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SCS Sentinel Carillon filaire électromécanique 230V

SCS Sentinel MecaBell KIT TRANSFO Wired Electromechanical Chime 230V Instruction Manual

Model: Carillon filaire électromécanique 230V

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your SCS Sentinel MecaBell KIT TRANSFO Wired Electromechanical Chime 230V. Please read this manual carefully before installation and use to ensure proper function and safety. This product is designed to provide a reliable and clear doorbell sound for your home or office.

2. Product Overview

The SCS Sentinel MecaBell KIT TRANSFO is a wired electromechanical chime system designed for a 230V power supply. It features a classic "Ding-Dong" sound and a compact, discreet design suitable for various interior styles.

2.1 Components

The KIT TRANSFO typically includes the following components:

- Electromechanical Chime Unit (230V)
- Doorbell Push Button (for outdoor use)
- Transformer (230V AC input, low-voltage output for button circuit)
- Mounting Screws and Wall Plugs
- Instruction Manual

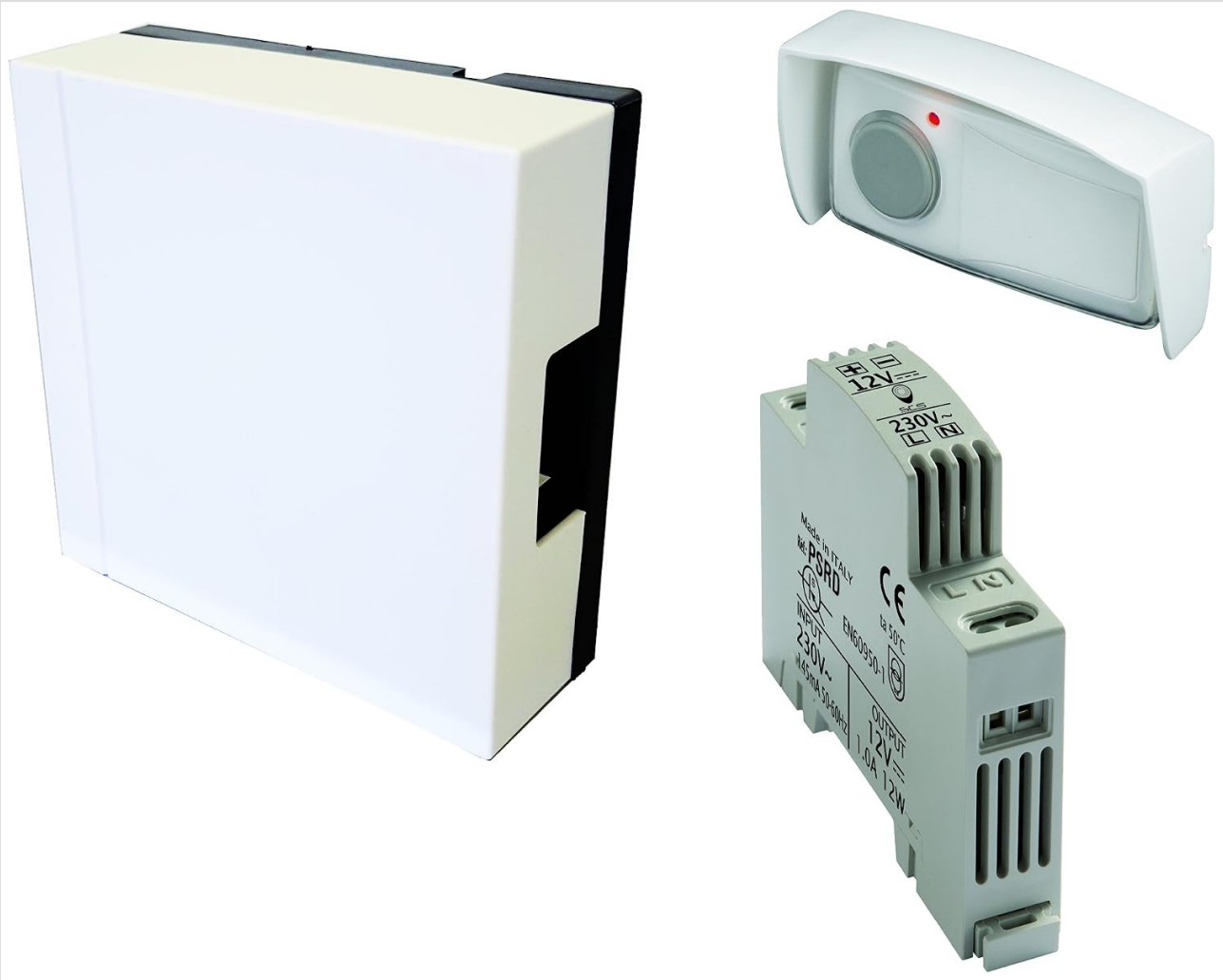

Image 1: SCS Sentinel MecaBell Wired Chime System Components

This image displays the main chime unit, a doorbell button, and a transformer, indicating the complete wired system.



Image 2: SCS Sentinel MecaBell KIT TRANSFO Product Packaging

This image shows the retail packaging for the SCS Sentinel MecaBell KIT TRANSFO, highlighting key features and branding.

3. Setup and Installation

Installation of the SCS Sentinel MecaBell chime system requires electrical wiring. Ensure all power is disconnected at the main circuit breaker before beginning installation.

3.1 Safety Precautions

- Always disconnect the main power supply before installing or servicing electrical devices.
- If you are unsure about electrical wiring, consult a qualified electrician.
- Ensure the chime unit and transformer are installed in a dry location, protected from moisture. The doorbell button is designed for outdoor use.

3.2 Mounting the Chime Unit and Button

1. Choose a suitable indoor location for the chime unit, typically near the entrance or in a central area of the home.
2. Mark the positions for the mounting screws on the wall using the chime unit as a template.
3. Drill holes at the marked positions and insert the wall plugs.
4. Secure the chime unit to the wall using the provided screws.
5. Mount the doorbell push button at your desired outdoor entrance location, ensuring it is accessible and protected from direct heavy rain if possible.
6. Install the transformer in an accessible, dry location, typically near your electrical panel or the chime unit.

3.3 Wiring Instructions

The installation involves connecting the chime, transformer, and doorbell button. Ensure all power is disconnected before wiring.

1. **Transformer Connection:** Connect the 230V AC mains power supply (Live and Neutral) to the input terminals of the transformer.
2. **Button Connection:** Connect the low-voltage output from the transformer to the doorbell push button.
3. **Chime Connection:** Connect the doorbell push button to the chime unit. The button acts as a switch, completing the 230V circuit to activate the electromechanical chime when pressed. Refer to the wiring diagram in your physical manual for precise terminal connections. Typically, the 230V phase wire goes to one terminal of the chime, and the switched phase from the button goes to the other, with neutral directly to the chime.
4. Once all connections are secure, restore power to the circuit.

Important: Incorrect wiring can damage the unit or pose a safety hazard. Always ensure connections are correct and secure. If unsure, consult a qualified electrician.

4. Operating Instructions

The SCS Sentinel MecaBell chime is designed for simple operation, producing a classic "Ding-Dong" sound.

1. Once installed and powered, the chime is ready for use.
2. Press the external doorbell button. The chime unit will produce its characteristic "Ding-Dong" sound.

Caution: Avoid holding the doorbell button for extended periods. Prolonged activation can cause overheating and potential damage to the chime's internal components. The chime is designed for momentary activation.

5. Maintenance

The SCS Sentinel MecaBell chime system requires minimal maintenance.

- Periodically clean the exterior of the chime unit and doorbell button with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the chime unit remains free from dust and debris to prevent obstruction of moving parts.
- Check wiring connections annually to ensure they are secure and free from corrosion. Disconnect power before inspection.

6. Troubleshooting

Problem	Possible Cause	Solution
Chime does not sound.	No power supply to transformer or chime. Incorrect wiring. Faulty doorbell button. Internal component failure.	Check circuit breaker and power connections to the transformer and chime. Verify all wiring connections (transformer, button, chime). Test doorbell button for functionality. Contact customer support if issues persist.
Sound is weak or distorted.	Low voltage supply. Obstruction of internal mechanism. Unit damage.	Ensure stable 230V supply to the transformer. Inspect for debris inside the chime (with power off). Contact customer support.
Chime overheats or buzzes continuously.	Doorbell button held too long. Short circuit in wiring.	Ensure momentary press of doorbell button. Immediately disconnect power and inspect wiring for shorts.

7. Specifications

- **Brand:** SCS Sentinel
- **Model:** Carillon filaire électromécanique 230V
- **Power Source:** Wired, 230V AC
- **Product Dimensions (Chime Unit):** Approximately 3.9 x 11.4 x 11.4 cm
- **Item Weight:** Approximately 300 g
- **Color:** Silver
- **Style:** MecaBell
- **Mounting Type:** Wall Mount
- **Certification:** CE
- **Components Included:** Chime Unit, Doorbell Button, Transformer (as part of KIT TRANSFO)

8. Warranty and Support

SCS Sentinel products are designed for reliability and quality. This product typically comes with a two-year warranty from the date of purchase, covering manufacturing defects.
For technical assistance, warranty claims, or further information, please visit the official SCS Sentinel website or contact their customer support. You can find more information at scs-laboutique.com.
Please retain your proof of purchase for warranty purposes.

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