



Lumens MXA310 Table Array Microphone User Manual

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System Requirements

Operating System Requirements

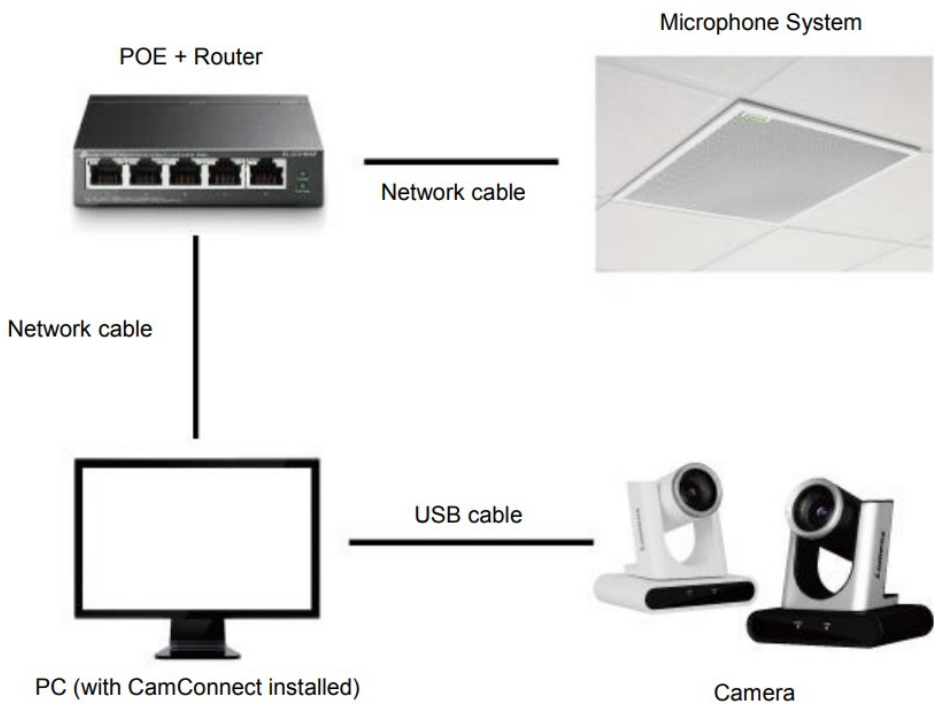
- Windows 10
- Windows 11

System Hardware Requirements

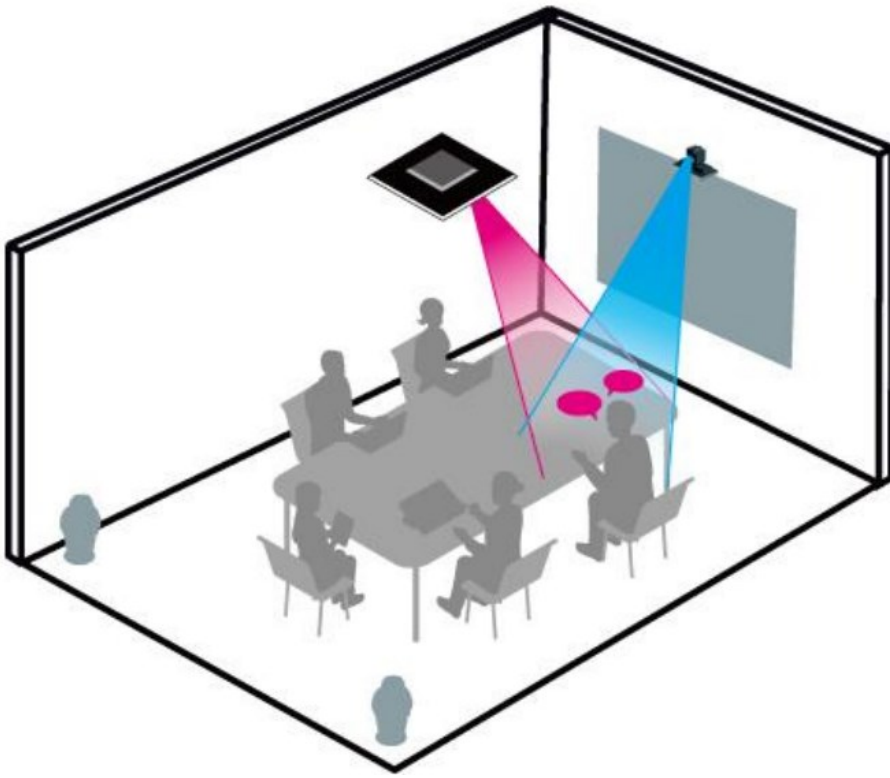
Item	Requirements
CPU	CPU: Intel i5 / i7 above
Memory	Memory: 4GB RAM
Free Disk Space	1GB Free Disk Space
Ethernet	Min Screen Resolution: 1920×1080

System Connection and Application

System Connection



Scenario



Support Devices

Shure

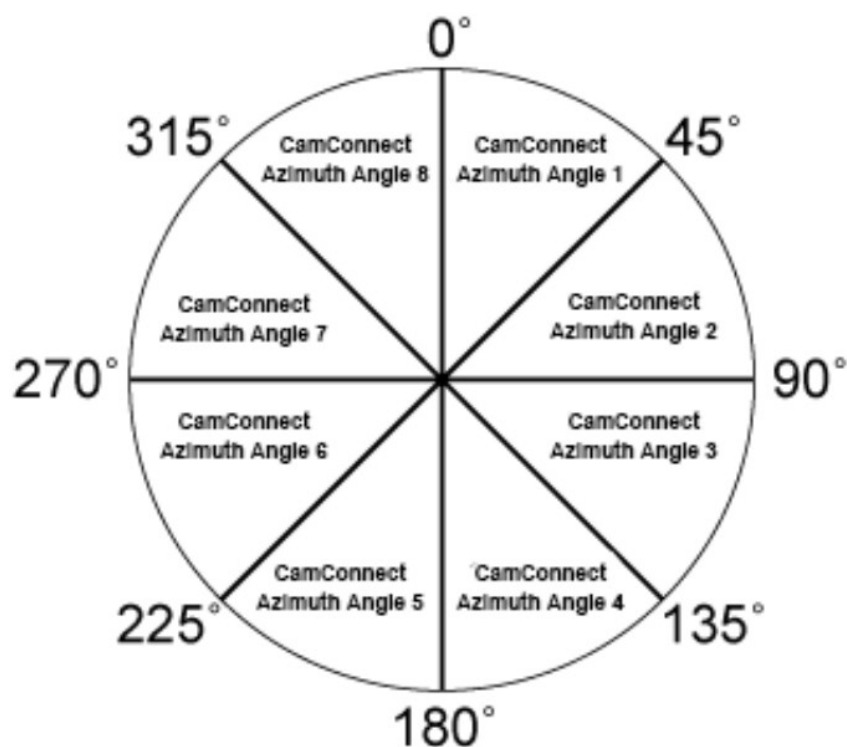
- Shure MXA310 Table Array Microphone
- Shure MXA910 Ceiling Array Microphone
- Shure MXA920 Ceiling Array Microphone

Sennheiser

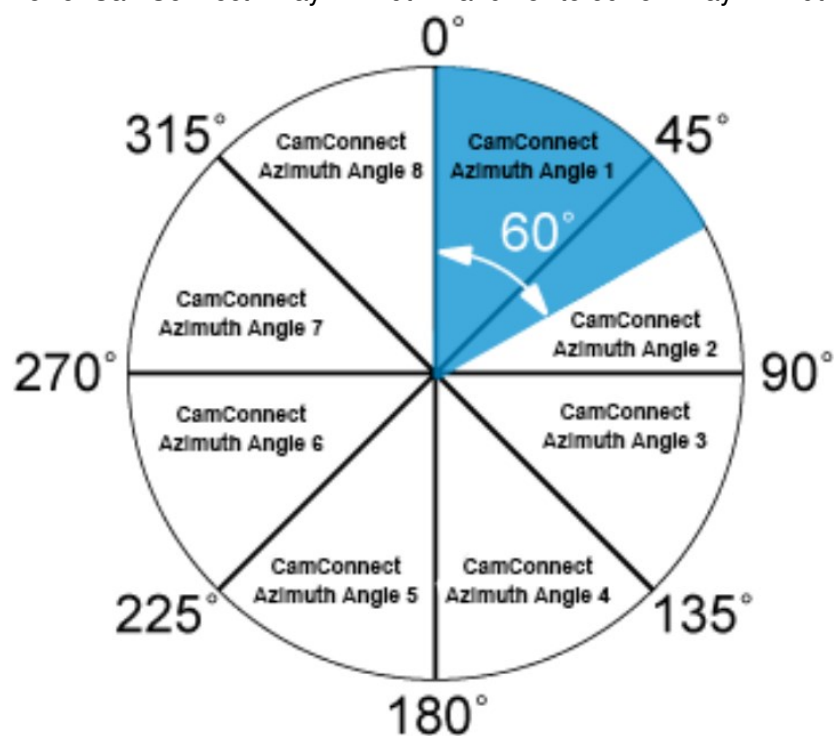
- Sennheiser Team Connect Ceiling 2 (TCC2) Ceiling Microphone

When using TCC2 with Cam Connect, please set and configure the channels on the Sennheiser Control Cockpit software first.

Cam Connect is divided into 8 equal parts according to Sennheiser's horizontal angle of view. They correspond to Cam Connect Array Azimuth 1 to 8.



If the forbidden area is enabled on the Sennheiser Control Cockpit software, the corresponding position of CamConnect will also be affected. Example: If the forbidden area is set to 0° to 60°, the audio signal from 0° to 45° of CamConnect Array Azimuth 1 and 45° to 60° of Array Azimuth 2 will be ignored.



Nureva

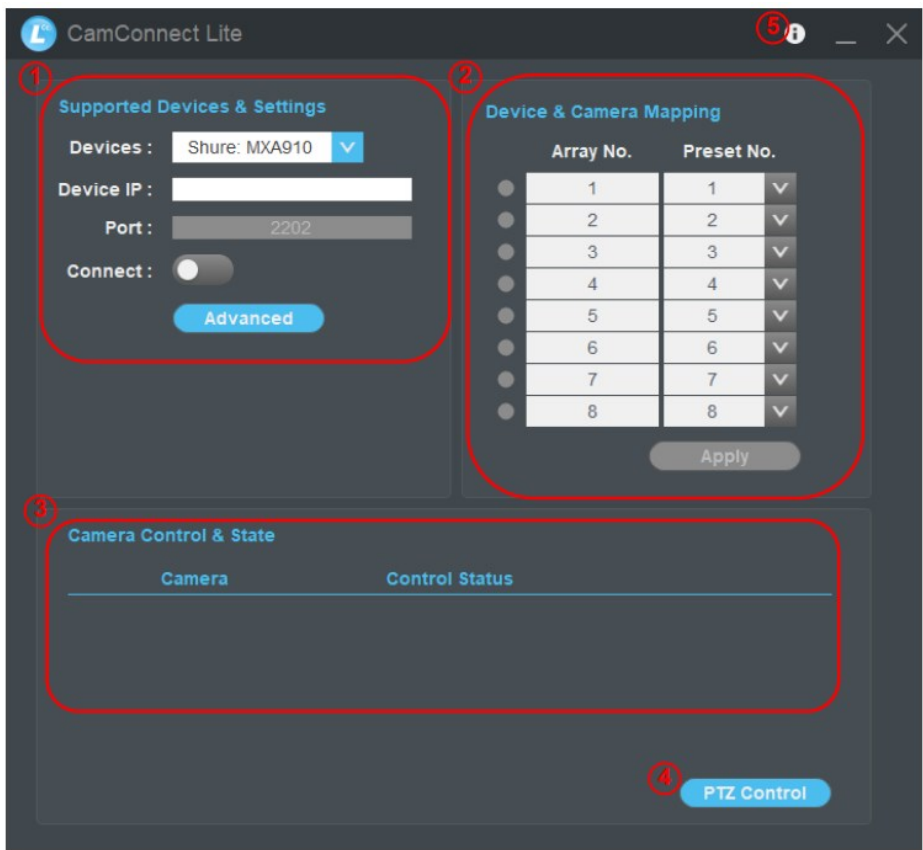
- HDL300 Audio Conferencing System

Yamaha

- Yamaha RM-CG Ceiling Array Microphone

Operation Interface Description

Main Screen




No	Item	Function Descriptions
1	Microphone Device	<p>Support Device:</p> <p>The following brands and models are supported</p> <ul style="list-style-type: none">Shure: MXA910_ MXA920_ MXA310Sennheiser: TCC2Nureva: HDL300Yamaha: RM-CG1 <p>Device IP: IP location of the microphone device</p> <p>Port:</p> <ul style="list-style-type: none">Shure: 2202Sennheiser: 45Nureva: 8931 <p>Connect: On/Off</p> <p>Advanced</p>

		<ul style="list-style-type: none">• Audio Trigger Level > dB: Triggered only if audio source exceeds the preset dB <Remark>For Sennhiser/ Nureva microphones only• Time To Trigger Preset: Capture sound delay setting. When the second point sound triggers, the call preset will be delayed based on the set second.• Back To Home Time: Back To Home Time setting. When there is no audio source input on site, reaching the set second will trigger back to Home.• Back To Home Position: Home Position setting <div><div><div><div><div><div></div><div>L^{cc}</div></div><div>CamConnect</div><div><div></div><div></div><div></div><div></div></div></div></div><div><div>Audio Trigger Level > dB :</div><div>55</div></div><div><div>Time to Trigger Preset :</div><div>3s</div><div>▼</div></div><div><div>Back to Home Time :</div><div>Off</div><div>▼</div></div><div><div>Back To Home Position :</div><div>Home</div><div>▼</div></div><div><div>Cancel</div><div>Apply</div></div></div></div>								
2	Preset setting	<p>After the microphone device is connected, the camera can be controlled to turn to the corresponding position according to the microphone detection position. There will be a green light at the front of the detection position.</p> <ul style="list-style-type: none">• Tally Light: Receive microphone signal or not (Green for Receive)• Array No.: For Shure microphones• Azimuth Angle: For Sennheiser/ Nureva/ Yamaha microphones Angle can be adjusted manually; Click [Apply] when completed								
3	Searching	<p>The connected USB cameras will be displayed</p> <p>When disconnected, click [Connect] to connect the camera and perform PTZ control.</p> <table><tr><th>Model Name</th><th>Connected</th></tr><tr><td>VC-R30,V1</td><td>Connect</td></tr></table> <p>When connected, click [Disconnect] to stop the connection.</p> <table><tr><th>Model Name</th><th>Connected</th></tr><tr><td>VC-R30,V1</td><td>Disconnect</td></tr></table>	Model Name	Connected	VC-R30,V1	Connect	Model Name	Connected	VC-R30,V1	Disconnect
Model Name	Connected									
VC-R30,V1	Connect									
Model Name	Connected									
VC-R30,V1	Disconnect									
4	PTZ Control	Click to enable PTZ controlRefer to 4.2 PTZ Control for function description								

5	About	Displaying software version information For technical support, please scan the QR code on the page for assistance
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PTZ Contro



No	Item	Function Descriptions
1	Preview window	Display the screen currently captured by the camera
2	L/R Direction	L/R Direction / Normal
3	Mirror / Flip	Set image mirroring/ flip
4	Pan/Tilt/Home	Adjust the Pan/Tilt position of the camera screen Click [Home] key
5	Preset setting	Click the number keys directly to call the preset <ul style="list-style-type: none"> • Save preset: Click [Set] first and then a number key • Clear preset: Click  first and then a number key
6	AF/MF	Switch to Auto Focus/Manual Focus. Focus can be adjusted in Manual.
7	Zoom	Zoom In/ Zoom Out ratio
8	Exit	Exit the PTZ Control page

Troubleshooting

This chapter describes problems you may encounter while using Lumens CamConnect. If you have questions, please refer to related chapters and follow all the suggested solutions. If the problem still occurred, please contact your distributor or the service center.

NO	Problems	Solutions
1	Unable to search camera devices	<ol style="list-style-type: none"> 1. Check the power supply of camera or PoE power supply is stable 2. Make sure the PC is connected to the camera with the USB cable 3. Replace the cables and make sure they are not faulty
2	No response from the microphone detection position	Make sure the microphone device is connected (Link)
3	When using with a Sennhesier microphone, no response at the specific angle	<ol style="list-style-type: none"> 1. Make sure the Azimuth Angle settings in the Cam Connect software include that angle position 2. Make sure if the angle is set as the forbidden area on Sennhesier Control Cockpit software. Refer to 3.2 Sennhesier Microphone System for details.

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