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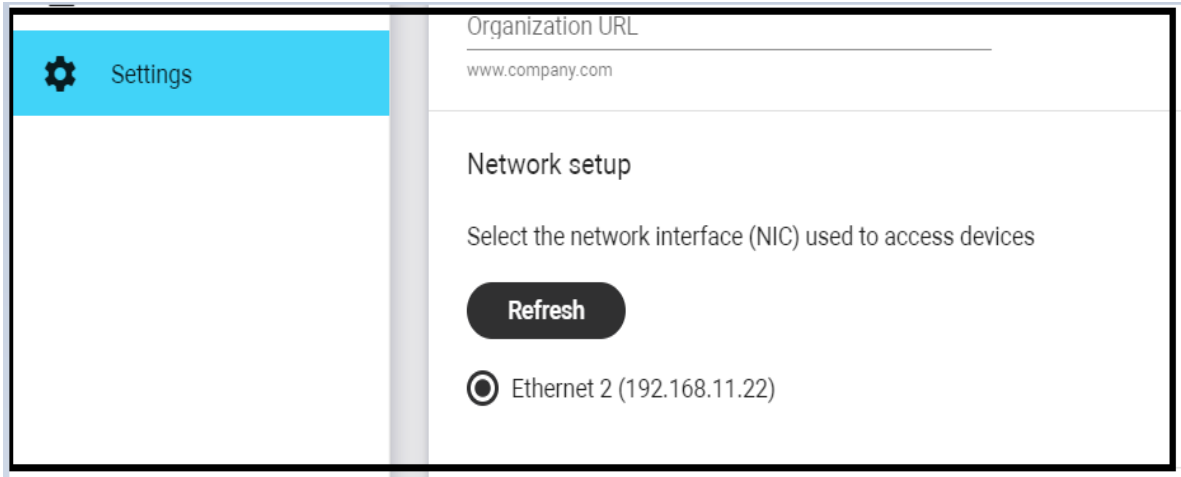
Shure MXA710 & CamConnect Pro Settings Guide

1. Discover MXA710 in Shure Designer

1.1 Download Designer: https://www.shure.com/en-US/products/software/designer_software

1.2 Launch Designer and go to [Online Devices].

- *Note = if MXA710 does not appear in [Online devices], go to [Settings]; choose your NIC (Network interface card) and select [Refresh]*



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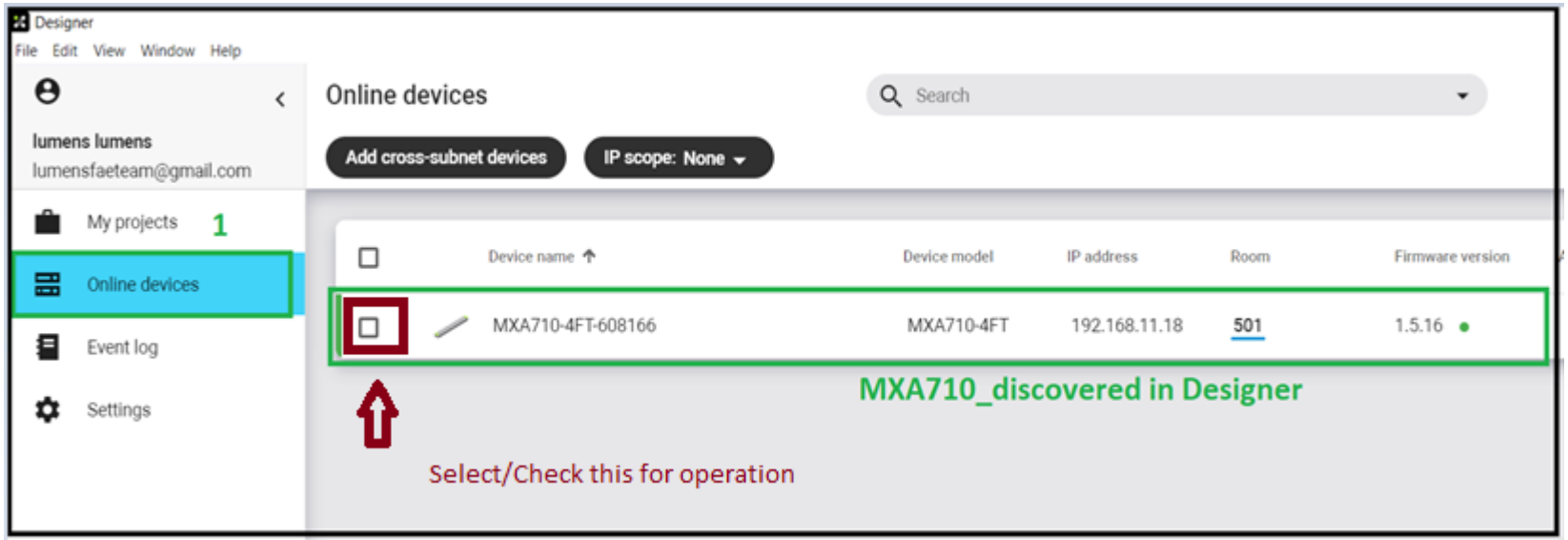
1. Discover MXA710 in Designer

1.3 Go back to [Online Devices]. Select your MXA710 as below.



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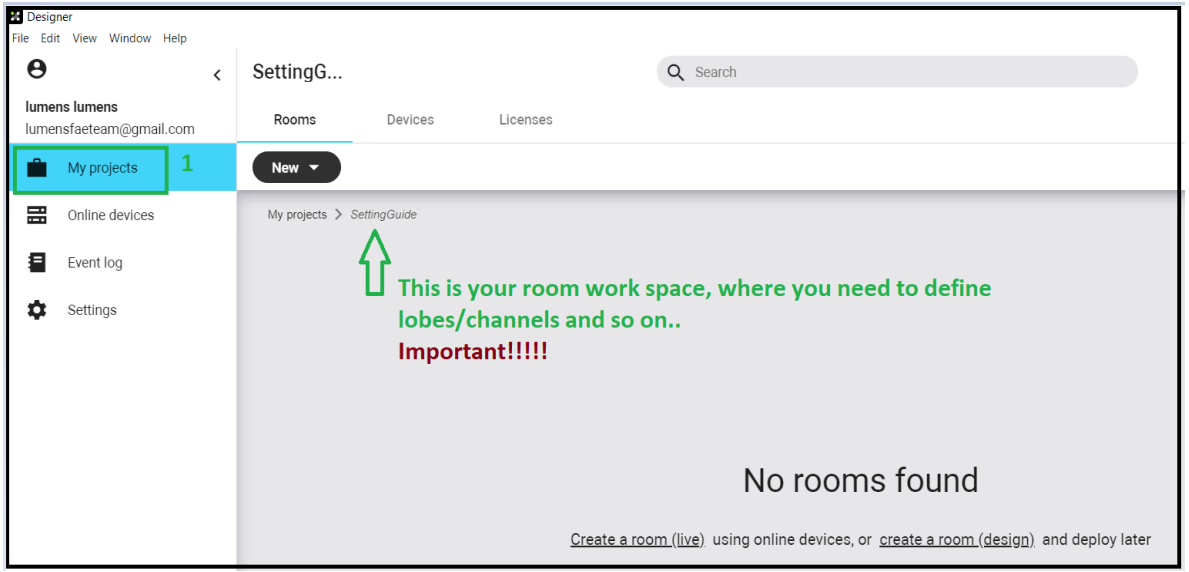
Room Level Settings

2. Setting up MXA710 in your room

2.1 **MXA710 room orientation setting:** (Wall _ vertically, Wall _ Horizontally, Ceiling or table).
Wall Horizontally is shown here
2.2 In Designer go to [My Projects] and define a name; ex. Name= 501. Click [Create].



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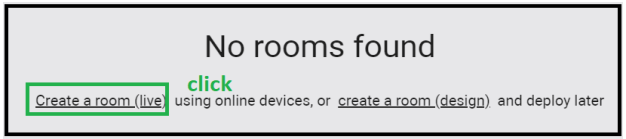
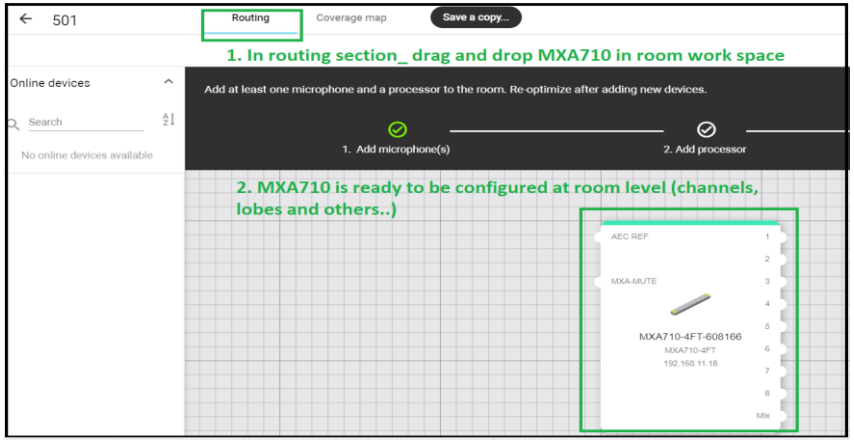
2. Setting up MXA710 in your room

2.3 **Creating a Room**. As in 2.2, click on [Create a room (live)].



2.4 Drag and Drop your MXA710 into the room workspace. Make sure you have selected the MXA710 as shown in 1.3.



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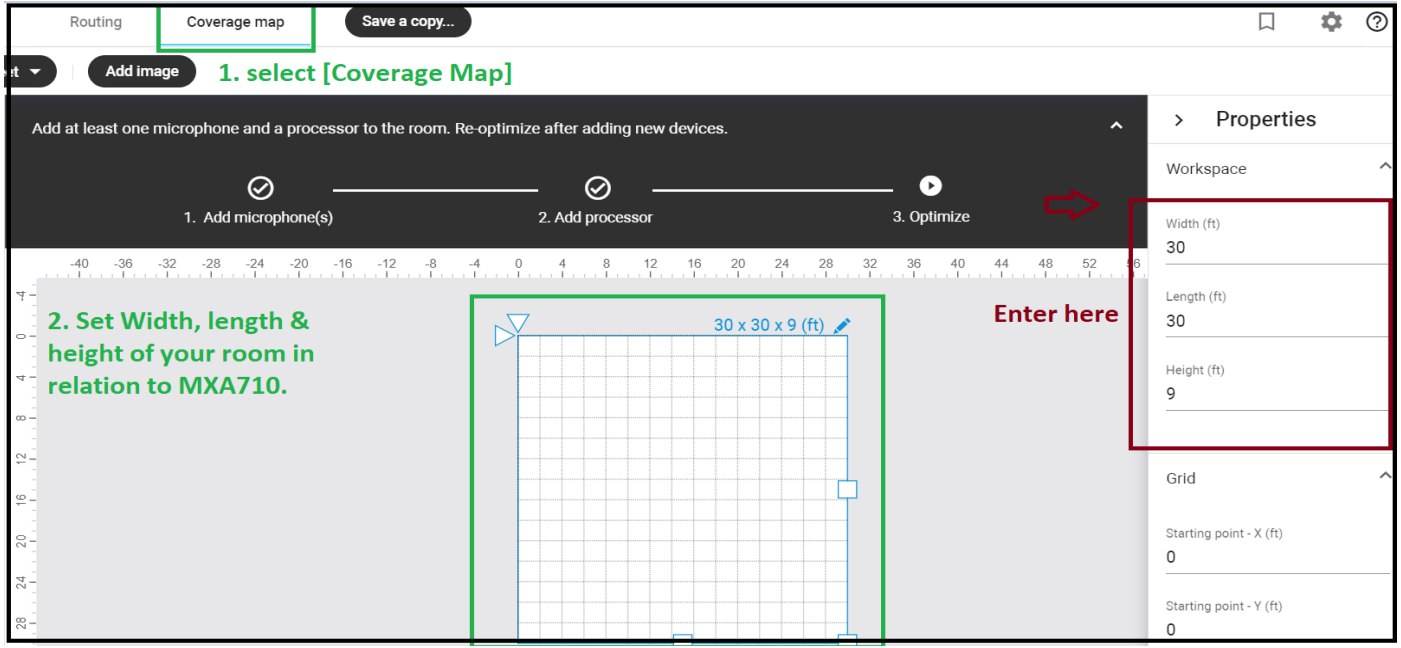
2. Setting up MXA710 in your room

2.5 **Set the room dimension in relation to position/orientation of MXA710**.

- Go to [Coverage Map]. Define room (Length X Width X Height)



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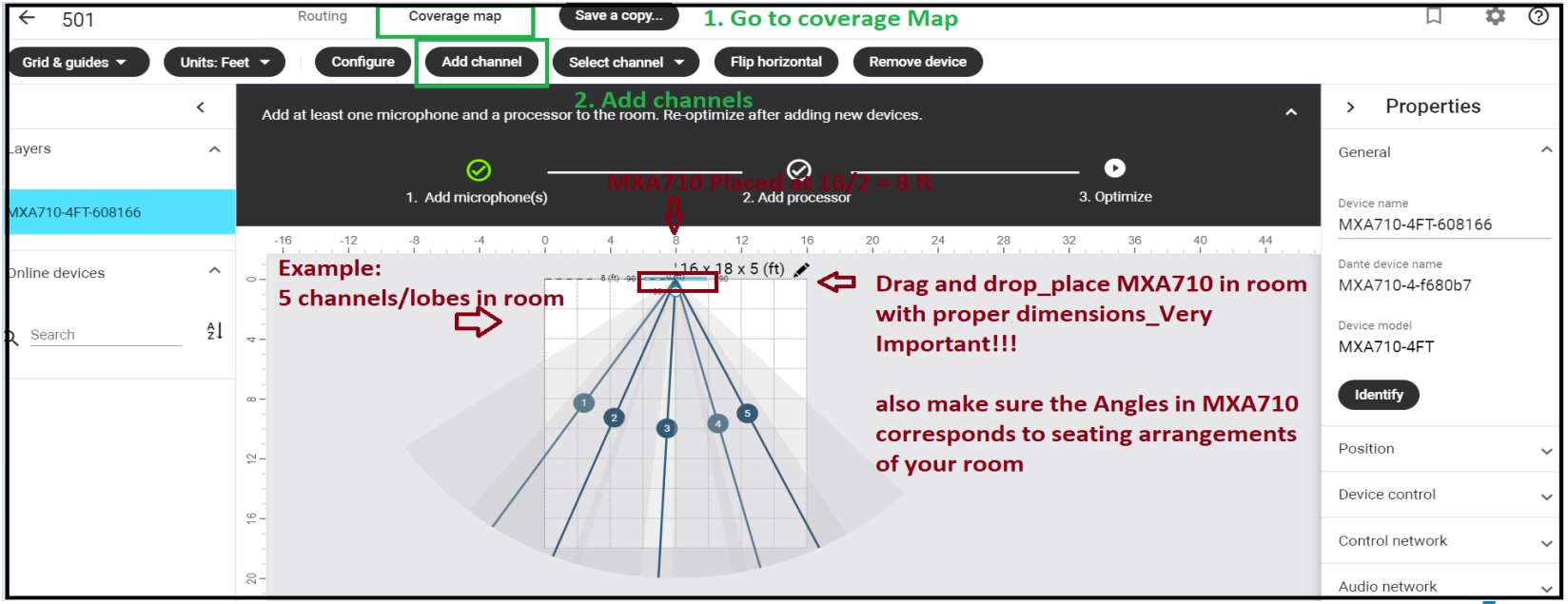
2. Setting up MXA710 in your room

2.5 **Set MXA710 lobes/channels**: MXA710 supports up-to 8 4ft channels. Here we have set 5 channels.



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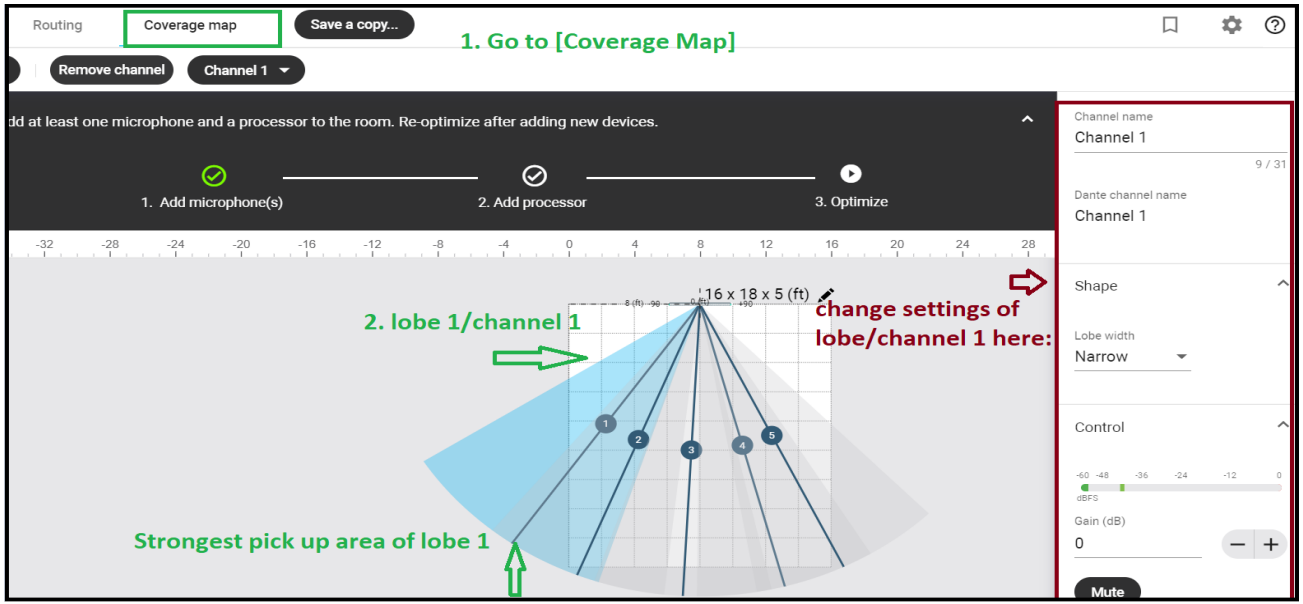
Room Level Settings

2. Setting up MXA710 in your room

2.5 **Fine tune channels/ lobes:** The solid line within each lobe/channel shows where pick-up is strongest.

- The Lobe's edge is -6db down from solid line. When fine tuning lobes, have someone at each seat position (as a voice source).



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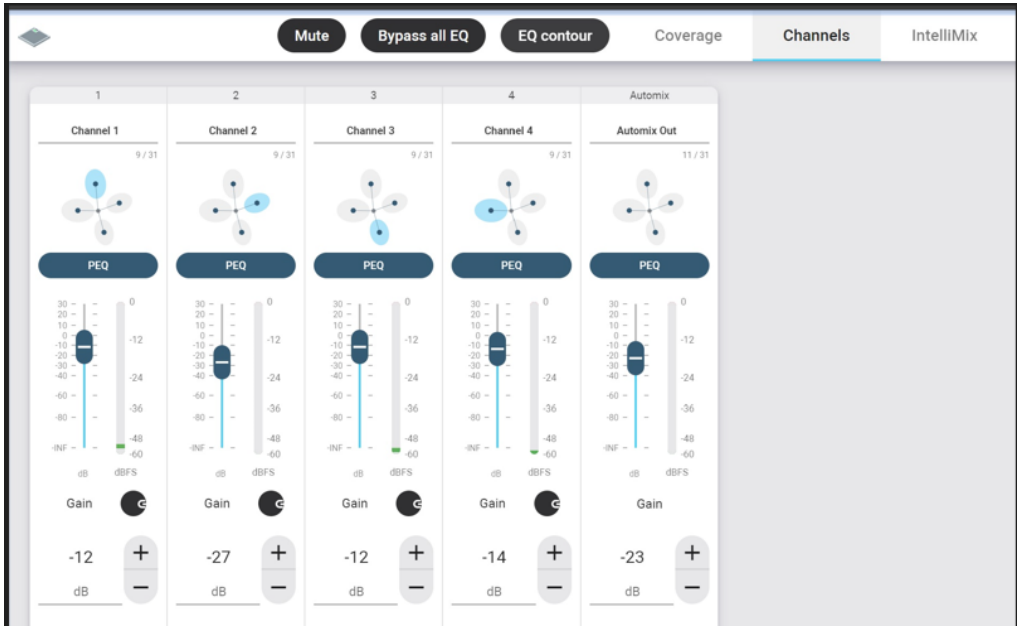
• Channel Mix (Automix)



Go to the Automix page. Use the faders to adjust a channel's gain before it reaches the auto-mixer and therefore affects the automixer's gating decision.

Boosting the gain here will make the lobe more sensitive to sound sources and more likely to gate on. Lowering gain makes the lobe less sensitive and less likely to gate on.

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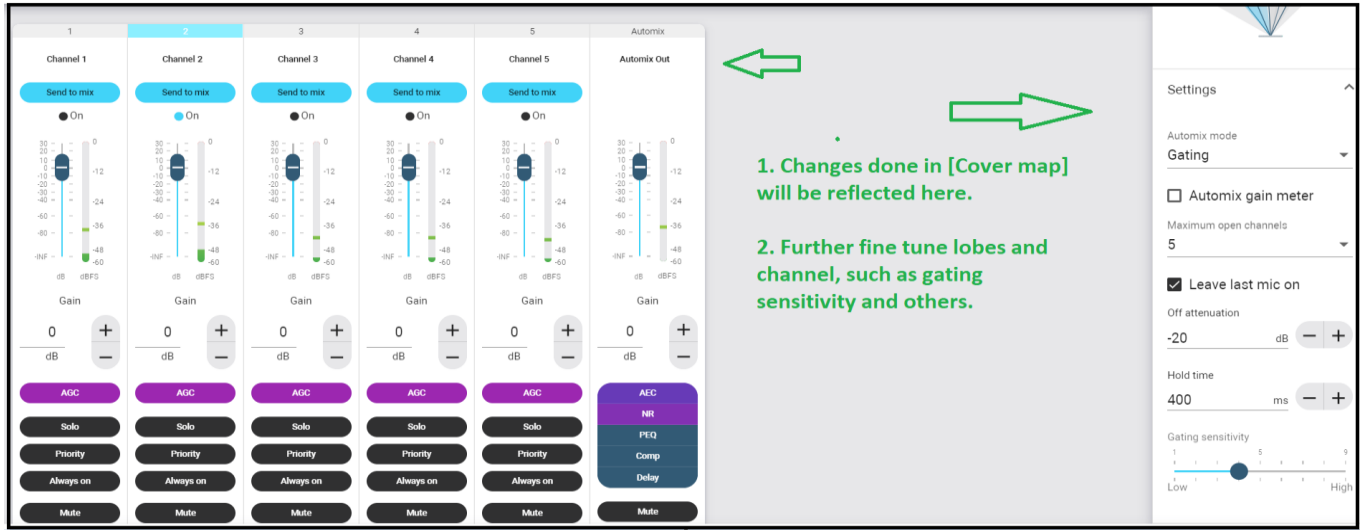
Room Level Settings

2. Setting up MXA710 in your room

Disable “Always on” for all channels.
When no sound is detected in the room, CamConnect will return to its home position (or a defined camera preset if required).



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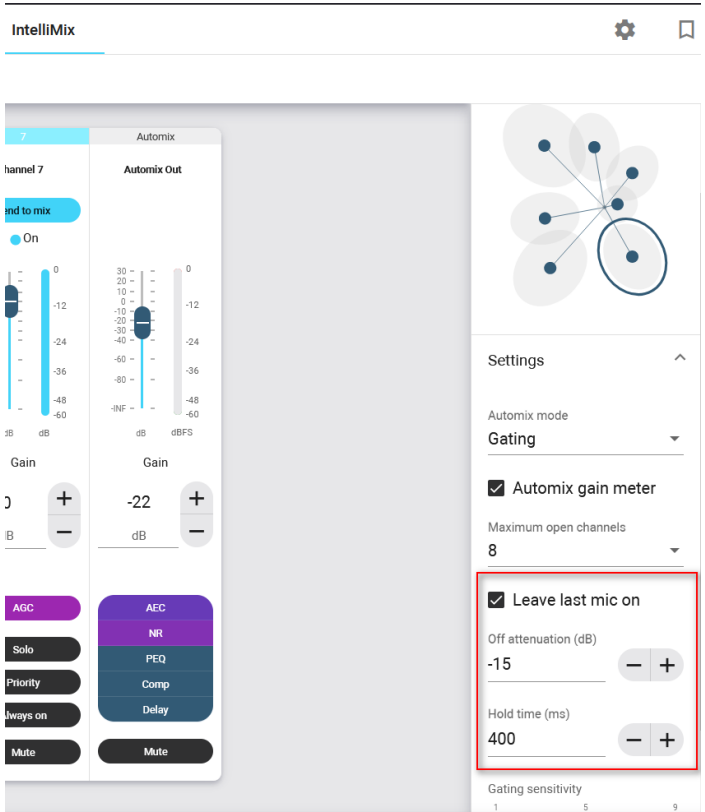
• Leave Last Mic On



- **Leave Last Mic On**

  Keeps the most recently used microphone channel active.

  The purpose of this feature is to retain the natural room sound in the signal so that meeting participants on the far end know the audio signal has not been interrupted.

- **Off Attenuation**

  Sets the level of signal reduction when a channel is not active.

- **Hold Time**

  Sets the duration for which the channel remains open after the level drops below the gate threshold.

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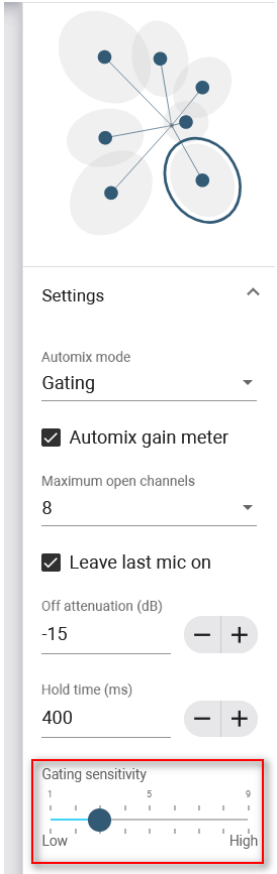
Gating Sensitivity



Gating Sensitivity

- Changes the threshold level at which the gate is opened
- Generally, this should be set between 2 and 5. Begin at **level 2** and adjust it to find the most appropriate result for your meeting space.
- The higher the level, the more sensitive the voice-trigger, and the greater the frequency of camera switching.
- The higher the level, the greater the chance of picking up non-vocal sounds.

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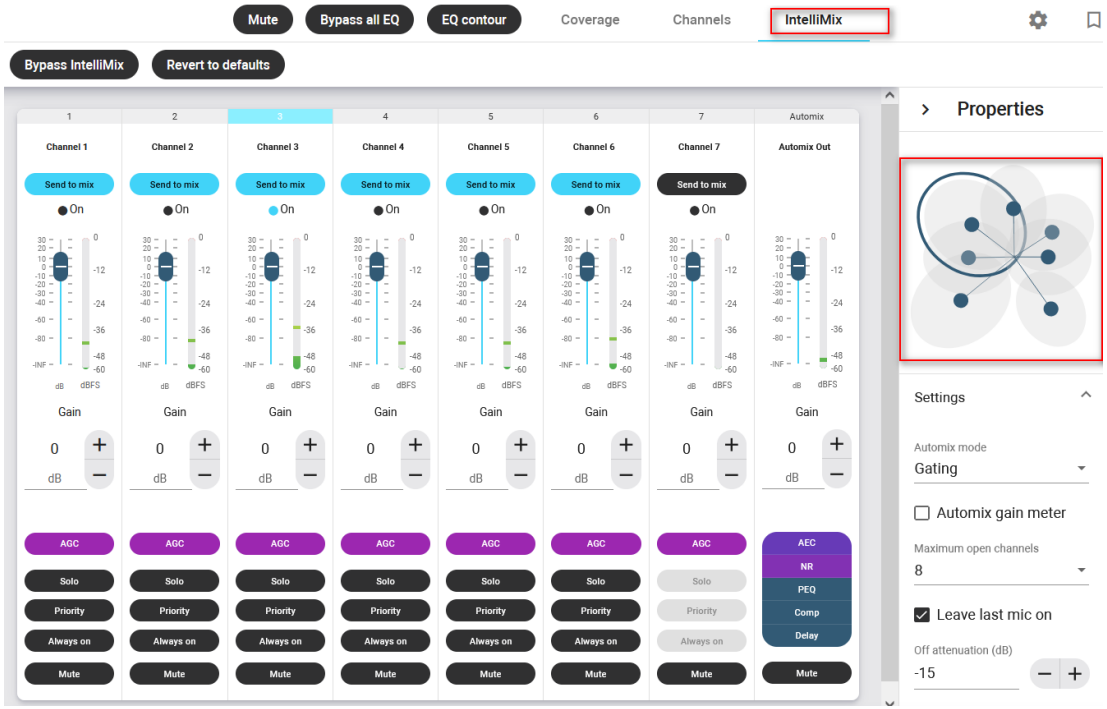
Voice activation



On the IntelliMix page, you can test whether the correct channel is activated when someone speaks.

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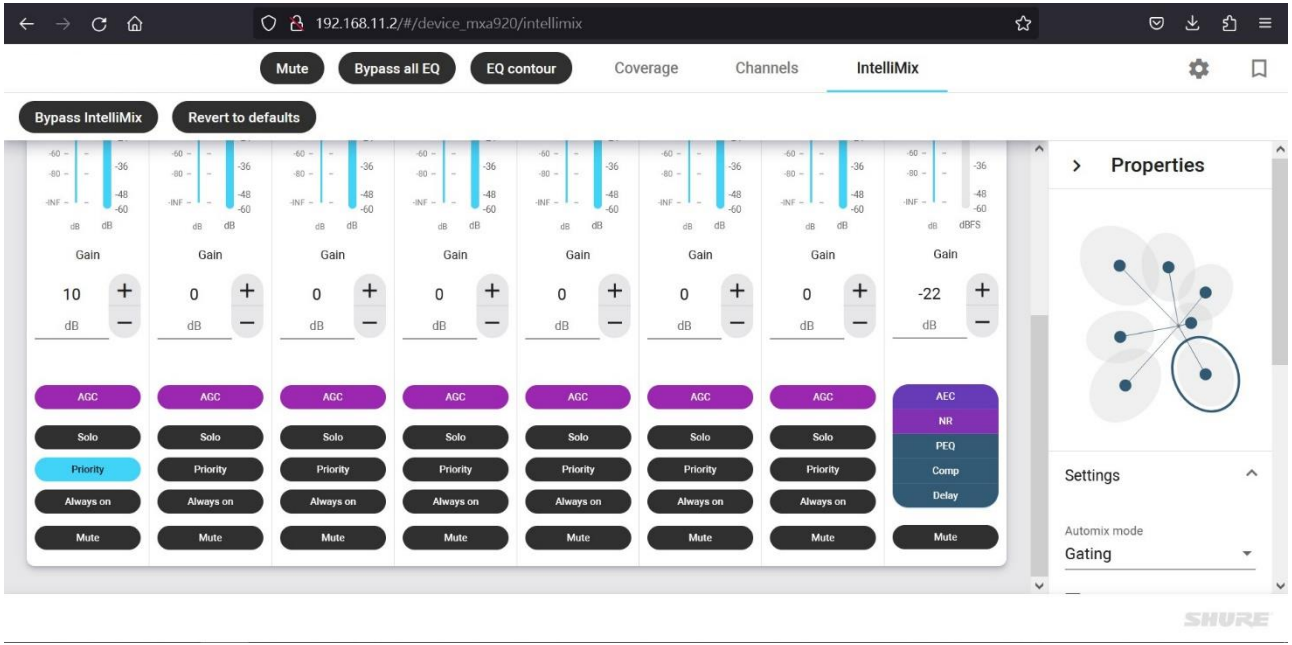
Priority



- If we enable “**Priority**” on channel 1. This means that when both channel 1 and channel 2 are talking, the signal of Channel 1 will be sent first
- For example, in a meeting. The main speaker is in the position of Channel 1. Channel 1 can be set with higher priority.

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CamConnect Pro Settings

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3. Connecting CamConnect with MXA710

3.1 In the CamConnect interface, go to [Supported Device & Settings]. From the Device drop down list select Shure MXA710.

A. Enter the MXA710`s IP address.

B. Slide the toggle [Connect].

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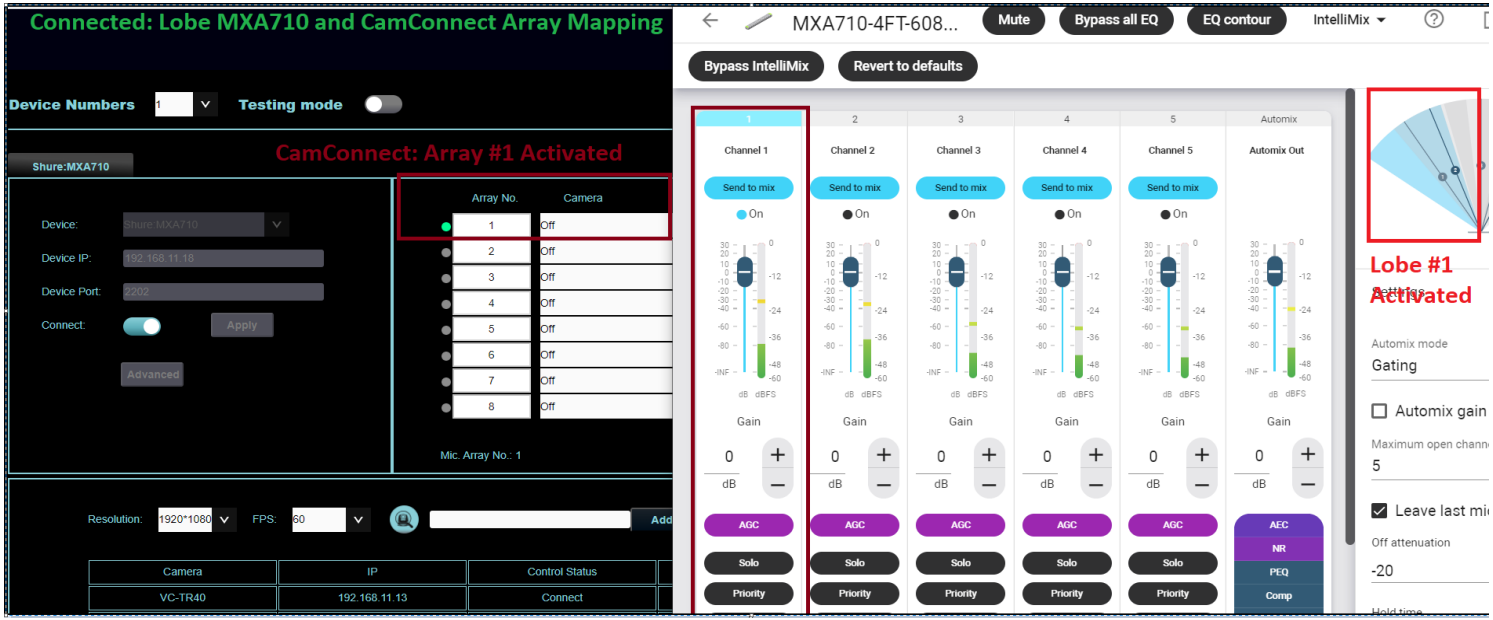
3. CamConnect & MXA710: Lobe/Channel Mapping

Go to the Camconnect web interface and the MXA710 intelliMix interface as shown. Press [Configure] in the room workspace to access IntelliMix.



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