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SCS Sentinel AudioKit 3208D

SCS Sentinel AudioKit 3208D 2-Wire Audio Intercom System User Manual

Model: AudioKit 3208D (SEN4137091)

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your SCS Sentinel AudioKit 3208D 2-Wire Audio Intercom System. This system is designed for single-dwelling residences, offering secure audio communication and door release functionality. Please read this manual carefully before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- Ensure all electrical connections are made by a qualified electrician and comply with local electrical codes.
- Disconnect power before performing any installation or maintenance.
- Do not expose the outdoor panel to direct water jets or immerse it in water.
- Keep the indoor handset away from moisture and extreme temperatures.
- Use only specified power sources and components.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Indoor Audio Handset
- 1 x Outdoor Flush-Mounted Aluminum Panel
- Mounting Screws and Hardware
- User Manual (this document)



Image 3.1: Product packaging for the SCS Sentinel AudioKit 3208D, showing the indoor handset and outdoor panel on the box design.

4. PRODUCT OVERVIEW

The SCS Sentinel AudioKit 3208D consists of two main components:

4.1. Indoor Audio Handset

This unit allows you to communicate with visitors at your door and release the electric door strike or lock. It features a traditional telephone-style handset for clear audio and a dedicated button for door release.

4.2. Outdoor Flush-Mounted Aluminum Panel

Installed at your entrance, this robust aluminum panel includes a call button, a microphone, a speaker, and a backlit nameplate for visitor identification. It is designed for flush installation into a wall or pillar.



Image 4.1: The SCS Sentinel AudioKit 3208D system, showing the white indoor audio handset on the left and the silver flush-mounted outdoor panel on the right.

5. INSTALLATION

The AudioKit 3208D uses a 2-wire connection system for simplified installation. Ensure all wiring is correctly connected before applying power.

5.1. Wiring Diagram (General)

Connect the two wires from the outdoor panel to the corresponding terminals on the indoor handset. The system includes an integrated transformer within the indoor handset. Ensure the maximum connection distance of 50 meters is not exceeded for optimal performance.

5.2. Outdoor Panel Installation

The outdoor panel is designed for flush mounting. Prepare an opening in the wall or pillar according to the flush-mount box dimensions (165 x 100 x 42 mm). Secure the flush-mount box, then connect the wiring and finally secure the aluminum outdoor panel (116 x 198 x 55 mm) into the box.



Image 5.1: The SCS Sentinel AudioKit 3208D outdoor panel, flush-mounted on a white wall next to a dark gate, demonstrating its discreet installation.

5.3. Indoor Handset Installation

Mount the indoor handset (98 x 214 x 40 mm) on an interior wall at a convenient height. Connect the 2-wire cable from the outdoor panel to the designated terminals on the back of the handset. Ensure the handset is securely fastened to the wall using the provided screws.





Image 5.2: Rear view of the SCS Sentinel AudioKit 3208D indoor handset, showing the mounting points and cable connections for installation.

5.4. Power Connection

The indoor handset has an integrated transformer. Connect the handset to a standard electrical outlet. Once connected, the system will be powered and ready for use.

6. OPERATION

6.1. Receiving a Call

When a visitor presses the call button on the outdoor panel, the indoor handset will ring. Lift the handset to establish two-way audio communication with the visitor.



Image 6.1: A person's hand pressing the door release button on the SCS Sentinel AudioKit 3208D indoor handset while holding the receiver to their ear.

6.2. Opening the Door

During a call, press the dedicated door release button on the indoor handset to activate the electric door strike or lock, allowing the visitor entry. This system supports electric strike and electric lock opening.

6.3. Adjusting Ringer Volume

The indoor handset offers 2 levels of ringer volume adjustment. Refer to the specific controls on your handset to select the desired volume level.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the indoor handset and outdoor panel. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the wiring connections for any signs of wear or damage. Ensure the outdoor panel is free from debris that might obstruct the microphone or speaker.

- **Nameplate:** The outdoor panel features a backlit nameplate. Replace the name card as needed.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from indoor handset.	Loose wiring connection. Power issue.	Check all 2-wire connections. Ensure the indoor handset is properly powered.
Outdoor panel not ringing indoor handset.	Call button malfunction. Wiring issue.	Inspect the call button for damage. Verify wiring between outdoor panel and indoor handset.
Door release not working.	Incorrect wiring to electric strike/lock. Power issue to strike/lock.	Check wiring to the electric strike/lock. Ensure the strike/lock receives power when the button is pressed.
Poor audio quality.	Loose connections. Interference. Exceeded maximum distance.	Verify all wiring connections. Ensure wiring is not near sources of electrical interference. Confirm wiring distance is within 50 meters.

9. SPECIFICATIONS

Feature	Specification
Model Number	SEN4137091
Number of Wires	2 wires
Installation Type	Flush-mounted (Outdoor Panel)
Door Opening Function	Yes (Electric strike/lock)
Gate Opening Function	No
Remote Control (for door release)	Yes
Technology Type	Audio
Screen Size	0 inches (Audio only)
Outdoor Panel Flush-mount Box Dimensions (LxWxH)	165 x 100 x 42 mm
Outdoor Panel Dimensions	116 x 198 x 55 mm
Indoor Handset Dimensions	98 x 214 x 40 mm
Dry Contact Output	No
Powered Contact Output	Yes

Feature	Specification
Maximum Connection Distance	50 meters
Backlit Nameplate	Yes
Ringer Volume Adjustment	2 levels
Sound Volume Adjustment	No
Number of Melodies	1
Color	White/Grey
Material	Plastic (Handset), Aluminum (Outdoor Panel Facade)
Country of Origin	China

10. WARRANTY AND SUPPORT

SCS Sentinel guarantees the reliability of its products. The AudioKit 3208D comes with a **2-year warranty**.



Image 10.1: An icon indicating a 2-year warranty, represented by the number '2' within a circular ribbon. For technical assistance, installation support, or any product-related inquiries, please contact SCS Sentinel customer service. Our technical support team is available to provide expert and personalized advice. Contact information can typically be found on the SCS Sentinel official website or on the product packaging.