

Axis Communications C1210-E

AXIS C1210-E Network Ceiling Speaker User Manual

Model: C1210-E | Brand: Axis Communications

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the AXIS C1210-E Network Ceiling Speaker. The AXIS C1210-E is an all-in-one speaker system designed for versatile audio applications, including voice announcements, safety instructions, and remote warnings.

Key Features:

- All-in-one speaker system
- Connects to standard network
- Easy installation with just one network cable (PoE)
- Scalable and easy to integrate
- Remote health testing
- Built-in microphone for 2-way audio
- Support for I/O integration
- Preconfigured Digital Signal Processor (DSP) for clear voice
- Built-in LED for visual status information
- Integrated AXIS Audio Manager Edge application

2. SETUP AND INSTALLATION

2.1 Package Contents

Verify that all components are present:

- AXIS C1210-E Network Ceiling Speaker
- Installation Guide (refer to this manual)
- Mounting hardware (if included, check packaging)

2.2 Mounting the Speaker

The AXIS C1210-E is designed for ceiling mounting. Ensure the chosen location provides adequate space and structural support.



Image: Rear view of the AXIS C1210-E speaker showing the mounting enclosure and connection ports. This view illustrates how the speaker integrates into a ceiling.

1. **Prepare the Ceiling Opening:** Cut a circular opening in the ceiling according to the provided template (if applicable, refer to separate mounting template).
2. **Connect Network Cable:** Connect a standard Ethernet cable (Cat5e or higher) to the speaker's network port. This cable provides both data and Power over Ethernet (PoE).
3. **Secure the Speaker:** Insert the speaker into the ceiling opening and secure it using the integrated mounting clamps. Ensure a snug fit.
4. **Attach Grille:** Once secured, attach the front grille to the speaker.

2.3 Network Connection and Power

The AXIS C1210-E connects to your standard network using a single Ethernet cable. It supports Power over Ethernet (PoE), eliminating the need for a separate power supply.

- Connect the Ethernet cable from a PoE-enabled switch or injector to the speaker's RJ45 port.
- The speaker will power on automatically once connected to a PoE source.

2.4 Initial Configuration

Upon first power-up, the speaker will acquire an IP address from your network's DHCP server. Use Axis IP Utility or your network management tools to discover the device and access its web interface for detailed configuration.

- **Web Interface Access:** Open a web browser and enter the speaker's IP address.
- **Login:** Use the default administrator credentials (refer to Axis documentation for default username/password).
- **System Integration:** Configure integration with your Video Management Software (VMS), Voice over IP (VoIP) telephony (SIP), or other analytics platforms as required.

3. OPERATION

3.1 Audio Announcements and Messaging

The AXIS C1210-E can deliver live or prerecorded voice messages for various purposes, including general information, safety instructions, and security warnings.

- **Live Announcements:** Utilize integrated VMS or SIP-based telephony systems to broadcast live voice messages through the speaker.
- **Prerecorded Messages:** Upload and schedule prerecorded audio files for playback via the AXIS Audio Manager Edge application.

3.2 Two-Way Audio Communication

The built-in microphone enables two-way audio communication, allowing for interaction with individuals near the speaker.

- **Talk-Back Functionality:** Initiate conversations from your control system.
- **External Microphone:** An external microphone input is available for situations where the speaker is installed far from the intended audience, allowing for clearer audio capture.

3.3 AXIS Audio Manager Edge

The integrated AXIS Audio Manager Edge application provides comprehensive control over your audio system.

- **Zone Management:** Group speakers into zones for targeted audio delivery.
- **Content Scheduling:** Schedule specific audio content to play at designated times.
- **Content Prioritization:** Configure priority levels for different audio sources (e.g., emergency announcements override background music).

3.4 Visual Status Indicator

A built-in LED provides visual status information, indicating operational status or specific events.

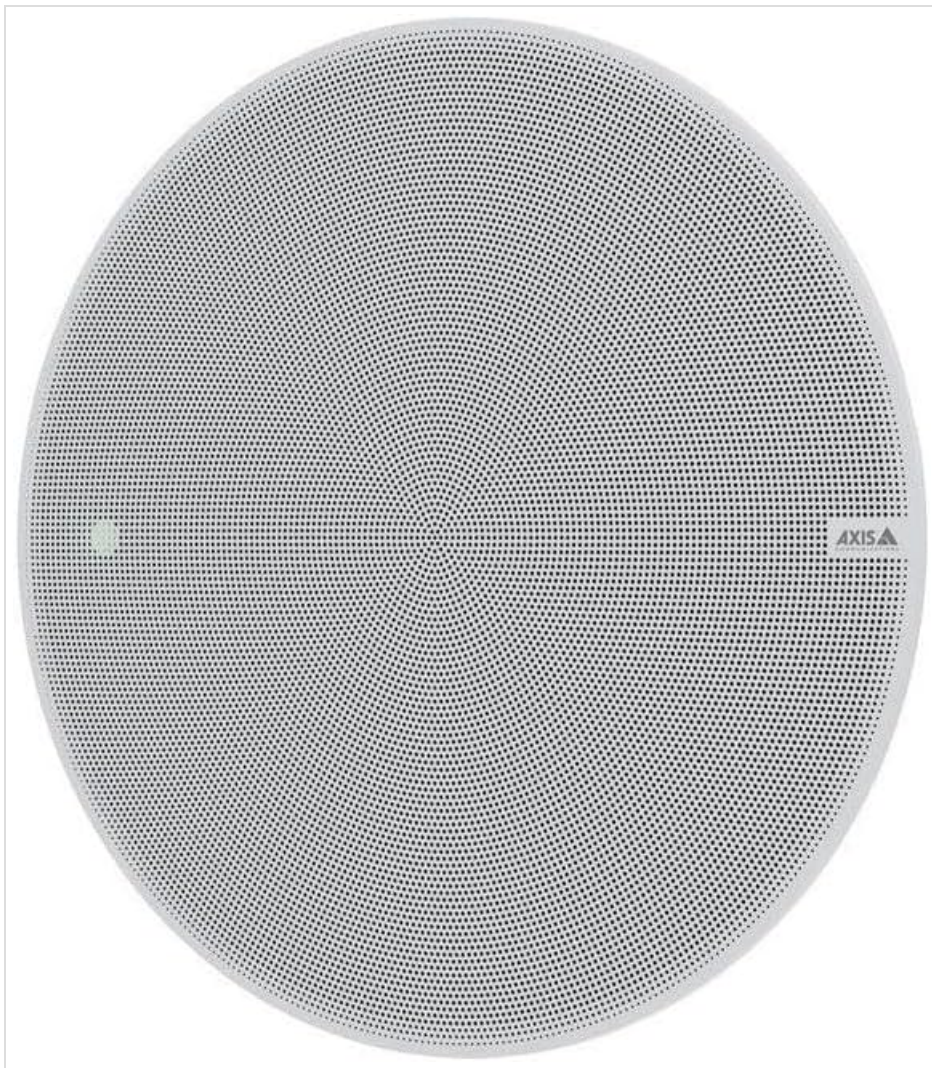


Image: Front view of the AXIS C1210-E speaker, highlighting the discreet LED indicator on the grille. This LED provides visual feedback on the speaker's status.

4. MAINTENANCE

4.1 Remote Health Testing

The AXIS C1210-E supports remote health testing functionality, allowing you to verify the operational status of the speaker without physical inspection.

- Access this feature through the speaker's web interface or integrated management software.
- Regularly perform health tests to ensure continuous system functionality.

4.2 Cleaning

To maintain optimal performance and appearance, periodically clean the speaker.

- Use a soft, dry cloth to wipe the exterior surfaces.
- Avoid abrasive cleaners or solvents, as these can damage the finish.
- Ensure no moisture enters the speaker components.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your AXIS C1210-E speaker.

5.1 No Power/No Network Connection

- **Check PoE Source:** Ensure the Ethernet cable is connected to a PoE-enabled switch or injector that is functioning correctly.
- **Cable Integrity:** Verify the Ethernet cable is not damaged and is securely connected at both ends.
- **Network Status:** Confirm that your network is operational and providing DHCP services if configured.

5.2 No Audio Output

- **Volume Settings:** Check the volume settings in the speaker's web interface or your audio management application.
- **Audio Source:** Ensure the audio source (e.g., VMS, SIP call, scheduled content) is active and correctly configured.
- **Remote Health Test:** Perform a remote health test to diagnose internal speaker component issues.

5.3 Two-Way Audio Issues

- **Microphone Settings:** Verify microphone sensitivity and gain settings in the web interface.
- **External Microphone:** If using an external microphone, ensure it is properly connected and functional.
- **Network Latency:** High network latency can affect two-way audio quality. Check network performance.

5.4 Speaker Not Discoverable on Network

- **Network Connectivity:** Confirm physical network connection and PoE status.
- **IP Address:** Ensure the speaker is receiving an IP address (check DHCP server logs) or has a correctly configured static IP.
- **Firewall:** Check for any firewall rules on your network that might be blocking communication with the speaker.

6. SPECIFICATIONS

Detailed technical specifications for the AXIS C1210-E Network Ceiling Speaker.

| Feature | Detail |
|------------------------------|--|
| Model Name | C1210-E Network Ceiling Speaker |
| Speaker Type | Ceiling |
| Special Feature | Built In Microphone, Ceiling Mountable |
| Connectivity Technology | Ethernet, Optical, RCA |
| Speaker Maximum Output Power | 25 Watts |
| Product Dimensions | 11.1"D x 11.1"W x 5.9"H |
| Item Weight | 1.1 Pounds |
| Color | White |
| Speaker Size | 6.5 Inches |
| Woofer Diameter | 6.5 Inches |
| Tweeter Diameter | 1 Inches |
| Indoor/Outdoor Usage | Indoor |

| Feature | Detail |
|------------------------------|----------------------------|
| Mounting Type | Ceiling Mount |
| Control Method | Voice |
| Audio Output Mode | Stereo |
| Audio Driver Type | Dynamic Driver |
| Compatible Devices | Laptop, Smartphone |
| Recommended Uses For Product | For Surround Sound Systems |

7. WARRANTY INFORMATION

The AXIS C1210-E Network Ceiling Speaker comes with a limited warranty. For specific terms, conditions, and duration of your warranty, please refer to the official Axis Communications warranty documentation available on their website or contact your authorized dealer.

Please retain your proof of purchase for warranty claims.

8. SUPPORT AND CONTACT INFORMATION

For technical support, additional documentation, software downloads, and frequently asked questions, please visit the official Axis Communications support website:

www.axis.com/support

You may also contact your local Axis Communications representative or authorized reseller for assistance.