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Speaker

Updated 11 August 2026

What Speaker Does

Speaker enables operators to initiate audio announcements and two-way audio calls to SIP-enabled speakers configured under a site in GCXONE. Using the Genesis Audio device type, operators can communicate directly with on-site personnel from the Video Viewer.

Why It Matters

Security operations often require immediate verbal communication with on-site personnel. Speaker eliminates the need for separate communication tools by integrating SIP speaker control directly into the GCXONE interface, allowing operators to respond faster during incidents.

How It Works

Genesis Audio devices use SIP-based communication protocols to register SIP speakers under a site. When an operator initiates an audio call from the Video Viewer, the call is routed through the Genesis Audio device to the configured speaker.

DEVICE TYPE	SUPPORTED PROTOCOL	PURPOSE
Genesis Audio	SIP-enabled Speaker	Audio Announcements

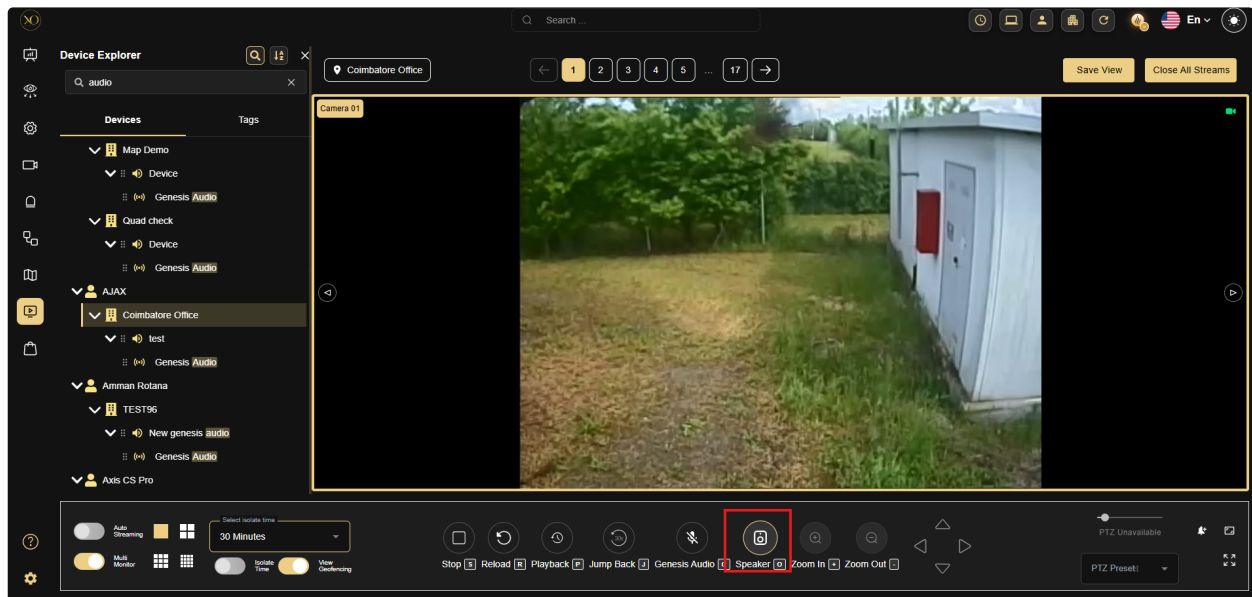


Figure 1: Genesis Audio devices listed under each site in the Device Explorer, with the Speaker button visible in the Video Viewer toolbar.

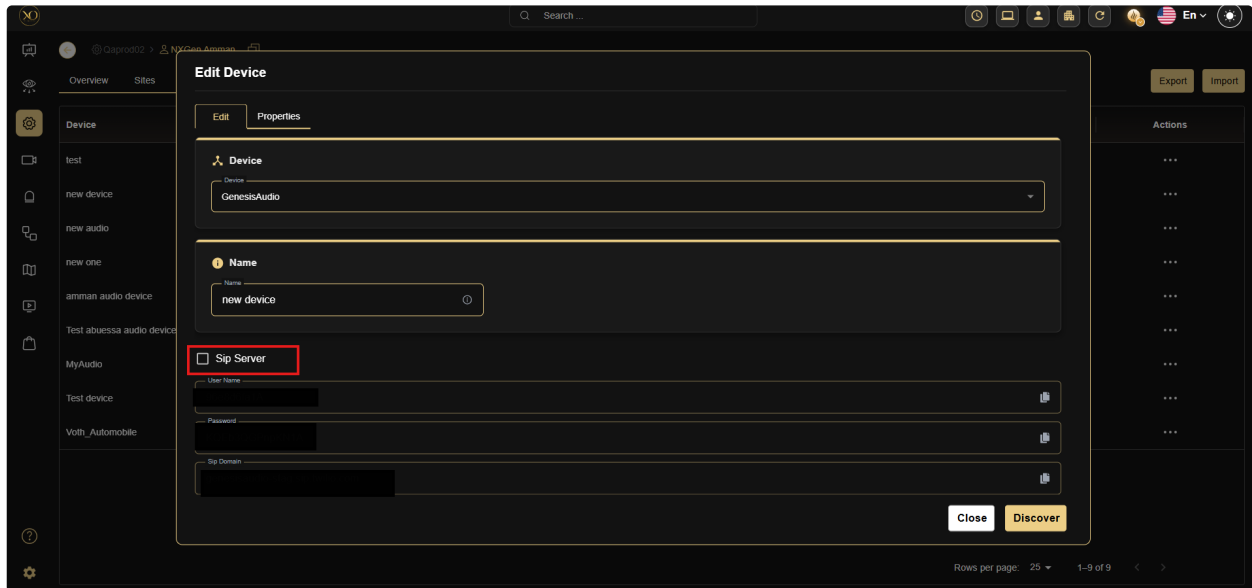
Key Capabilities

Prerequisites

- User must have Genesis Audio permission enabled in their role
- Local Mode is not required — audio calls can be initiated via Genesis Audio even if Local Mode is disabled

Step 1 — Get SIP Credentials from Genesis Audio

1. Navigate to the Configuration App in GCXONE
2. Select the site and go to the Devices tab
3. Click Edit on the Genesis Audio device
4. Click the SIP URL link
5. Note the Username, Password, and SIP Domain — required for speaker configuration

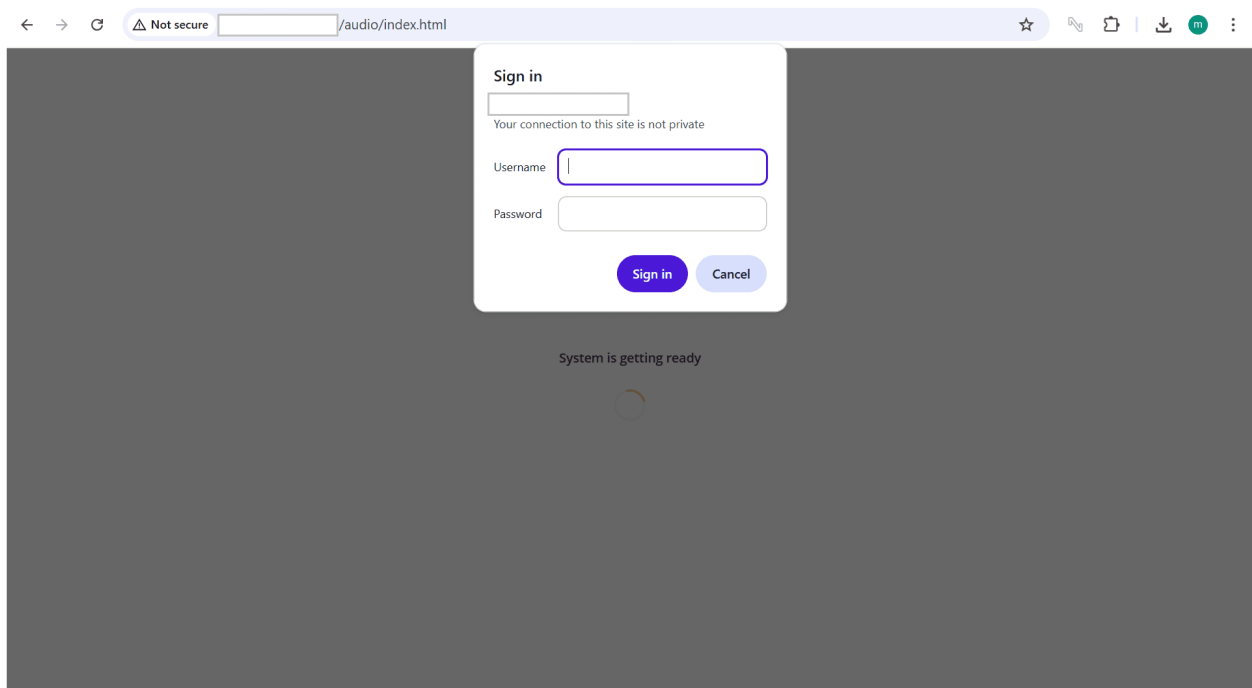


The Edit Device dialog for a GenesisAudio device with the Sip Server checkbox highlighted above the user name, password and SIP domain fields.

Step 2 — Configure the SIP Speaker

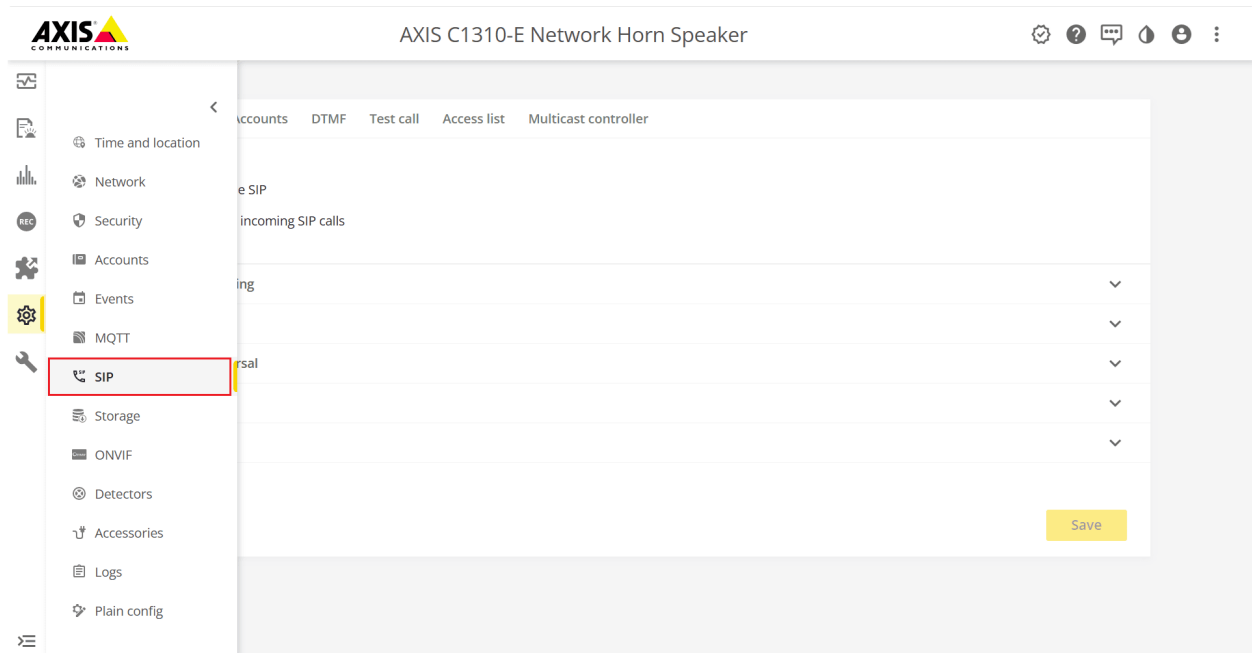
Using the speaker's web client (example: Axis Horn Speaker):

1. Log in to the speaker's web client



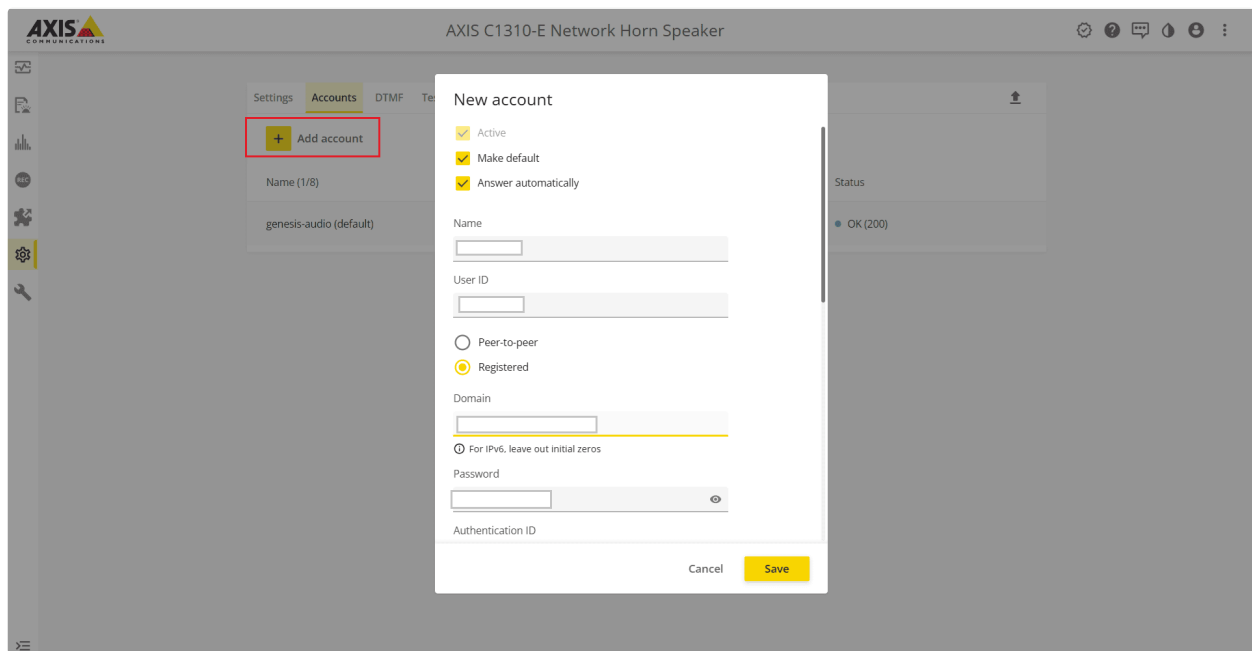
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2. Navigate to System → SIP

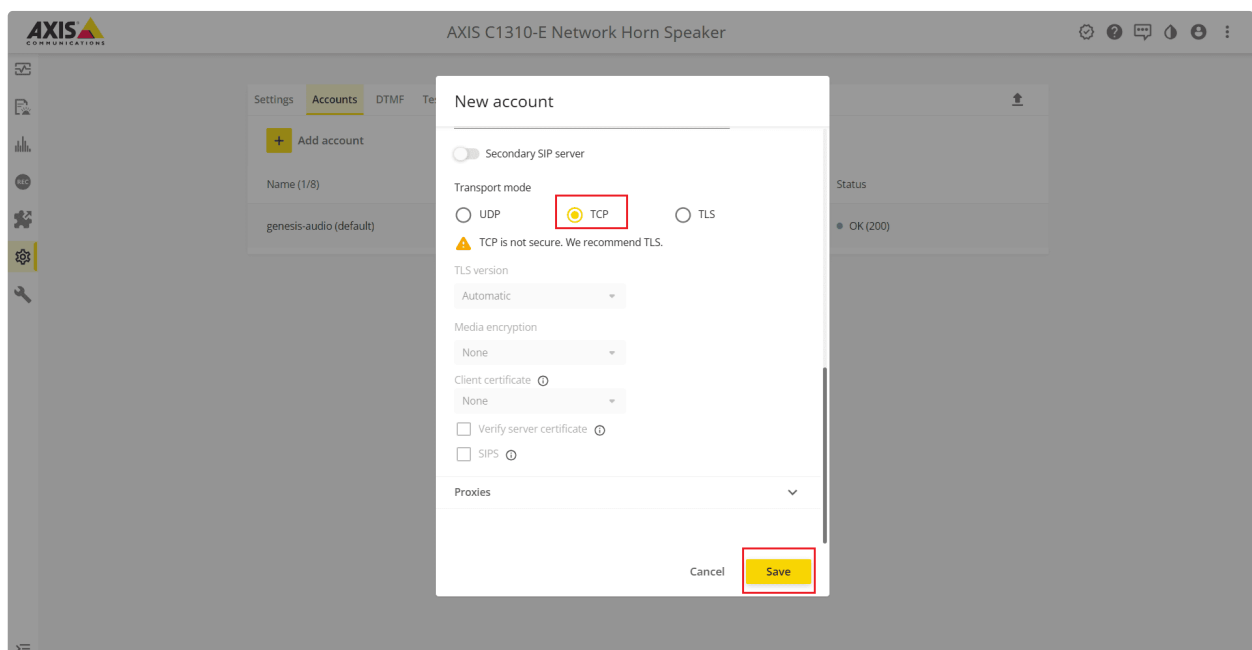


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3. Click Add to create a new SIP account
4. Enable Make Default
5. Enter an Account Name
6. Enter the Username from the Audio credentials
7. Set Default Status to Registered
8. Enter the SIP Domain from the Audio credentials
9. Enter the Password from the Audio credentials
10. Set Transport Mode to TCP
11. Click Save



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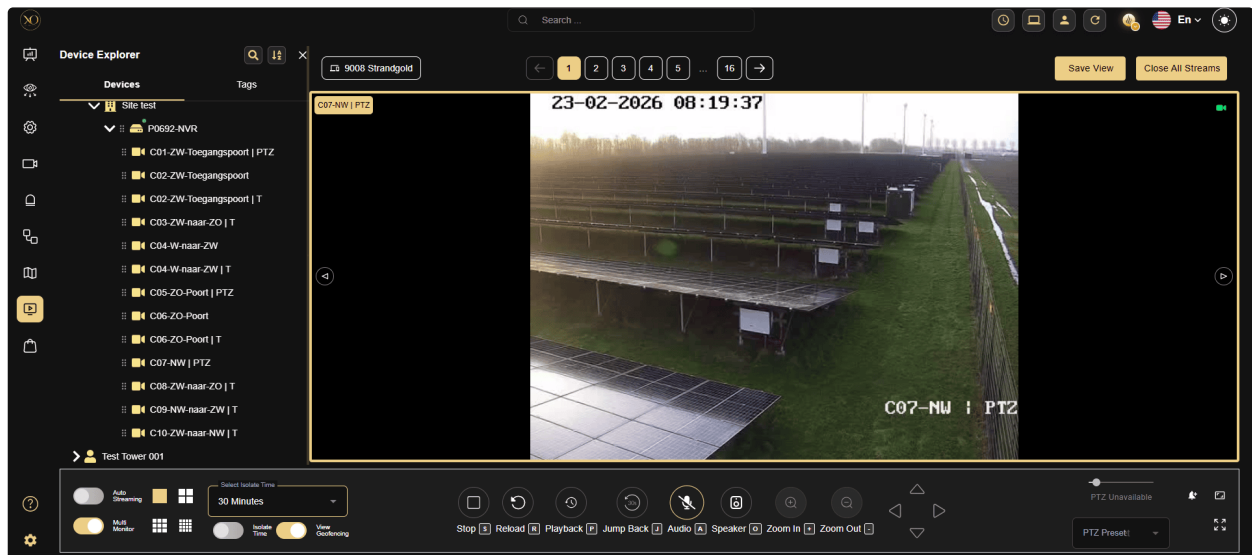


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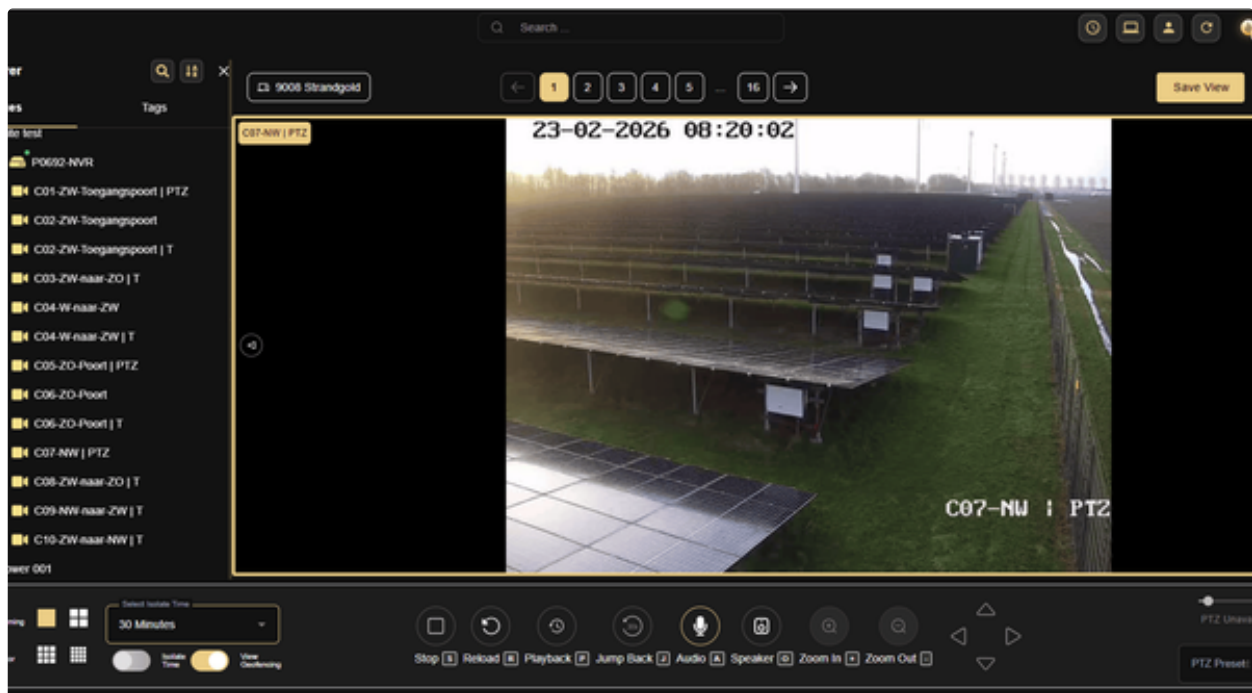
Microphone Setup

Before initiating an audio call, ensure the microphone is properly configured:

- Enable the Audio/Unmute option in the Video Viewer if supported by the device
- Enable the Microphone permission in the browser when prompted
- The microphone icon will change to indicate the microphone is active and the call is connected



GENESIS AUDIO



FIG

For steps on how to initiate an audio call, refer to [Audio Routing & Conference Mode](#)

Real-World Use Cases

- An intrusion alarm triggers — the operator immediately initiates a two-way audio call through the site's SIP speaker to issue a verbal warning without switching to a separate communication tool.

- A delivery arrives at a monitored entrance — the operator uses Speaker to communicate directly with the on-site personnel from the Video Viewer.

Best Practices

- Always verify the Genesis Audio device is active before initiating a call.
- Ensure the browser microphone permission is enabled before starting a shift — waiting for the browser prompt during an active incident causes delays.
- Use Local Mode for device default audio — Genesis Audio calls work via cloud, but device default audio requires Local Mode to be enabled.

Additional Details

- Genesis Audio is configurable only if the user has the corresponding permission
- Local Mode is not required for Genesis Audio calls — they are initiated directly via the cloud
- Local Mode must be enabled to use device default audio