterior of the bell with a soft, dry cloth to remove dust and dirt. Do not use abrasive cleaners or solvents.
- **Inspection:** Occasionally inspect the wiring connections to ensure they remain secure.
- **No User-Serviceable Parts:** The internal mechanism is fully enclosed and not designed for user adjustment or repair. Do not attempt to disassemble the unit.

8. Troubleshooting

Problem	Possible Cause	Solution
Bell does not sound.	No power to the circuit.	Check circuit breaker. Ensure power is on.
Bell does not sound.	Loose or incorrect wiring.	Verify all wiring connections are secure and correct (refer to Section 5).
Bell does not sound.	Faulty doorbell button.	Test the doorbell button. Replace if necessary.
Bell does not sound.	Transformer issue.	Check the doorbell transformer for proper voltage output. Replace if faulty.
Bell sounds continuously.	Stuck doorbell button or short circuit in wiring.	Inspect doorbell button for sticking. Check wiring for any shorts.

9. Specifications

Model Number	275
Brand	Trine
Voltage (DC)	3-8 VDC
Voltage (AC)	6-8 VAC
Finish	Satin Aluminum
Item Weight	12 ounces
Enclosure	Fully Enclosed

10. Warranty and Support

For warranty information or technical support, please contact Trine customer service. Refer to the product packaging or the official Trine website for current contact details.

Note: Protection plans mentioned on retail sites are separate from the manufacturer's warranty.