

**Lumens®**

Camconnect &  
Shure MXA920  
Zone Mode  
Setting Guide

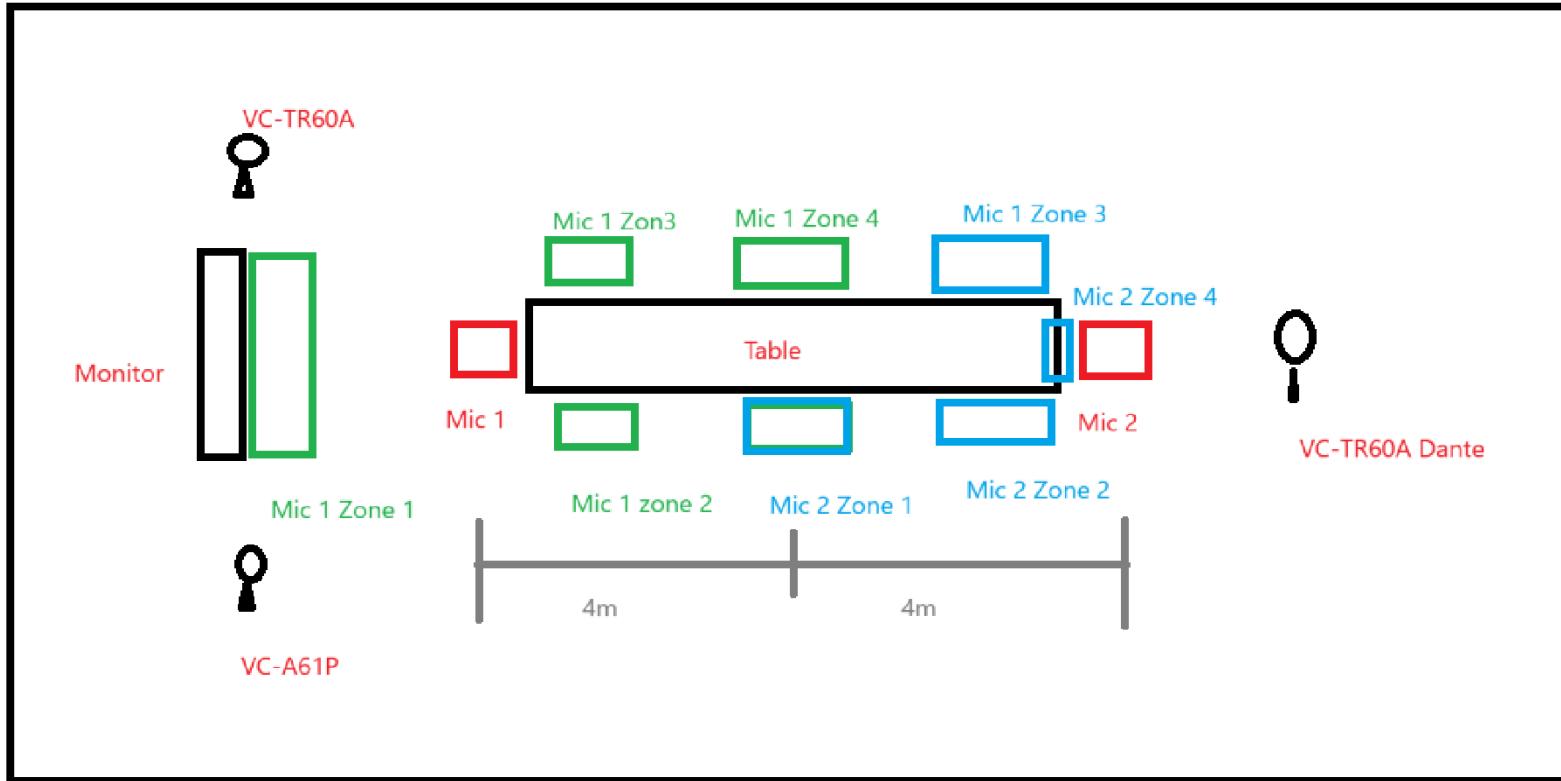
**Lumens®**

# Notice:

1. **it is recommended that the optimal pickup range of the microphone be within a radius of 2 to 3 meters.**
  - If the distance extends to 3 to 4 meters, there is a possibility of audio drifting or instability.
2. **Distance Limitations Between Two Participants' Positions.**
  - It is recommended to keep the distance between 0.8 ~ 1.2 meters.
  - If interference occurs within this range, the preset area must be enlarged—for example, changing from covering one seat to covering two or three seats.
3. **Check whether there are other environmental noise sources that affect audio pickup at that position.**
  - If so, try creating multiple zones around the noisy area to prevent that region from triggering audio pickup.
4. **Notes on Enabling “Back to HOME” Setting.**
  - Currently, when using a box camera and setting it to Back to Home, version V1.14.0 is required to trigger the function properly.
  - Workaround:
    - Assign the VC-BC301P to an unused Array Zone (a zone that will never be triggered).
    - Then, select the VC-BC301P in the Back to Home setting

# Floor Plan

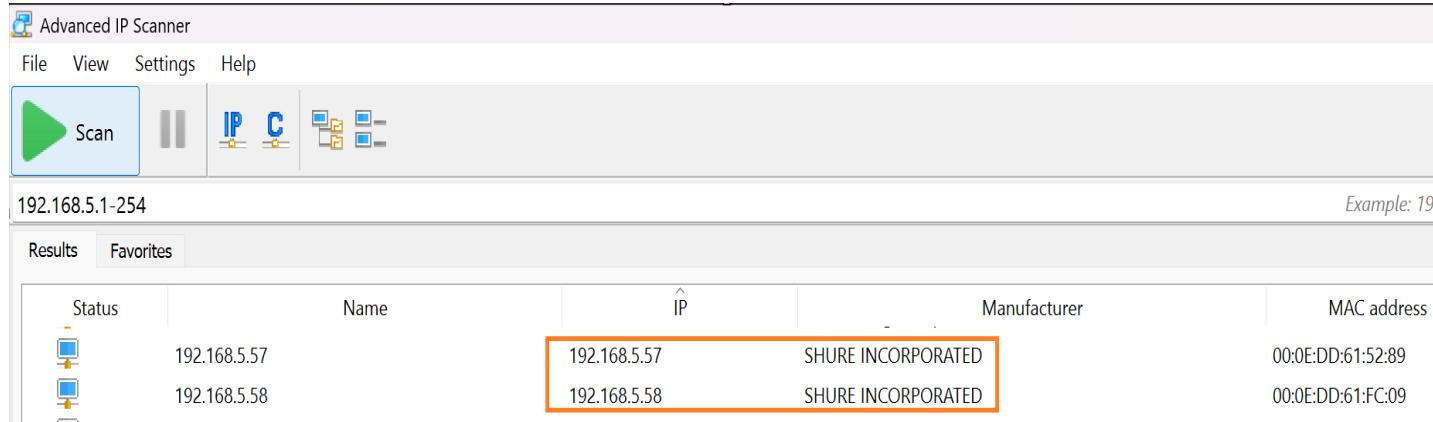
At the time of writing this guide, the firmware are; **MXA920 = 6.5.84.0, Camconnect = V1.12.14**



# Microphone Setting

## 1. Use Shure Designer or Web Discovery Tool to find MXA920's IP.

- If You are unsure, please refer to MXA920 setting guide on Lumens website. Below. Advanced IP Scanner is used.



Advanced IP Scanner

File View Settings Help

Scan | IP | C | Folders

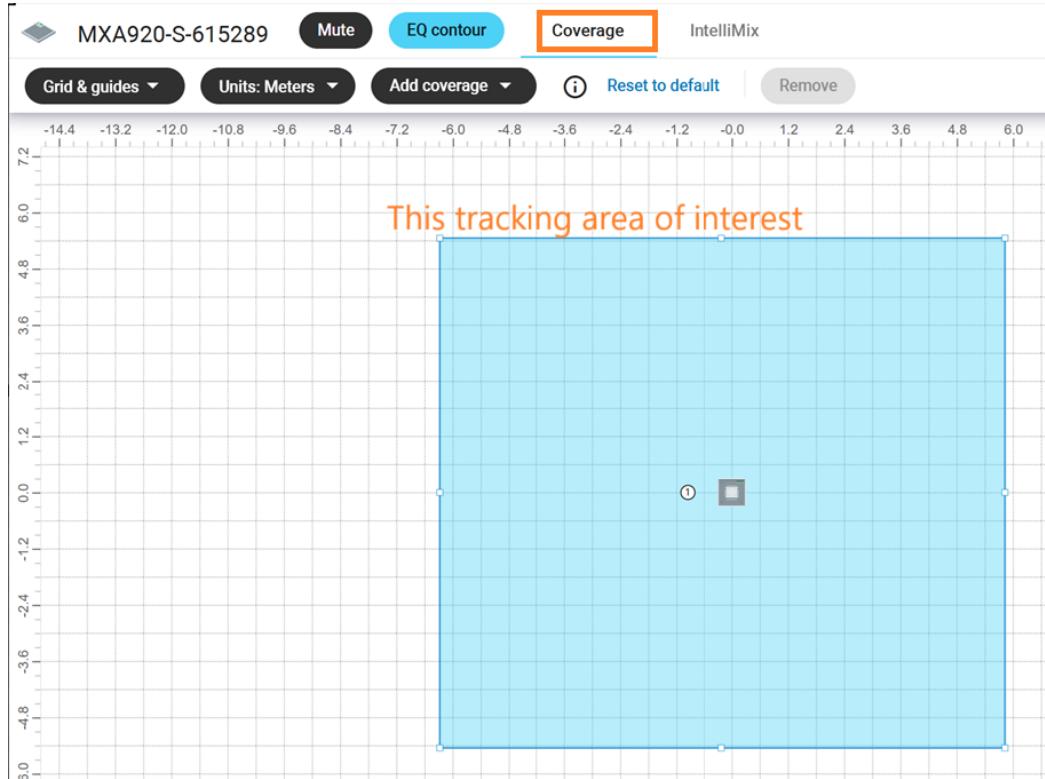
192.168.5.1-254 Example: 192

Results Favorites

Status	Name	IP	Manufacturer	MAC address
Online	192.168.5.57	192.168.5.57	SHURE INCORPORATED	00:0E:DD:61:52:89
Online	192.168.5.58	192.168.5.58	SHURE INCORPORATED	00:0E:DD:61:FC:09

# Microphone Setting

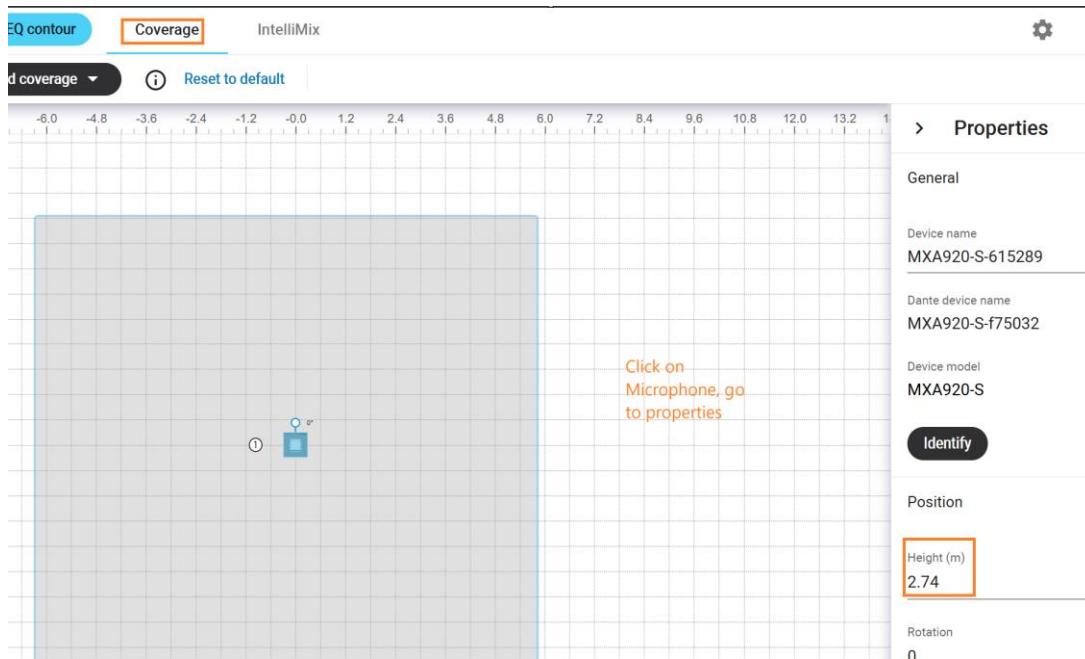
2. Turn off Auto coverage or lobes. Instead use only 1 rectangular “lobe” with the approximate dimensions of your room or your area of interest (intended for tracking).



# Microphone Setting

3. Adjust attenuation, sensitivity and Microphone height according to your room and acoustics.

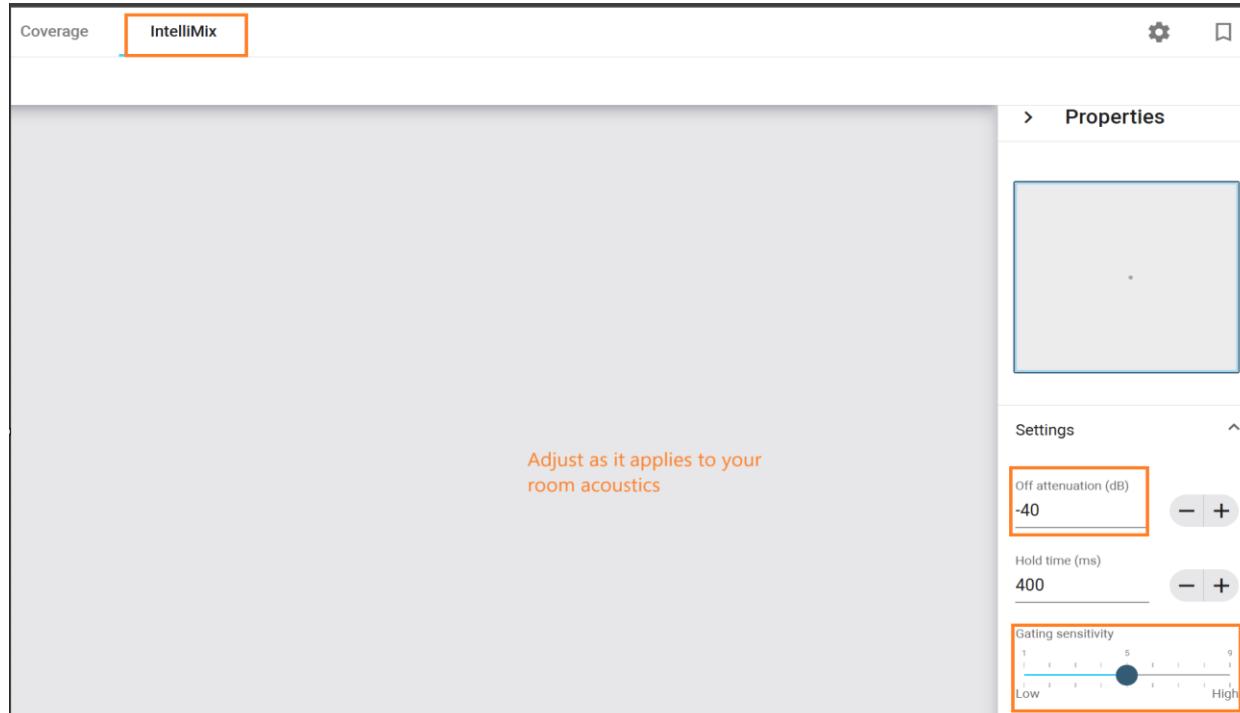
\* Below, shows adjusting Microphone height.



# Microphone Setting

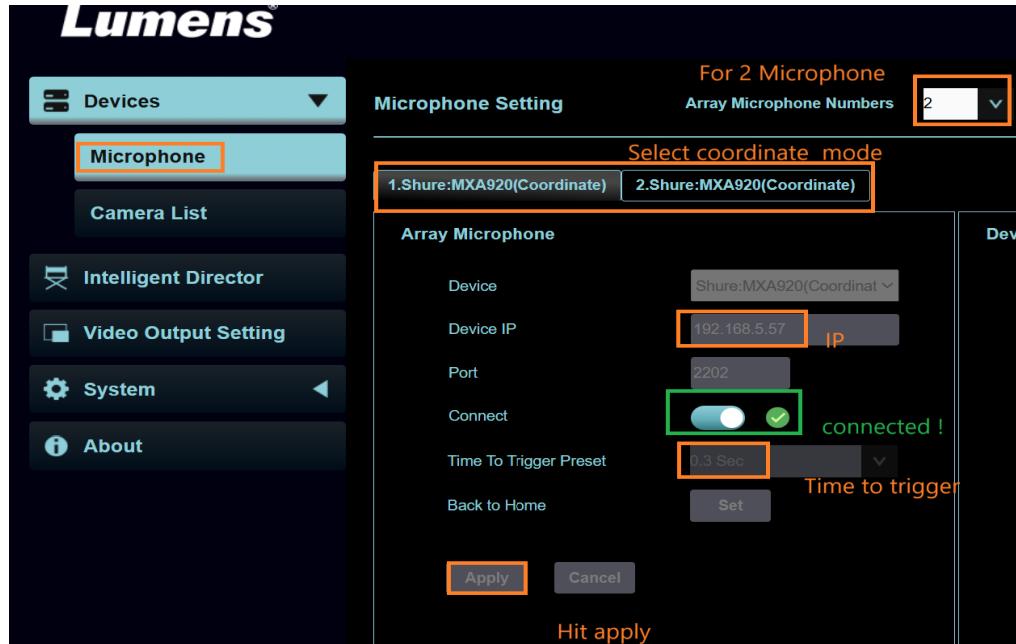
3. Adjust attenuation, sensitivity and Microphone height according to your room and acoustics.

- Below, shows adjusting sensitivity and attenuation (Note: this largely varies per room)

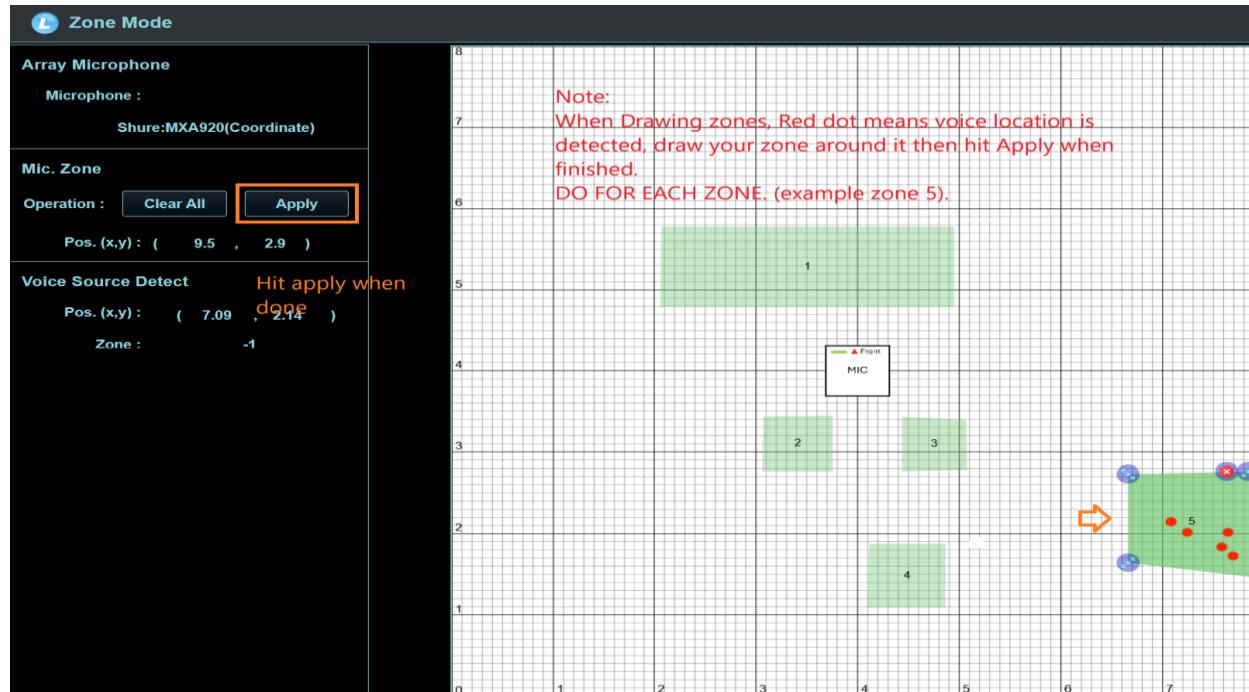
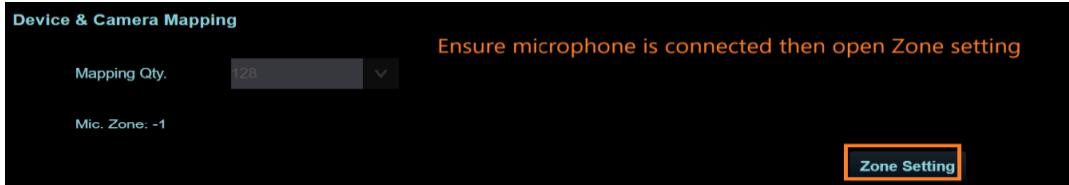


# Connection: X2 MXA920 and Camconnect

1. Select , Shure MXA920 (Coordinate), 1 tab for each microphone.
  - A. Enter Microphone's IP.
  - B. Select trigger time (this is how long a person should talk in a zone for camera preset to be triggered).
  - C. Hit Apply.
  - D. Connect with toggle button.



# Defining Zones for Microphone 1



# Mapping camera and presets for microphone 1 Zones

**Device & Camera Mapping**

Mapping Qty. 128

Mic. Zone: -1

Zone number corresponds as set in zone setting

Zone No.	Primary Camera	Secondary Camera	Zone Setting
1	VC-TR60A(192.168.5.55)	Off	Preset No. 1: Continue Tracking
2	VC-TR60-Dant(192.168.5.56)	Off	Preset No. 2: Off
3	noraVC-A61P(192.168.5.54)	Off	Preset No. 3: Off
4	noraVC-A61P(192.168.5.54)	Off	Preset No. 4: Off
5	Off	Off	5: Off
6	Off	Off	6: Off
7	Off	Off	7: Off
8	Off	Off	8: Off

Assingn camera and preset per zone

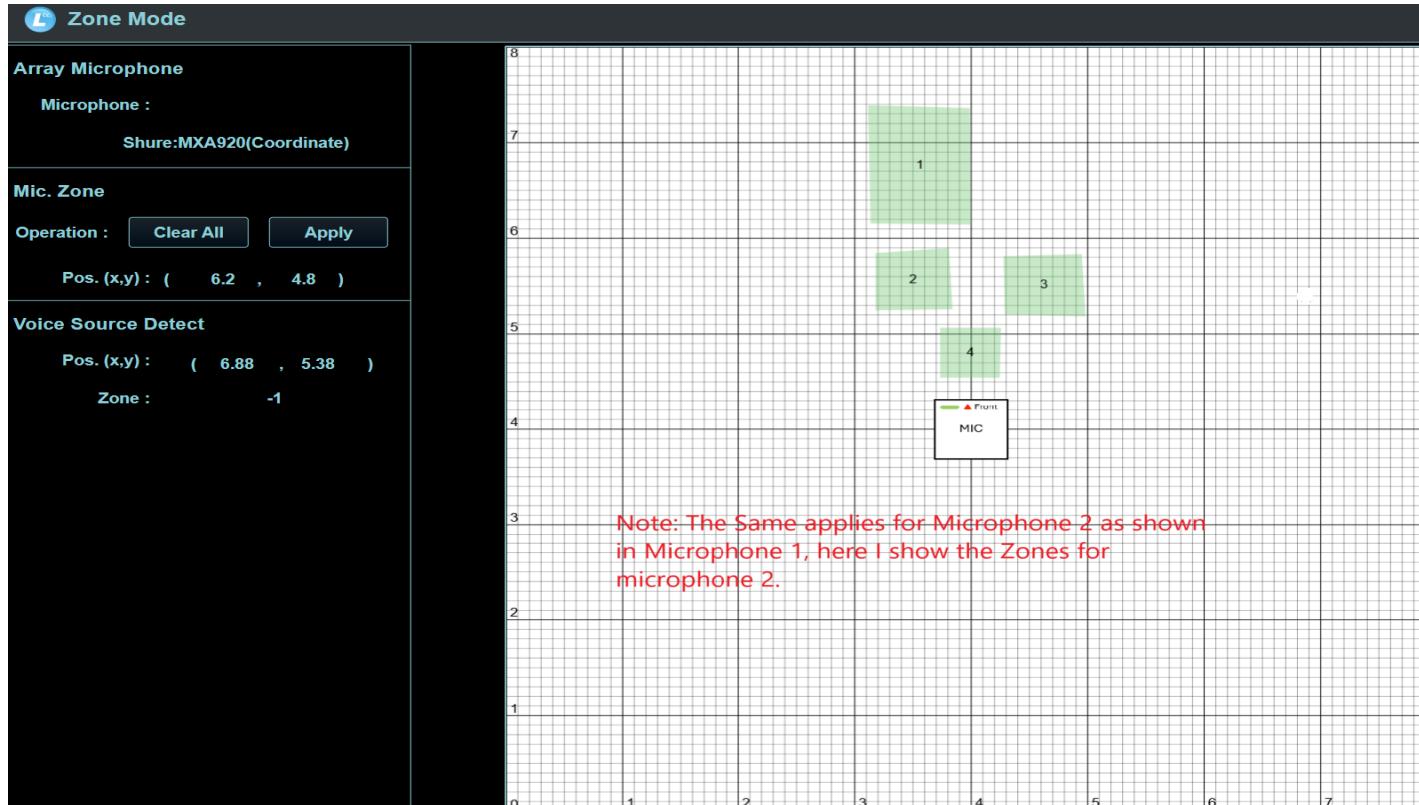
Important! Hit apply after mapping each camera and preset per zone or when making changes.

**Zone Setting**

**AI Setting**

Apply Cancel

# Defining Zones for Microphone 2



# Mapping camera and presets for microphone 2 Zones

**Device & Camera Mapping**

Mapping Qty. 128

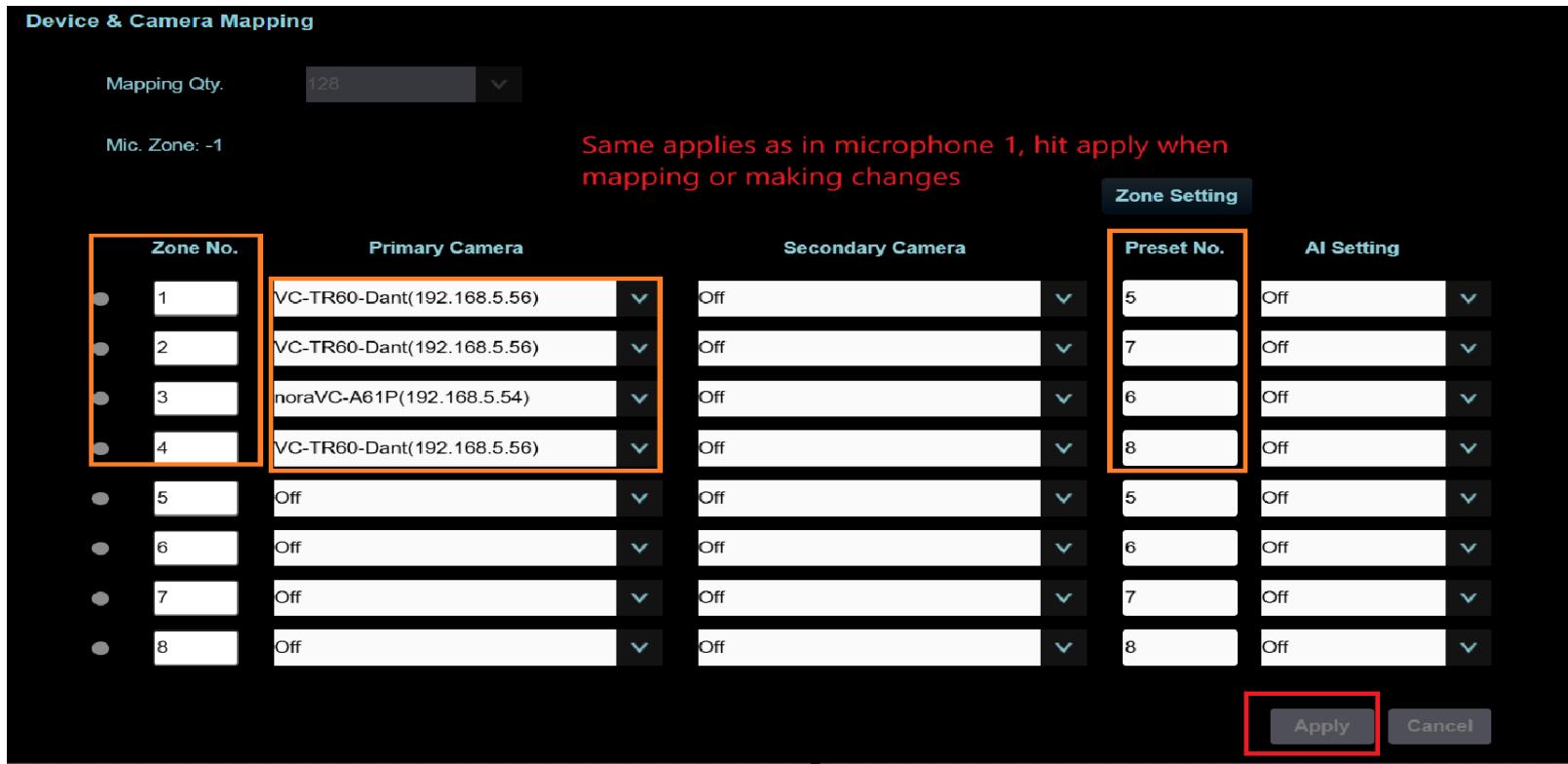
Mic. Zone: -1

Same applies as in microphone 1, hit apply when mapping or making changes

Zone No.	Primary Camera	Secondary Camera	Preset No.	AI Setting
1	VC-TR60-Dant(192.168.5.56)	Off	5	Off
2	VC-TR60-Dant(192.168.5.56)	Off	7	Off
3	noravaC-A61P(192.168.5.54)	Off	6	Off
4	VC-TR60-Dant(192.168.5.56)	Off	8	Off
5	Off	Off	5	Off
6	Off	Off	6	Off
7	Off	Off	7	Off
8	Off	Off	8	Off

**Zone Setting**

Apply Cancel



# Microphone 1 and 2 confirmation

Orange LED

**Microphone Setting**      **Array Microphone Numbers** 2      **Voice Tracking**  ⓘ

1.Shure:MXA920(Coordinate) 2.Shure:MXA920(Coordinate)      voice tracking is off

**Array Microphone**

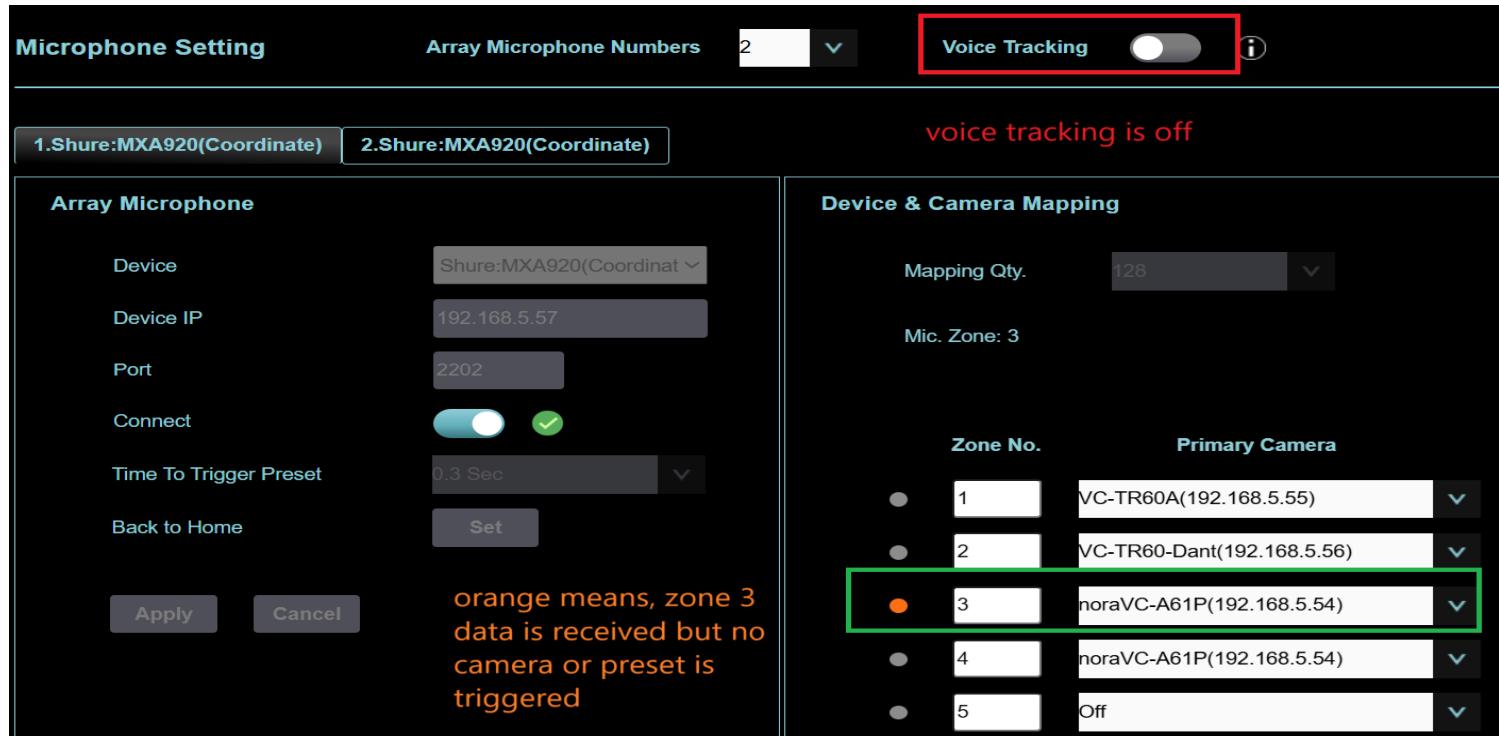
Device	Shure:MXA920(Coordinat
Device IP	192.168.5.57
Port	2202
Connect	<input checked="" type="checkbox"/> <span>✓</span>
Time To Trigger Preset	0.3 Sec
Back to Home	<b>Set</b>

**Device & Camera Mapping**

Zone No.	Primary Camera
1	VC-TR60A(192.168.5.55)
2	VC-TR60-Dant(192.168.5.56)
3	<b>noraVC-A61P(192.168.5.54)</b>
4	noraVC-A61P(192.168.5.54)
5	Off

orange means, zone 3 data is received but no camera or preset is triggered

**Apply** **Cancel**



# Microphone 1 and 2 confirmation

Green LED

**Microphone Setting**      Array Microphone Numbers: 2      Voice Tracking:

1.Shure:MXA920(Coordinate)    2.Shure:MXA920(Coordinate)

**Array Microphone**

Device: Shure:MXA920(Coordinate)    Device IP: 192.168.5.57    Port: 2202    Connect:     Time To Trigger Preset: 0.3 Sec    Back to Home: Set

**Device & Camera Mapping**

Mapping Qty: 128    Mic. Zone: 3    Zone Setting

Zone No.	Primary Camera	Secondary Camera	Preset No.	AI Setting
1	VC-TR60A(192.168.5.55)	Off	1	Continue Tracking
2	VC-TR80-Dant(192.168.5.56)	Off	2	Off
3	noraVC-A61P(192.168.5.54)	Off	3	Off
4	noraVC-A61P(192.168.5.54)	Off	4	Off
5	Off	Off	5	Off
6	Off	Off	6	Off
7	Off	Off	7	Off
8	Off	Off	8	Off

Green LED means, trigger time is exceed and camera and preset is called to that Zone location

**Profile:** 1: Default

# Thank You!

[MyLumens.com](http://MyLumens.com)

Contact Lumens

