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**SCS Sentinel PAF0004**

# SCS Sentinel AudioBell Magnet 2-Wire Audio Intercom System Manual

Model: PAF0004

## 1. Introduction

The SCS Sentinel AudioBell Magnet is a 2-wire audio intercom system designed to enhance security and control access to your home or building. This system allows for clear audio communication between an indoor handset and an outdoor call station, providing a reliable solution for managing visitors.
This manual provides detailed instructions for the installation, operation, and maintenance of your AudioBell Magnet intercom system.

## 2. Package Contents

Before beginning installation, please verify that all components are present in the package:

- 1 x Audio Handset (Indoor Unit) with Magnetic Mount
- 1 x Outdoor Call Station (Push Button Unit) with Zinc Alloy Facade
- 1 x Power Supply Unit
- 1 x Installation Template
- 1 x User Manual




**Figure 1:** Product packaging showing the SCS Sentinel AudioBell Magnet intercom system components.

## 3. Product Overview

The AudioBell Magnet system consists of two main units:

### 3.1. Indoor Handset

The indoor handset features a magnetic mount for easy placement and removal. It provides clear audio communication and includes an intuitive button for opening an electric strike or gate.

### 3.2. Outdoor Call Station

The outdoor call station is constructed with a durable zinc alloy facade, designed for surface mounting. It includes a push button for visitors to initiate a call and a backlit nameplate for visibility in low light conditions.



**Figure 2:** The SCS Sentinel AudioBell Magnet intercom system, showing the indoor handset and outdoor call station.



**Figure 3:** A close-up view of the outdoor call station, highlighting the call button and nameplate.



**Figure 4:** The indoor handset discreetly installed on a wall in a contemporary living space.

## 4. Installation

The AudioBell Magnet intercom system is designed for straightforward 2-wire surface-mount installation. It is recommended to consult a qualified electrician for complex wiring or if you are unsure about any steps.

### 4.1. Safety Precautions

- Ensure the main power supply is disconnected before starting any wiring work.
- Follow all local electrical codes and regulations.
- Do not expose the units to excessive moisture or extreme temperatures.

### 4.2. Mounting the Outdoor Call Station

1. Choose a suitable location near your entrance, at a height accessible to all users.
2. Use the provided installation template to mark the drilling points on the wall.
3. Drill the necessary holes and insert wall plugs if required.
4. Secure the outdoor call station to the wall using appropriate screws.

### 4.3. Mounting the Indoor Handset

1. Select a convenient indoor location, typically near the main entrance or in a central area.
2. Use the installation template to mark the mounting points for the magnetic base.
3. Secure the magnetic base to the wall.

4. The handset will attach magnetically to the base.

### 4.4. Wiring Connections

The system operates on a 2-wire connection. Connect the outdoor call station to the indoor handset using two wires. Connect the power supply unit to the indoor handset as per the wiring diagram in the full user manual (not provided here). Ensure all connections are secure and correctly polarized.
The maximum recommended connection distance is 100 meters.

## 5. Operation

### 5.1. Receiving a Call

When a visitor presses the call button on the outdoor call station, the indoor handset will ring with one of the 12 available melodies. Lift the handset to establish audio communication with the visitor.

### 5.2. Opening a Door or Gate

During a conversation, press the dedicated button on the indoor handset to activate an electric door strike or gate opener (if connected). This allows you to grant access remotely.

### 5.3. Backlit Nameplate

The outdoor call station features a retro-illuminated nameplate, ensuring clear visibility of the name or number even in low light conditions.

## 6. Maintenance

To ensure optimal performance and longevity of your SCS Sentinel AudioBell Magnet intercom system, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the indoor and outdoor units with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Outdoor Unit:** Periodically check the outdoor call station for any debris or obstructions around the speaker, microphone, or call button.
- **Connections:** Ensure all wiring connections remain secure. If you notice any loose wires, disconnect power before re-securing them.
- **Power Supply:** Ensure the power supply unit is kept in a dry, well-ventilated area.

## 7. Troubleshooting

If you encounter issues with your intercom system, refer to the following common problems and solutions:

- **No Audio:** Check all wiring connections between the indoor and outdoor units, and ensure the power supply is correctly connected and functioning.
- **No Ringing:** Verify the outdoor call button is not stuck and that the wiring to the indoor unit is intact.
- **Door/Gate Not Opening:** Ensure the electric strike or gate opener is correctly wired to the indoor handset and that it is receiving power. Check the functionality of the door/gate mechanism independently.
- **Backlight Not Working:** Check the power supply and wiring to the outdoor unit.
- **Interference/Poor Audio Quality:** Ensure wiring is not running parallel to high-voltage cables. Check for loose connections.

If problems persist after attempting these solutions, please contact customer support.

## 8. Specifications

| | |
|---|---|
| **Model Number** | PAF0004 (Internal ID: 3760074132928) |
| **Number of Wires** | 2 wires |
| **Installation Type** | Surface mount |
| **Door Opening Function** | Yes |
| **Gate Opening Function** | Yes |
| **Technology Type** | Audio |
| **Remote Control** | No (Remote opening via handset button) |
| **Max. Connection Distance** | 100 meters |
| **Melodies** | 12 |
| **Product Dimensions (L x W x H)** | 4.86 x 2 x 17.5 cm |
| **Weight** | 800 grams |
| **Manufacturer** | SCS Sentinel |
| **Country of Origin** | China |

## 9. Warranty and Support

SCS Sentinel guarantees the reliability of its technical products. Your satisfaction is a priority. For any assistance with installation or operation, technical support is available.
For further information or support, please visit the official SCS Sentinel website:scs-laboutique.com


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