Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

SCS Sentinel SEN4137398

SCS Sentinel Orion 32068 2-Wire Audio Intercom System User Manual

Model: SEN4137398 - Surface Mount Version

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your SCS Sentinel Orion 32068 2-wire audio intercom system. This system is designed for single-dwelling use and features a surface-mounted outdoor unit and an indoor audio handset. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

- **Electrical Safety:** Installation must be performed by a qualified electrician or competent person in accordance with local electrical codes and regulations. Always disconnect power before performing any wiring or maintenance.
- **Voltage:** Ensure the power supply matches the system requirements (220V AC for the indoor unit).
- **Wiring:** Use appropriate gauge wiring for the distance and load. Incorrect wiring can damage the unit or pose a fire hazard.
- **Environment:** The outdoor unit is designed to be weather-resistant, but avoid direct exposure to extreme conditions if possible. The indoor unit is for indoor use only.
- **Children:** Keep packaging materials and small components away from children.

3. Package Contents

Verify that all components are present before beginning installation:

- 1 x Audio Handset (Indoor Unit)
- 1 x Aluminum Outdoor Unit (Surface Mount)
- 1 x User Manual (this document)
- Mounting hardware (screws, wall plugs)



Image 3.1: Overview of the SCS Sentinel Orion 32068 2-Wire Audio Intercom System, showing both the indoor handset and the outdoor surface-mount unit.

4. Installation

The SCS Sentinel Orion 32068 system utilizes a 2-wire connection for simplified installation. Follow these steps carefully.

4.1. Planning the Installation

- **Location:** Choose suitable locations for both the indoor and outdoor units. The outdoor unit should be easily accessible to visitors and protected from direct heavy rain if possible. The indoor unit should be placed where it is convenient to answer calls.
- **Wiring Path:** Plan the shortest and most protected path for the 2-wire cable between the indoor and outdoor units.
- **Power Supply:** The indoor unit requires a 220V AC power supply. Ensure an accessible power outlet or junction box is available.

4.2. Outdoor Unit Installation

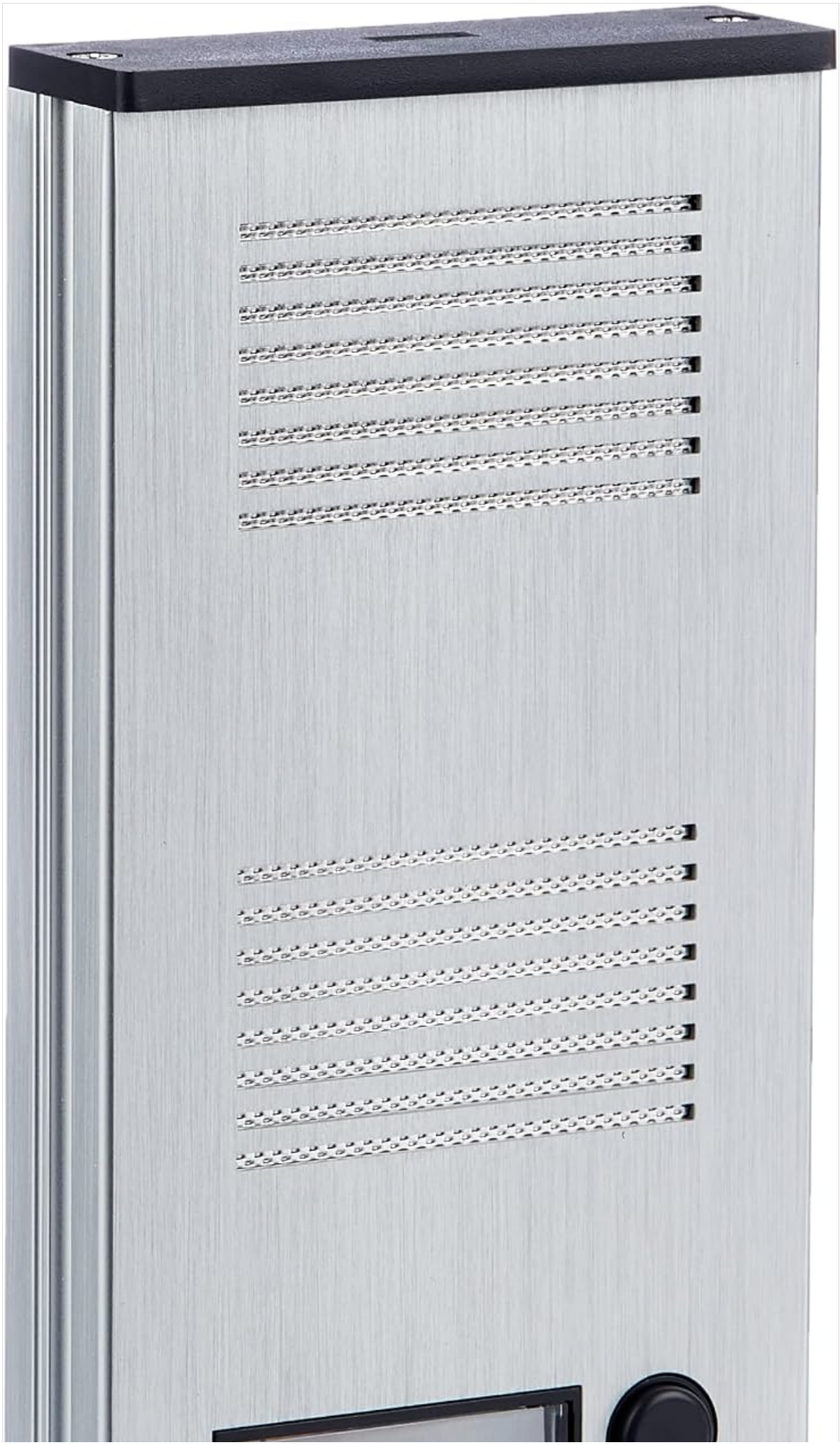




Image 4.1: Close-up view of the SCS Sentinel Orion 32068 outdoor unit, featuring the speaker, microphone, illuminated nameplate, and call button.

1. **Mounting:** Secure the outdoor unit to a flat, vertical surface using the provided screws and wall plugs. Ensure it is mounted at an appropriate height for visitors.
2. **Wiring:** Connect the two wires from the indoor unit to the designated terminals on the outdoor unit. Refer to the wiring diagram provided with the unit for specific terminal identification.
3. **Nameplate:** Open the nameplate cover and insert your name or house number. The nameplate is backlit for visibility in low light conditions.

4.3. Indoor Unit Installation





Image 4.2: Rear view of the SCS Sentinel Orion 32068 indoor unit, showing the mounting plate and wiring terminals.

1. **Mounting:** Attach the mounting bracket of the indoor unit to an interior wall using screws.
2. **Wiring:** Connect the two wires from the outdoor unit to the corresponding terminals on the indoor unit. Also, connect the 220V AC power supply to the designated power input terminals.
3. **Handset Placement:** Secure the indoor handset onto its base.

4.4. Door Release Wiring (Optional)

The indoor unit includes a button to open an electric strike or lock. The system provides a 12V DC output for this function.

- **Compatibility:** Ensure your electric strike or lock is compatible with a 12V DC signal. Many older gate locks operate on AC power. If your lock requires AC, a relay will be necessary to convert the DC signal from the intercom to an AC signal for the lock. Consult a qualified electrician for this modification.
- **Connection:** Connect the electric strike/lock to the designated terminals on the indoor unit.

5. Operating Instructions





Image 5.1: The SCS Sentinel Orion 32068 indoor audio handset, showing the receiver and the door release button.

1. **Receiving a Call:** When a visitor presses the call button on the outdoor unit, the indoor handset will ring. Lift the handset to establish two-way audio communication.
2. **Speaking to Visitor:** Speak clearly into the handset. The visitor will hear you through the outdoor unit's speaker, and you will hear them through the handset's earpiece.
3. **Opening the Door/Gate:** During a call, press the dedicated door release button on the indoor handset to activate the connected electric strike or lock.

4. **Ending the Call:** Replace the handset on its base to end the conversation.

6. Maintenance

- **Cleaning:** Clean the indoor and outdoor units with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the wiring connections for any signs of wear or damage. Ensure the outdoor unit's nameplate is clean and legible.
- **No User Serviceable Parts:** Do not attempt to open or repair the units yourself. Refer all servicing to qualified personnel.

7. Troubleshooting

Problem	Possible Cause	Solution
No power to indoor unit	Power supply disconnected; faulty wiring.	Check power connection; verify wiring.
No audio (indoor/outdoor)	Loose wiring; damaged unit.	Check 2-wire connections; contact support if issue persists.
Door/gate does not open	Incorrect wiring to electric lock; incompatible lock type (AC vs DC); faulty lock.	Verify lock wiring and compatibility (12V DC output from intercom); test lock independently. If AC lock, install a relay.
Outdoor unit nameplate not illuminated	No power to unit; LED failure.	Check power; contact support.

8. Specifications

- **Brand:** SCS Sentinel
- **Model Number:** SEN4137398
- **Type:** 2-Wire Audio Intercom System
- **Outdoor Unit Mounting:** Surface Mount
- **Material:** Plastic and Aluminum
- **Color:** White/Grey
- **Power Source:** Wired (220V AC for indoor unit)
- **Door Release Output:** 12V DC
- **Weight:** Approximately 1.14 kg
- **Certification:** CE

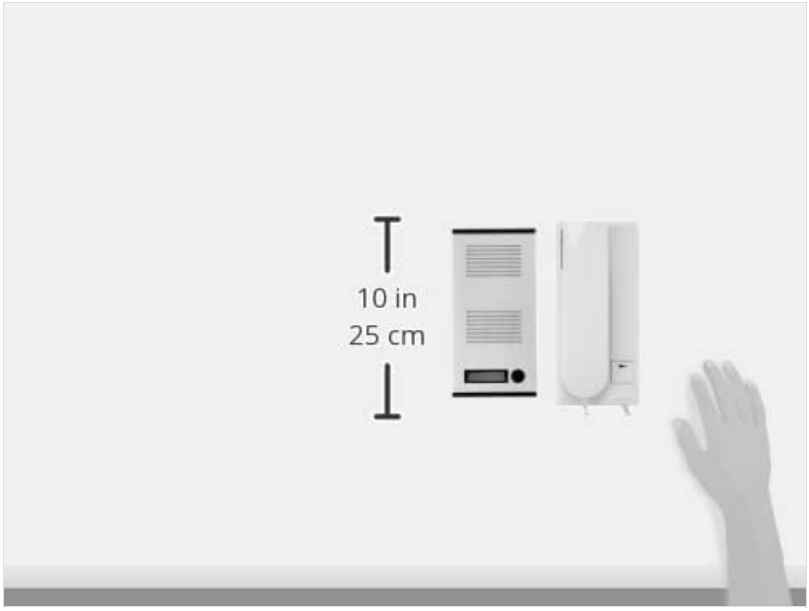


Image 8.1: Illustrative diagram showing the approximate dimensions of the SCS Sentinel Orion 32068 intercom components.

9. Warranty and Support

SCS Sentinel products are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official SCS Sentinel website. For technical assistance, troubleshooting, or to report a defect, please contact SCS Sentinel customer support through their official channels. Keep your proof of purchase for warranty claims.

Online Support: Visit the SCS Sentinel Store on Amazon

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B007K4WTBM

More documents and user manuals: **https://manuals.plus/**