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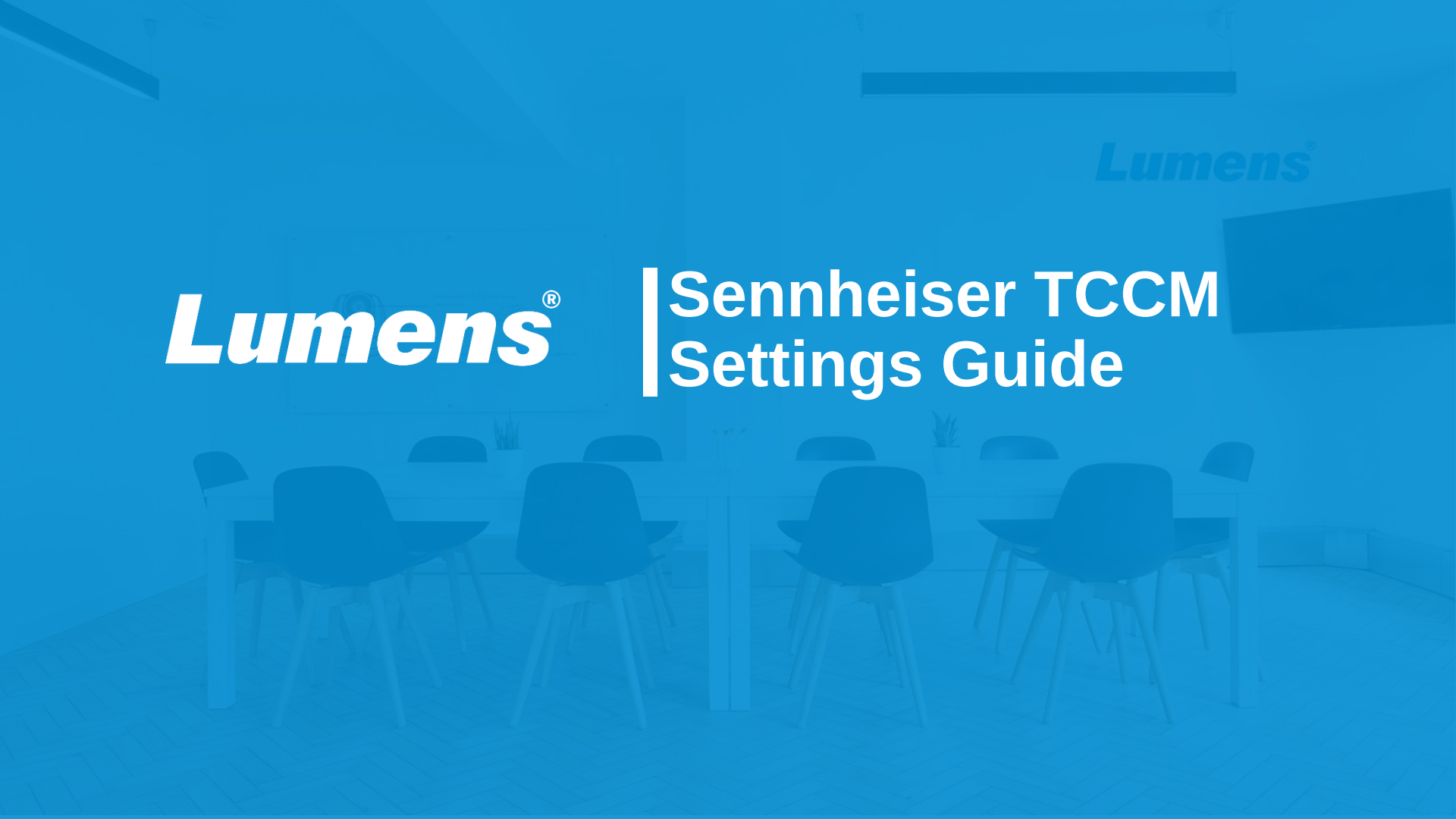
Sennheiser TCCM Settings Guide



Preparation

- Please install your Sennheiser TeamConnect Ceiling Medium microphone, Lumens CamConnect processor and Lumens PTZ cameras on the same Ethernet network.

- For the first installation, enable DHCP on your router or switch.

- For the examples used in this document, we assume a Sennheiser TeamConnect Ceiling Medium installed above the center of a conference table.

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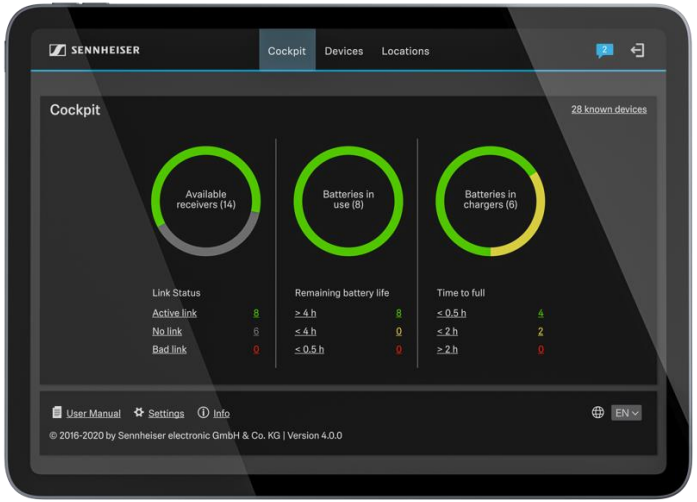
Download Control Cockpit Software



- Download Link: https://en-us.sennheiser.com/control-cockpit-software

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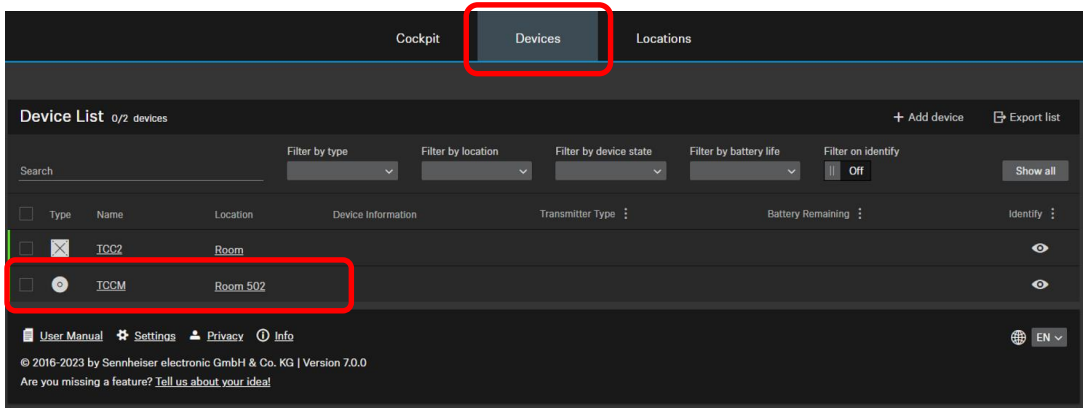
Device Discovery

1. Go to the [Devices] tab
2. The TCCM will show on Device list.
3. Click the TCCM to enter the settings.



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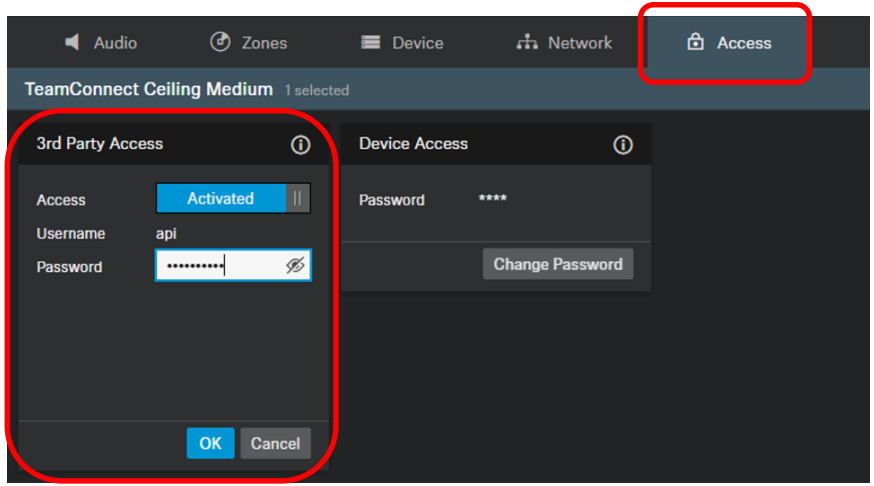
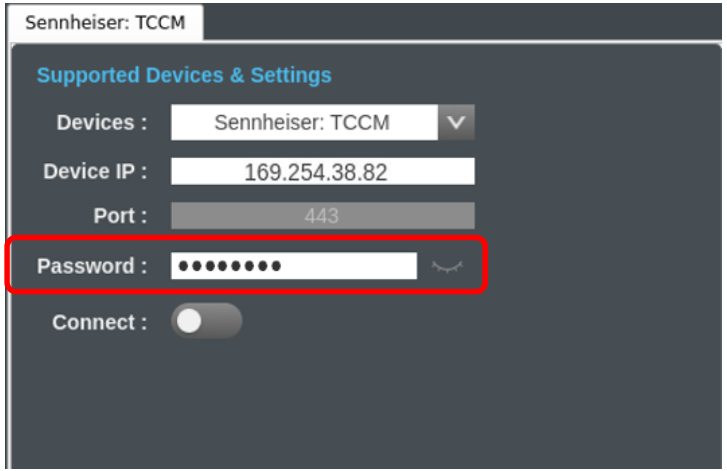
Access

1. Go to [Access] tab
2. Click [Activated] to enable access.
3. Enter the Password and click [OK] to save.

Note Please enter the same password when you select TCCM in CamConnect Pro.





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Zone Settings

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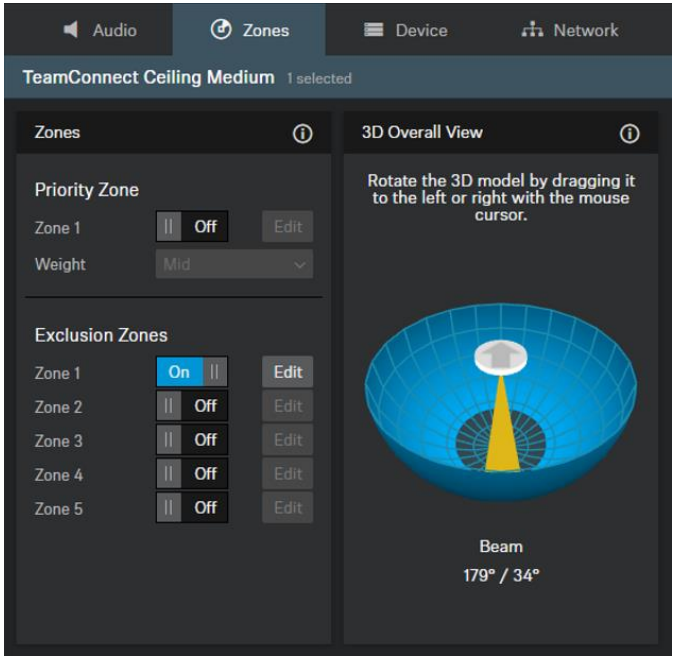
Zones



There are two different types of zones. Users can set:

- A single Priority Zone
- 5 Exclusion Zones

For each zone, both the vertical and horizontal angles can be set individually.

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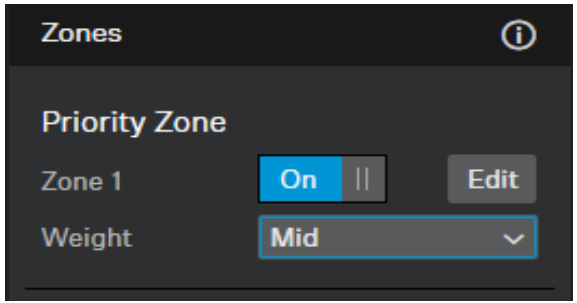
Priority Zone



The Priority Zone allows you to set up a zone which will give precedence to the chairperson if multiple voices are talking concurrently.

- Mid: Increases the weighting for the zone by about 1.5x the normal value.
- High: Increases the weighting for the zone by about 2x the normal value.
- Max: Increases the weighting for the zone by about 3x the normal value.

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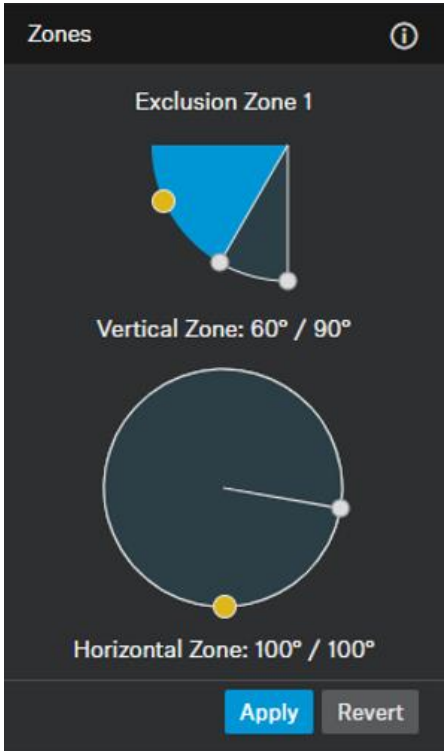
Exclusion Zones



Adjust the sliders to set a vertical and horizontal zone.

The vertical zone can be adjusted from 0° to 90°.

The horizontal zone can be adjusted from 0° to 360°.

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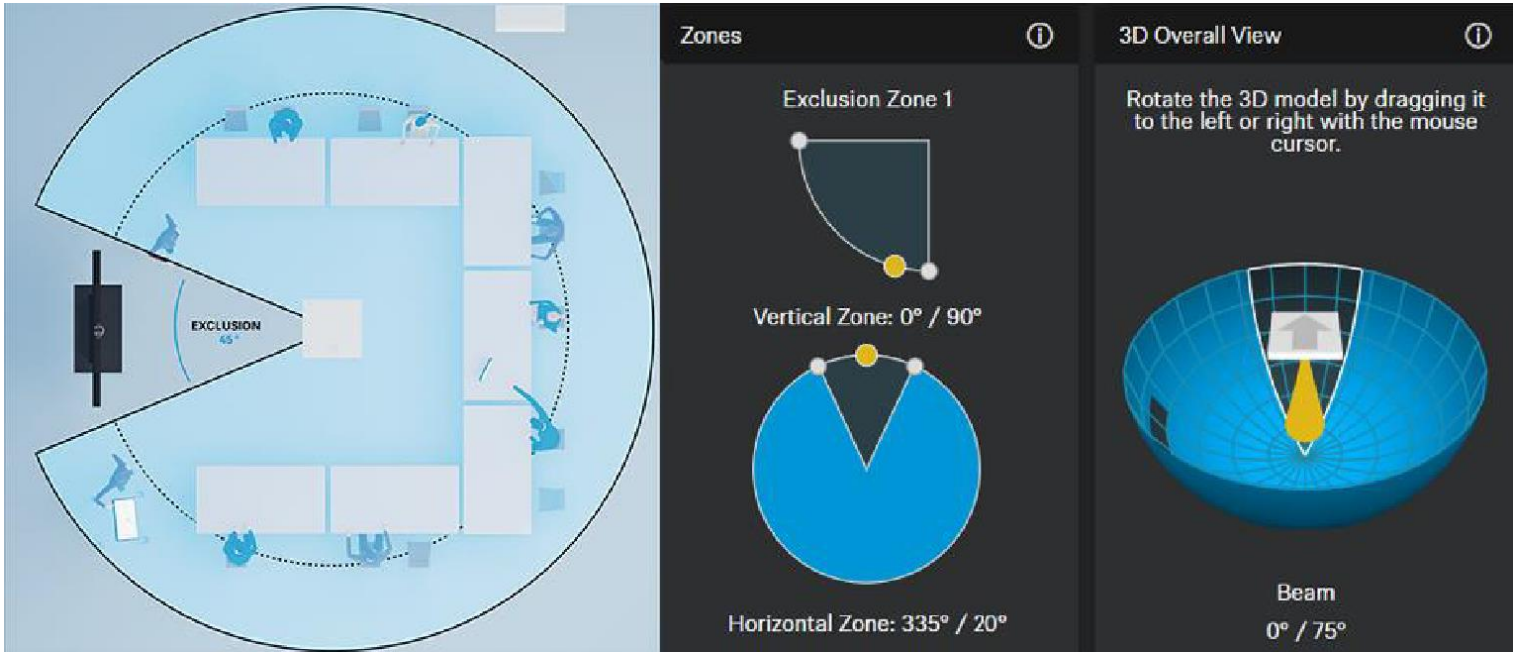
Setting Exclusion Zones example - 1

A horizontal Exclusion Zone can be set in order to exclude sound from loudspeakers.



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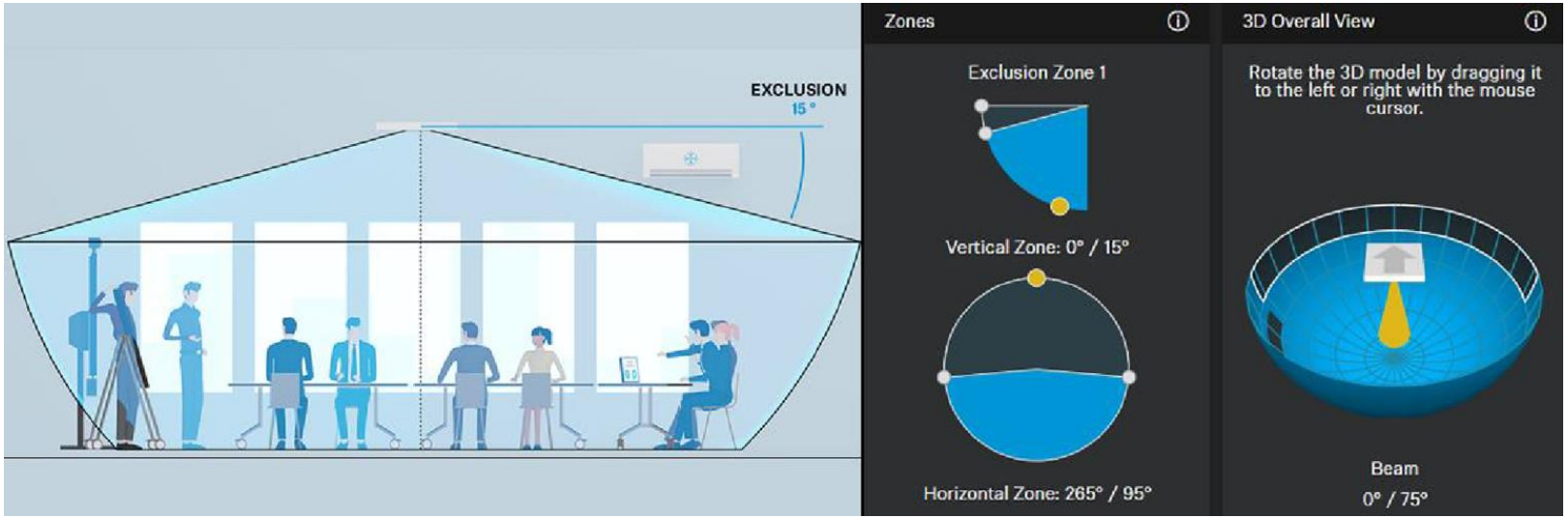
Setting Exclusion Zones example - 2

A vertical Exclusion Zone can be set in order to exclude HVAC noise.



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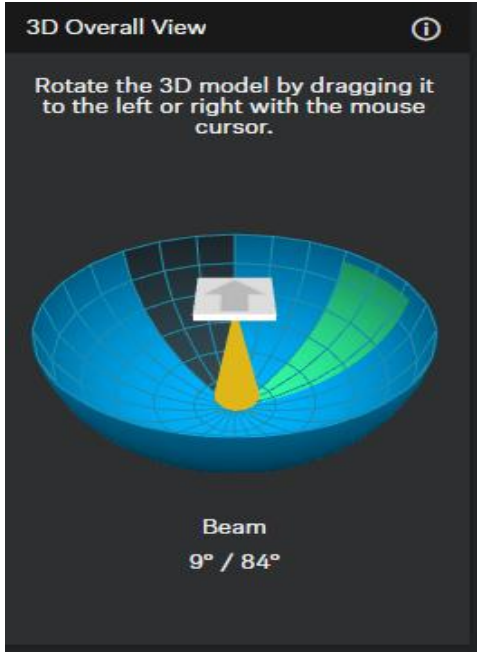
3D Overall View



By activating the zones, 3D Overall View display all activated zones and current voice sources in real-time. The zones in the 3D model are indicated either green (priority) or dark blue (excluded).

If an exclusion and priority zone overlap, the rules of the Exclusion Zone will apply. In this case, the Priority Zone is not displayed in the 3D Overall View.

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Audio Settings

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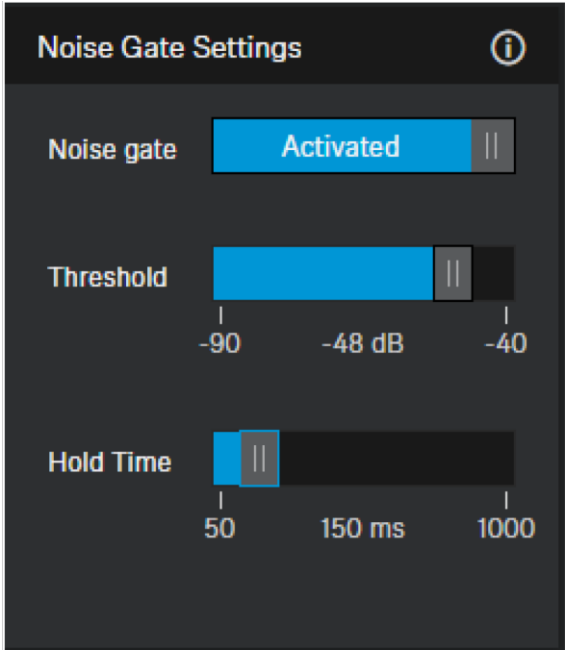
Noise Gate Setting



- **Noise Gate:** avoids capturing background noise or unwanted sounds.
- **Threshold:** activates the microphone only when a predefined audio threshold value is reached. Use the the slider to adjust the minimum threshold level from -90 dB to -40 dB in steps of 1 dB.

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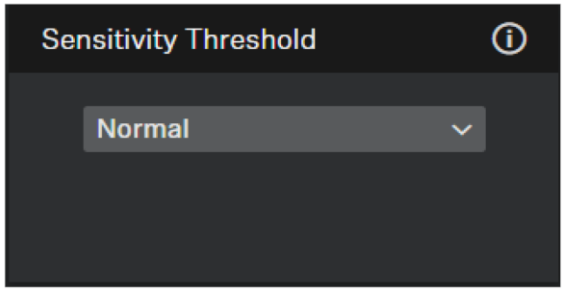
Sensitivity Threshold



Microphone Sensitivity Threshold can be adjusted to better pick out a speakers' voices.

- **Normal**: the recommended setting for most conversational meetings
- **Quiet**: increases the sensitivity of the microphone if voices are not clearly picked up.
- **Loud**: The sensitivity of the microphone is reduced to allow for loud voices in a small space.

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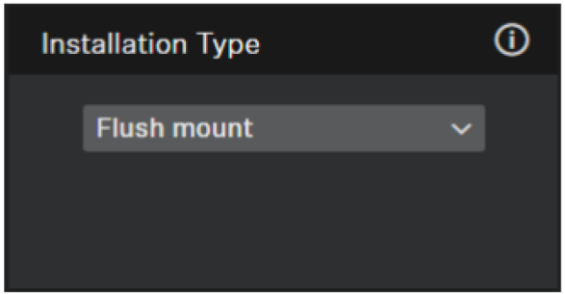
Installation Type



- **Flush Mount**: recommended setting if the ceiling microphone array has been installed in or directly underneath the ceiling.
- **Suspended mount**: recommended setting if the ceiling microphone array has been suspended below the ceiling.

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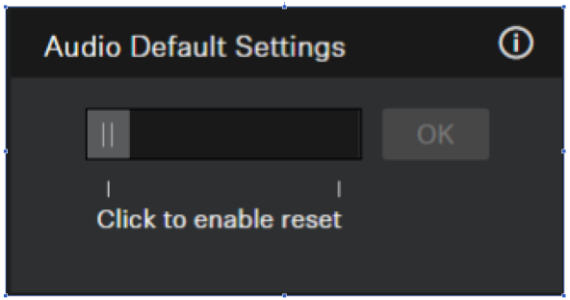
Audio Default Setting



Resets the audio settings to the factory defaults.

The last status saved in the “Location-based mute” field is retained even after you reset to factory defaults.

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CamConnect Pro Settings

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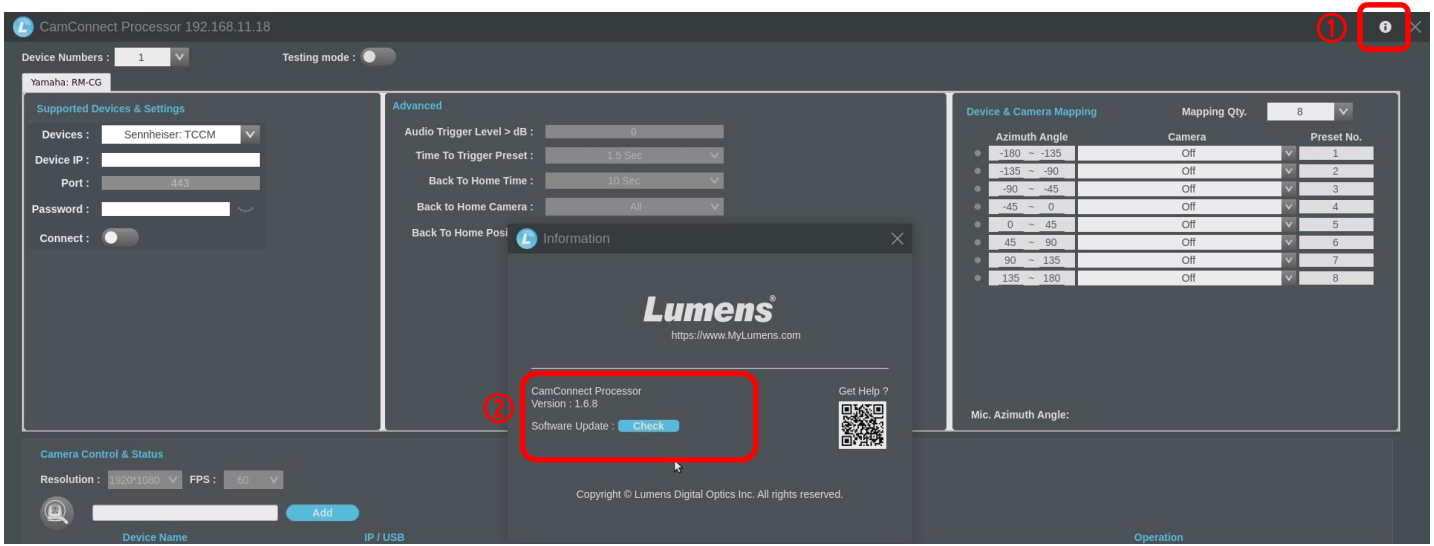
Update Latest Firmware

Click to make sure your CamConnect Pro has the latest firmware.



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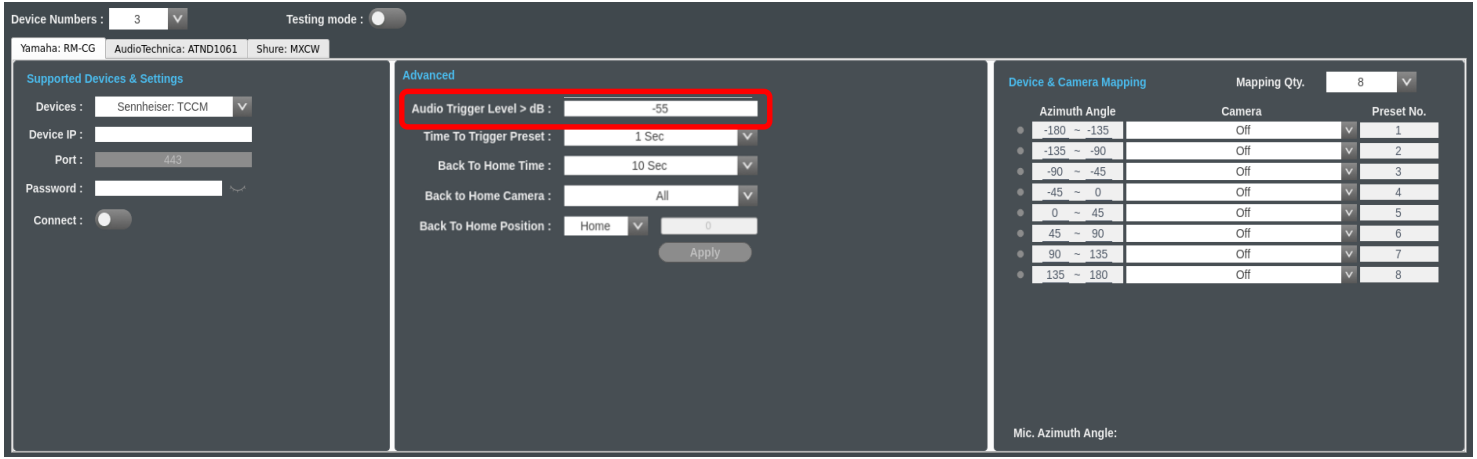
Audio Tigger Level

- Triggers if audio source exceeds the selected dB value.
- Set the level from 90 to 0dB (we recommend -55dB)



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