



Welcome to Inogeni CAMTRACK

Inogeni CAMTRACK provides two independent instances of the application. You can access them below using secure HTTPS (default), which uses a self-signed certificate. Your browser may display a warning because the certificate is not from a trusted authority – you can safely proceed. Also, note that when using HTTPS, all embedded content (such as live streams from PTZ cameras) must also be served over HTTPS to be displayed correctly. This is a browser security measure to avoid mixed content. In trusted environments, unencrypted HTTP can be used instead.

Application Slot 1 – <https://192.168.60.51:8881/dashboard>

Application Slot 2 – <https://192.168.60.51:8882/dashboard>

☐ Use unencrypted HTTP instead (not recommended)

How to confirm the certificate warning in your browser:

- **Chrome / Edge:** Click "Advanced" and then "Proceed to site (unsafe)".
- **Firefox:** Click "Advanced" and then "Accept the Risk and Continue".
- **Safari:** Confirm the warning, and you may be prompted to trust the certificate.

- 
- 
- 
- 
- 
- 

START DASHBOARD



About



CAMTRACK - Microphone Camera Controller - Standard Edition

CAMTRACK-J3lu - Serial Number: CTX5410006
Application Slot 1

Setup Assistant



EN: Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

▶ START

Provides essential configuration steps for the Shure MXA920 microphone array, integration and control setup for two PTZ cameras, and video stream routing with the CAMTRACK NDI Router to optimize system performance.

Configuration Devices



Supported Shure Devices:
MXA920, MXA901, MXA910, MXA710, MXA310, INTELLIMIX® P300,
INTELLIMIX® ROOM SOFTWARE, ANIUSB-MATRIX, MXCW,
MXW, MXW next, MXA MUTE

Select Number of Shure Microphones or DSPs

1 Microphone / DSP

Supported Camera Devices:
Canon PTZ cameras (XC protocol), Panasonic PTZ cameras (HTTP
protocol), Sony and other PTZ cameras (VISCA-IP protocol), Vaddio PTZ
cameras (Telnet protocol)

Select Number of PTZ Cameras

3 Cameras

Global Presets



Description preset 1
Standard Room_3 Cameras

SAVE

DELETE

✓ LAST RECALLED

Description preset 2
Classroom_Presenter tracking camera

SAVE

DELETE

RECALL

Description preset 3
Test 12 Zones

SAVE

DELETE

RECALL

Description preset 4
MXA710_Ceiling

SAVE

DELETE

RECALL

Description preset 5
MXA902

SAVE

DELETE

RECALL

Description preset 6
NDI Router 2 cameras

SAVE

DELETE

RECALL

Description preset 7
Standard Room_3 Cameras MXA901

✓ LAST SAVED

DELETE

RECALL

Description preset 8

SAVE

DELETE

RECALL

Description preset 9

SAVE

DELETE

RECALL

Description preset 10

SAVE

DELETE

RECALL

Startup Preset



Startup Preset - Select a preset you want to load at startup:

none



About ⓘ

CAMTRACK - Microphone Camera Controller - Standard Edition

CAMTRACK-J3lu - Serial Number: CTX5410006

Application Slot 1

Setup Assistant ⓘ

Launch Wizard ▾ ▶ START

Configuration Devices ⓘ

Supported Shure Devices: MXA920, MXA901, MXA810, MXA710, MXA310, INTELLIMIX® P300, INTELLIMIX® ROOM SOFTWARE, ANIUSB-MATRIX, MXCW, MXW, MXW next, MXA MUTE

Select Number of Shure Microphones or DSPs

1 Microphone / DSP ▾

Supported Camera Devices: Canon PTZ cameras (XC protocol), Panasonic PTZ cameras (HTTP protocol), Sony and other PTZ cameras (VISCA-IP protocol), Vaddio PTZ cameras (Telnet protocol)

Select Number of PTZ Cameras

3 Cameras ▾

Global Presets ⓘ

Description preset 1 Standard Room_3 Cameras	SAVE	DELETE	✓ LAST RECALLED
Description preset 2 Classroom_Presenter tracking camera	SAVE	DELETE	RECALL
Description preset 3 Test 12 Zones	SAVE	DELETE	RECALL
Description preset 4 MXA710_Ceiling	SAVE	DELETE	RECALL
Description preset 5 MXA902	SAVE	DELETE	RECALL
Description preset 6 NDI Router 2 cameras	SAVE	DELETE	RECALL
Description preset 7 Standard Room_3 Cameras MXA901	✓ LAST SAVED	DELETE	RECALL
Description preset 8	SAVE	DELETE	RECALL
Description preset 9	SAVE	DELETE	RECALL
Description preset 10	SAVE	DELETE	RECALL

Startup Preset ⓘ

Startup Preset - Select a preset you want to load at startup: none ▾

Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 1:

- Select 1 Microphone / DSP for the Shure MXA920 from the dropdown.
- Select 2 Cameras for the 2 PTZ Cameras from the other dropdown.

◀ Prev Next ▶ ⌂ Resume ⌂ Exit

Step 1 of 22

Duration: estimated 15 minutes



Recommended External Settings for Audio Devices ⓘ

To ensure proper integration with the CAMTRACK, it is recommended to configure your Shure audio devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

Connection Audio Device 1 ⓘ

Description
MXA920

IP address
192.168.60.71

Device model
MXA920-S

Device name
MXA920-PRO-AV

Mute ☐ Data In ☐ Data Out ☐

🔊 CONNECTION FOUND -- CLICK TO PING

Data Processing Off / On ☐

Audio Off / On ☐

Mic Channel Count 6 Channels ▾

Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 2:

- Enter the IP address of the MXA920.
- After a few seconds, the IP button will indicate connection and automatically fill in device model and name with the microphone data.
- Ensure that the displayed device model matches your connected microphone to verify a correct connection.
- When the connection is correct, the Data In LED should occasionally light up green.

← Prev

Next →

⏮ Resume

Exit →

Step 2 of 22

Duration: estimated 15 minutes



Recommended External Settings for Audio Devices ⓘ

To ensure proper integration with the CAMTRACK, it is recommended to configure your Shure audio devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

Connection Audio Device 1 ⓘ

Description
MXA920

IP address
192.168.60.71

Device model
MXA920-S

Device name
MXA920-PRO-AV

Mute ☐ Data In ☐ Data Out ☐

🔊 CONNECTION FOUND -- CLICK TO PING

Data Processing Off / On ☒

Audio Off / On ☒

Mic Channel Count 6 Channels ▾

Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 3:

- Now select the number of microphone channels using the dropdown located at the bottom right.
- If you use the automixer trigger from microphone lobes or coverage areas, select the number of configured lobes or areas.
- If you want to use the microphones XYZ data, select as many microphone channels as the number of people or groups you want to distinguish.

← Prev

Next →

⏮ Resume

Exit →

Step 3 of 22
Duration: estimated 15 minutes



Recommended External Settings for Camera Devices

To ensure proper integration with the CAMTRACK, it is recommended to configure your PTZ camera devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the Info button for more details.

LED Tally Light

No Tally LED Active

Camera Status LED

Status LED ON

Connection Camera Device 1

Description

Logitech Rally Bar

Data In

Data Out

IP address

NO IP ADDRESS

Username

Data Processing Off / On

Password

VISCA over IP (preset 1) for other PTZs



AF



Preset 1

RECALL

Speed 100%

SAVE

Connection Camera Device 2

Description

Minrray camera

Data In

Data Out

IP address

192.168.60.62

CONNECTION FOUND -- CLICK TO PING

Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Connection Camera Device 3

Description

HDMI PTZ Optics

Data In

Data Out

IP address

192.168.60.63

CONNECTION FOUND -- CLICK TO PING

Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 4:

- Enter the IP address of the first camera.
- The IP button will confirm connection once established.
- For some camera models, you may need to enter a username and password. This is often optional or not required.

← Prev

Next →

⏮ Resume

Exit →

Step 4 of 22

Duration: estimated 15 minutes



Recommended External Settings for Camera Devices

To ensure proper integration with the CAMTRACK, it is recommended to configure your PTZ camera devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

LED Tally Light

No Tally LED Active

Camera Status LED

Status LED ON

Connection Camera Device 1

Description

Logitech Rally Bar

Data In

Data Out

IP address

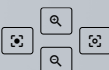
NO IP ADDRESS

Username

Data Processing Off / On

Password

VISCA over IP (preset 1) for other PTZs



AF



Preset 1

RECALL

Speed 100%

SAVE

Connection Camera Device 2

Description

Minrray camera

Data In

Data Out

IP address

192.168.60.62

CONNECTION FOUND -- CLICK TO PING

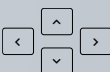
Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Connection Camera Device 3

Description

HDMI PTZ Optics

Data In

Data Out

IP address

192.168.60.63

CONNECTION FOUND -- CLICK TO PING

Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 5:

- On the right side, select the correct camera protocol. Most cameras support VISCA over IP, but for Canon, Panasonic, Sony or Vedio, use the manufacturer-specific protocol for full functionality.
- Once connected, check if the camera responds to the PTZ control buttons.
- Connection status can also be monitored via the Data In LED, which should light up green when the PTZ buttons are active.

Prev

Next

Resume

Exit

Step 5 of 22

Duration: estimated 15 minutes



Recommended External Settings for Camera Devices

To ensure proper integration with the CAMTRACK, it is recommended to configure your PTZ camera devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

LED Tally Light

No Tally LED Active

Camera Status LED

Status LED ON

Connection Camera Device 1

Description

Logitech Rally Bar

Data In

Data Out

IP address

NO IP ADDRESS

Username

Data Processing Off / On

Password

VISCA over IP (preset 1) for other PTZs



AF



Preset 1

RECALL

Speed 100%

SAVE

Connection Camera Device 2

Description

Minrray camera

Data In

Data Out

IP address

192.168.60.62

CONNECTION FOUND -- CLICK TO PING

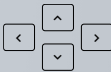
Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Connection Camera Device 3

Description

HDMI PTZ Optics

Data In

Data Out

IP address

192.168.60.63

CONNECTION FOUND -- CLICK TO PING

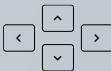
Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 6:

- Move the camera to the first desired position using the navigation controls.
- Use the autofocus button to focus, and select the highest PTZ speed (recommended).
- Choose a preset number to assign this camera position and click "SAVE". For clarity, it is advisable to start preset numbering at 1 (or 11) for position 1.

← Prev

Next →

⏮ Resume

Exit →

Step 6 of 22

Duration: estimated 15 minutes



Recommended External Settings for Camera Devices

To ensure proper integration with the CAMTRACK, it is recommended to configure your PTZ camera devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

LED Tally Light

No Tally LED Active

Camera Status LED

Status LED ON

Connection Camera Device 1

Description

Logitech Rally Bar

Data In

Data Out

IP address

NO IP ADDRESS

Username

Data Processing Off / On

Password

VISCA over IP (preset 1) for other PTZs



AF



Preset 1

RECALL

Speed 100%

SAVE

Connection Camera Device 2

Description

Minrray camera

Data In

Data Out

IP address

192.168.60.62

CONNECTION FOUND -- CLICK TO PING

Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Connection Camera Device 3

Description

HDMI PTZ Optics

Data In

Data Out

IP address

192.168.60.63

CONNECTION FOUND -- CLICK TO PING

Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF



Preset 2

RECALL

Speed 100%

SAVE

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 7:

- Repeat the process for 23 additional positions or room views.
- You can complete or adjust all presets later at your convenience.
- Tip:** We recommend using autofocus only temporarily for focusing and disabling it before saving. This allows the camera to reach its position faster without unnecessary AF corrections.

Prev

Next

Resume

Exit

Step 7 of 23

Duration: estimated 15 minutes



Recommended External Settings for Camera Devices

To ensure proper integration with the CAMTRACK, it is recommended to configure your PTZ camera devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

LED Tally Light

No Tally LED Active

Camera Status LED

Status LED ON

Connection Camera Device 1

Description

Logitech Rally Bar

Data In

Data Out

IP address

NO IP ADDRESS

Username

Data Processing Off / On

Password

VISCA over IP (preset 1) for other PTZs



AF

Speed 100%

Preset 1

RECALL

Speed 100%

SAVE

Connection Camera Device 2

Description

Minrray camera

Data In

Data Out

IP address

192.168.60.62

CONNECTION FOUND -- CLICK TO PING

Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF

Speed 100%

Preset 2

RECALL

Speed 100%

SAVE

Connection Camera Device 3

Description

HDMI PTZ Optics

Data In

Data Out

IP address

192.168.60.63

CONNECTION FOUND -- CLICK TO PING

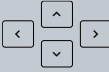
Username

admin

Data Processing Off / On

Password

VISCA over IP (preset 0) for other PTZs



AF

Speed 100%

Preset 2

RECALL

Speed 100%

SAVE

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 8:

- Repeat the same setup steps for the second camera.
- Enter the IP address, check PTZ control, set focus and movement speed, and save 23 preset positions.
- Use the same preset numbers as for the first camera to maintain a consistent mapping of room positions across both cameras.

Prev

Next

Resume

Exit

Step 8 of 23

Duration: estimated 15 minutes



Recommended External Settings for Switcher Devices

To ensure proper integration with the CAMTRACK, it is recommended to configure your switcher devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the Info button for more details.

Connection Switcher Device

Description
PROAV CAM300

IP address
192.168.60.60

Username

Password

Data In

Data Out

CONNECTION FOUND -- CLICK TO PING

Data Processing Off / On

Inogeni CAM300

Switcher Input
Count

3 Inputs

Switcher Output
Number

Output 1

Switcher Input 1

ACTIVATE

Connected with Camera Device 1

Activation Delay 0ms

Data Out

STACKCONTROL-J3IU (Video Routing 1)

Q NDI®

Switcher Input 2

ACTIVATE

Connected with Camera Device 2

Activation Delay 600ms

Data Out

OFFICE (AVer_NDI_Camera)

Q NDI®

Switcher Input 3

ACTIVATE

Connected with Camera Device 3

Activation Delay 600ms

Data Out

Q NDI®

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 8:

- Enter the IP address of the video switcher device. Since this wizard uses the CAMTRACK NDI Router, which runs as an NDI application on the same device, you can enter the local IP address 127.0.0.1.
- The IP button will confirm connection once established.
- Username and password are not required for this video switcher device type.

← Prev

Next →

⏮ Resume

Exit →

Step 8 of 22

Duration: estimated 15 minutes



Recommended External Settings for Switcher Devices



To ensure proper integration with the CAMTRACK, it is recommended to configure your switcher devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

Connection Switcher Device



Description
PROAV CAM300

IP address
192.168.60.60

Username

Password

Data In

Data Out

CONNECTION FOUND -- CLICK TO PING

Data Processing Off / On

Inogeni CAM300

Switcher Input
Count

3 Inputs

Switcher Output
Number

Output 1

Switcher Input 1



ACTIVATE

Connected with Camera Device 1

Activation Delay 0ms

Data Out

STACKCONTROL-J3IU (Video Routing 1)

NDI®

Switcher Input 2



ACTIVATE

Connected with Camera Device 2

Activation Delay 600ms

Data Out

OFFICE (AVer_NDI_Camera)

NDI®

Switcher Input 3



ACTIVATE

Connected with Camera Device 3

Activation Delay 600ms

Data Out

NDI®

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 10:

- Select the number of switcher inputs. Since this wizard is designed for 2 NDI cameras, select 2 inputs.
- A separate panel will appear below for each switcher input.

← Prev

Next →

⏮ Resume

Exit →

Step 10 of 23

Duration: estimated 15 minutes



Recommended External Settings for Switcher Devices



To ensure proper integration with the CAMTRACK, it is recommended to configure your switcher devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

Connection Switcher Device



Description

PROAV CAM300

Data In



Data Out



IP address

192.168.60.60

🔗 CONNECTION FOUND -- CLICK TO PING

Username

Password

Data Processing Off / On



Inogeni CAM300

Switcher Input

Count

3 Inputs

Switcher Output

Number

Output 1

Switcher Input 1



ACTIVATE

Connected with

Camera Device 1

Activation Delay

0ms

Data Out

STACKCONTROL-J3IU (Video Routing 1)

Q NDI®

Switcher Input 2



ACTIVATE

Connected with

Camera Device 2

Activation Delay

600ms

Data Out

OFFICE (AVer_NDI_Camera)

Q NDI®

Switcher Input 3



ACTIVATE

Connected with

Camera Device 3

Activation Delay

600ms

Data Out

Q NDI®

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 11:

- In the "Connected with" dropdown, select the correct camera number that is physically connected to this switcher input (e.g., Camera Device 1).
- To do this, click the NDI "Search" button to assign the correct NDI stream name.
- The NDI button opens a new window showing a list of all NDI sources found in the same network.
- Make sure that NDI functionality is enabled on the cameras only NDIv4X is supported.

← Prev

Next →

⏮ Resume

⏭ Exit

Step 11 of 22

Duration: estimated 15 minutes



Recommended External Settings for Switcher Devices

To ensure proper integration with the CAMTRACK, it is recommended to configure your switcher devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

Connection Switcher Device

Description
PROAV CAM300

IP address
192.168.60.60

Username

Password

Data In



Data Out



🔗 CONNECTION FOUND -- CLICK TO PING

Data Processing Off / On



Inogeni CAM300

Switcher Input
Count

3 Inputs

Switcher Output
Number

Output 1

Switcher Input 1

ACTIVATE

Connected with

Camera Device 1

Activation Delay

0ms

Data Out



STACKCONTROL-J3IU (Video Routing 1)

Q NDI®

Switcher Input 2

ACTIVATE

Connected with

Camera Device 2

Activation Delay

600ms

Data Out



OFFICE (AVer_NDI_Camera)

Q NDI®

Switcher Input 3

ACTIVATE

Connected with

Camera Device 3

Activation Delay

600ms

Data Out



Q NDI®

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 12:

- The "Activation Delay" setting normally remains on "Auto".
- If the PTZ camera model does not send a confirmation command after moving to a new preset position, you can set a fixed delay time here.
- This delay defines how long the system waits between the camera preset recall and the activation of the related switcher input.

← Prev

Next →

⏮ Resume

⏭ Exit

Step 12 of 22

Duration: estimated 15 minutes



Recommended External Settings for Switcher Devices



To ensure proper integration with the CAMTRACK, it is recommended to configure your switcher devices with the optimal settings. These settings are necessary for smooth operation and optimal performance. Please check the info button for more details.

Connection Switcher Device



Description
PROAV CAM300

IP address
192.168.60.60

Username

Password

Data In



Data Out



🔗 CONNECTION FOUND -- CLICK TO PING

Data Processing Off / On



Inogeni CAM300

Switcher Input
Count

3 Inputs

Switcher Output
Number

Output 1

Switcher Input 1



ACTIVATE

Connected with Camera Device 1

Activation Delay 0ms

Data Out



STACKCONTROL-J3IU (Video Routing 1)

Q NDI®

Switcher Input 2



ACTIVATE

Connected with Camera Device 2

Activation Delay 600ms

Data Out



OFFICE (AVer_NDI_Camera)

Q NDI®

Switcher Input 3



ACTIVATE

Connected with Camera Device 3

Activation Delay 600ms

Data Out



Q NDI®

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 13:

- Now proceed to Input 2 and configure the appropriate settings for the second switcher input.
- Ensure that you select the correct camera in the "connected with" dropdown and verify all other parameters as done for Input 1.
- Using the "ACTIVATE" buttons triggers a switch of the inputs, which you can monitor, for example, with the NDI Studio Monitor.

← Prev

Next →

⏮ Resume

⏹ Exit

Step 13 of 22

Duration: estimated 15 minutes



Channel Table Setup

Channel Simulator

Channel ID	Channel Description		Activity			Speed	Active	Condition	Priority	Cam A		Cam B		Cam C		Auto Track
	Location	Name	On/Off	Audio	Reservation					No.	Recall	Preset	No.	Recall	Preset	
▼ No Microphone Active (1 item)																
0	Front view	Connection to main camera	On	●	●	8	●		☆☆☆☆	1	●	1	-	●	-	-
▼ Far End Channel Active (1 item)																
1	Front view	Front view	On	●	●	8	●		☆☆☆☆	1	●	1	-	●	-	-
▼ 2 Or More Channels Active (1 item)																
2	Front view	Front view	On	●	●	7	●		☆☆☆☆	1	●	1	-	●	-	-
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)																
101	Seat 1-2		On	●	●	10	●		☆☆☆☆	2	●	1	1	●	10	-
102	Seat 3-4		On	●	●	10	●		☆☆☆☆	2	●	2	1	●	10	-
103	Seat 5		On	●	●	10	●		☆☆☆☆	3	●	4	2	●	4	-
104	Seat 6-7		On	●	●	10	●		☆☆☆☆	3	●	1	1	●	10	-
105	Seat 8-9		On	●	●	10	●		☆☆☆☆	3	●	2	1	●	10	-
106	Presenter		Off	●	●	10	●		☆☆☆☆	1	●	10	-	-	-	-

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic

5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™

Show or Hide the Individual Coverage Zone Editor

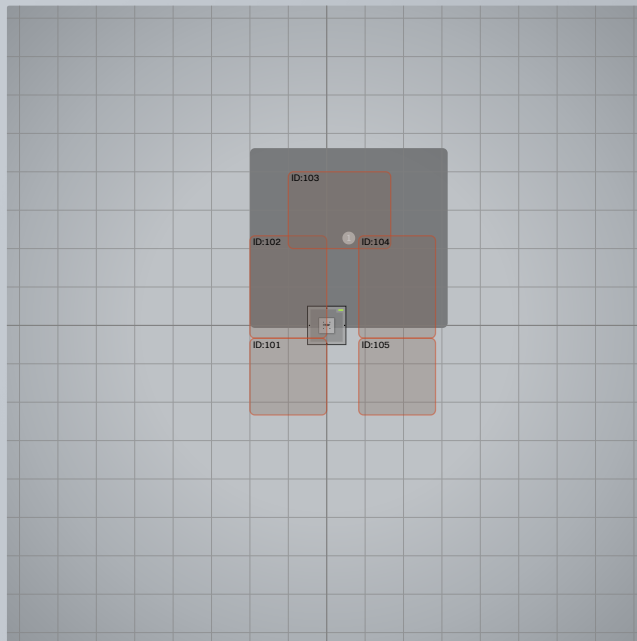
Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...



Camera Logic

Camera Rotation Mode

Priority to Cam A (Not for Channels 0-2)

Time after 6s

Channel Selection Mode

Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Presets Recalls

2.5s

Additional Delay Times "No Microphone Active"

pre-event 5.0s

post-event 2.5s

Additional Delay Times "Far End Channel Active"

pre-event 4.0s

post-event 4.0s

Additional Delay Times "2 Or More Channels Active"

pre-event 4.0s

post-event 4.0s

Settings Far End Channel

Select an audio device for Far End signal

Audio Device 1

Select an audio channel

MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted



Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 14:

- Now we come to the panel where you configure the settings for different conference situations and microphone channels.
- The first columns Channel ID, Location, Name, and On/Off can initially be left as they are.
- They can be edited as needed for better orientation, or the respective channel can be deactivated.

< Prev

Next >

Resume

Exit

Step 14 of 22

Duration: estimated 15 minutes



Channel Table Setup														Channel Simulator		Auto Track
Channel ID	Channel Description		Activity					Priority	Cam A		Cam B		Cam C			
	Location	Name	On/Off	Audio	Reservation	Speed	Active		Condition	No. Recall	Preset	No. Recall	Preset	No. Recall	Preset	
▼ No Microphone Active (1 item)																
0	Front view	Connection to main camera	On			8					1		1	-	-	-
▼ Far End Channel Active (1 item)																
1	Front view	Front view	On			8					1		1	-	-	-
▼ 2 Or More Channels Active (1 item)																
2	Front view	Front view	On			7					1		1	-	-	-
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)																
101	Seat 1-2		On			10					2		1	1	10	-
102	Seat 3-4		On			10					2		2	1	10	-
103	Seat 5		On			10					3		4	2	4	-
104	Seat 6-7		On			10					3		1	1	10	-
105	Seat 8-9		On			10					3		2	1	10	-
106	Presenter		Off			10					1		10	-	-	-

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic

5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™

Show or Hide the Individual Coverage Zone Editor

Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...

Camera Logic

Camera Rotation Mode

Priority to Cam A (Not for Channels 0-2)

Time

after 6s

Channel Selection Mode

Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Preset Recalls

2.5s

Additional Delay Times "No Microphone Active"

pre-event

5.0s

post-event

2.5s

Additional Delay Times "Far End Channel Active"

pre-event

4.0s

post-event

4.0s

Additional Delay Times "2 Or More Channels Active"

pre-event

4.0s

post-event

4.0s

Settings Far End Channel

Select an audio device for Far End signal

Audio Device 1

Select an audio channel

MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted

Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 15:

- The dark dots indicate microphone activity and the logic state of camera tracking.
- Each On/Off command from the MXA920 is shown in the "Audio" column.
- "Reservation" holds activity briefly after speaking ends, while "Speed" controls how quickly a channel becomes "Active".
- Each channel is weighted; the longer the "Audio" LED stays on, the more influence it gains. Weighting decreases during pauses.

[< Prev](#)[Next >](#)[Resume](#)[Exit](#)

Step 15 of 22

Duration: estimated 15 minutes



Channel Table Setup

Channel Simulator

Channel ID	Channel Description		Activity			Priority	Cam A		Cam B		Cam C		Auto Track				
	Location	Name	On/Off	Audio	Reservation		Speed	Active	Condition	No. Recall	Preset	No. Recall		Preset	No. Recall	Preset	
▼ No Microphone Active (1 item)																	
0	Front view	Connection to main camera	On	●	●	8	●	☆☆☆☆	1	●	1	-	●	-	●	-	
▼ Far End Channel Active (1 item)																	
1	Front view	Front view	On	●	●	8	●	☆☆☆☆	1	●	1	-	●	-	●	-	
▼ 2 Or More Channels Active (1 item)																	
2	Front view	Front view	On	●	●	7	●	☆☆☆☆	1	●	1	-	●	-	●	-	
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)																	
101	Seat 1-2		On	●	●	10	●	☆☆☆☆	2	●	1	1	●	10	-	●	-
102	Seat 3-4		On	●	●	10	●	☆☆☆☆	2	●	2	1	●	10	-	●	-
103	Seat 5		On	●	●	10	●	☆☆☆☆	3	●	4	2	●	4	-	●	-
104	Seat 6-7		On	●	●	10	●	☆☆☆☆	3	●	1	1	●	10	-	●	-
105	Seat 8-9		On	●	●	10	●	☆☆☆☆	3	●	2	1	●	10	-	●	-
106	Presenter		Off	●	●	10	●	☆☆☆☆	1	●	10	-	●	-	●	-	

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic

5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™

Show or Hide the Individual Coverage Zone Editor

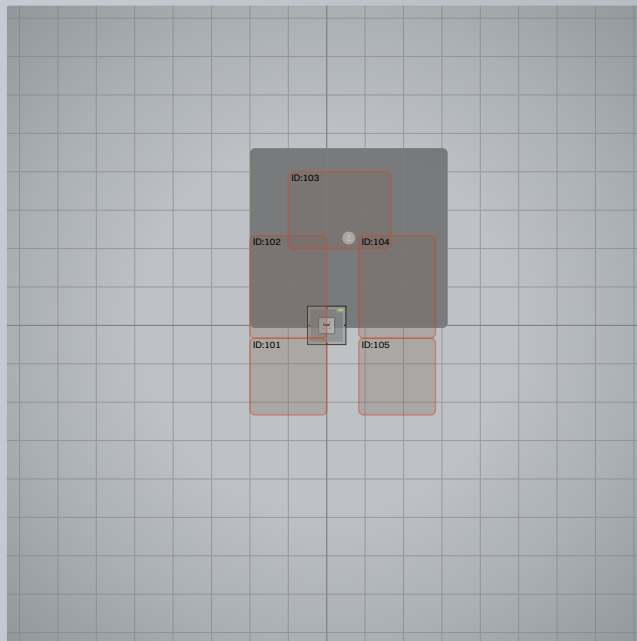
Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...



Camera Logic

Camera Rotation Mode

Priority to Cam A (Not for Channels 0-2)

Time after 6s

Channel Selection Mode

Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Preset Recalls

2.5s

Additional Delay Times "No Microphone Active"

pre-event 5.0s

post-event 2.5s

Additional Delay Times "Far End Channel Active"

pre-event 4.0s

post-event 4.0s

Additional Delay Times "2 Or More Channels Active"

pre-event 4.0s

post-event 4.0s

Settings Far End Channel

Select an audio device for Far End signal

Audio Device 1

Select an audio channel

MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted



Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 16:

- Set the "Speed" value to 8 for Channel 101.
- When prompted in the popup window, confirm that the same value should be applied to the following channels by clicking "YES".
- Seats with higher importance can be given increased priority using the "Priority" column.

Prev

Next

Resume

Exit

Step 16 of 22

Duration: estimated 15 minutes



Channel Table Setup

Channel Simulator

Channel ID	Channel Description		Activity			Speed	Active	Condition	Priority	Cam A		Cam B		Cam C		Auto Track
	Location	Name	On/Off	Audio	Reservation					No.	Recall	Preset	No.	Recall	Preset	
▼ No Microphone Active (1 item)																
0	Front view	Connection to main camera	On	●	●	8	●	●	●	●	1	●	1	●	●	●
▼ Far End Channel Active (1 item)																
1	Front view	Front view	On	●	●	8	●	●	●	●	1	●	1	●	●	●
▼ 2 Or More Channels Active (1 item)																
2	Front view	Front view	On	●	●	7	●	●	●	●	1	●	1	●	●	●
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)																
101	Seat 1-2		On	●	●	10	●	●	●	●	2	●	1	1	●	●
102	Seat 3-4		On	●	●	10	●	●	●	●	2	●	2	1	●	●
103	Seat 5		On	●	●	10	●	●	●	●	3	●	4	2	4	●
104	Seat 6-7		On	●	●	10	●	●	●	●	3	●	1	1	1	●
105	Seat 8-9		On	●	●	10	●	●	●	●	3	●	2	1	1	●
106	Presenter		Off	●	●	10	●	●	●	●	1	●	10	●	●	●

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic

5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™

Show or Hide the Individual Coverage Zone Editor

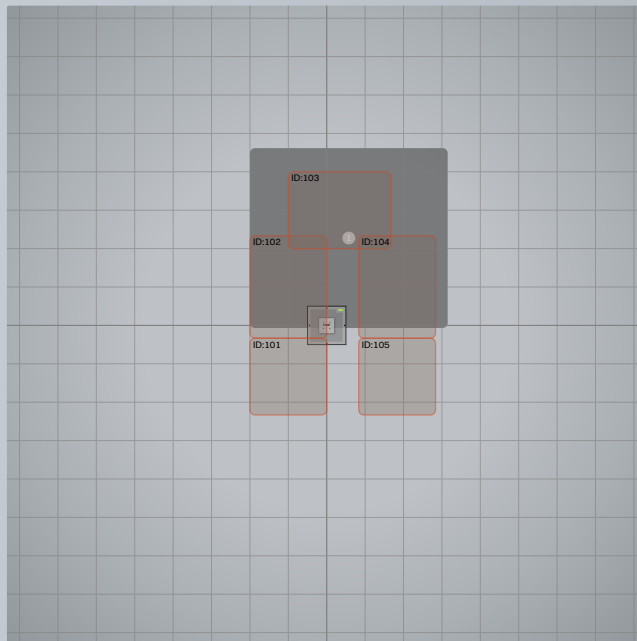
Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...



Camera Logic

Camera Rotation Mode

Priority to Cam A (Not for Channels 0-2)

Time after 6s

Channel Selection Mode

Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Preset Recalls

2.5s

Additional Delay Times "No Microphone Active"

pre-event 5.0s

post-event 2.5s

Additional Delay Times "Far End Channel Active"

pre-event 4.0s

post-event 4.0s

Additional Delay Times "2 Or More Channels Active"

pre-event 4.0s

post-event 4.0s

Settings Far End Channel

Select an audio device for Far End signal

Audio Device 1

Select an audio channel

MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted



Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 17:

- In the "Cam A" column under "No.", select the number of the first camera (1).
- Confirm the assignment for the following channels by clicking "YES" in the popup window.
- In the "Preset" column, enter the number of the first previously saved preset.
- Click "YES" in the popup window to automatically fill in the next preset numbers incrementally for the following channels (e.g., 18).

< Prev

Next >

Resume

Exit

Step 17 of 22

Duration: estimated 15 minutes



Channel Table Setup

Channel Simulator

Channel ID	Channel Description		Activity			Priority	Cam A		Cam B		Cam C		Auto Track				
	Location	Name	On/Off	Audio	Reservation		Speed	Active	Condition	No. Recall	Preset	No. Recall		Preset	No. Recall	Preset	
▼ No Microphone Active (1 item)																	
0	Front view	Connection to main camera	On	●	●	8	●	☆☆☆☆	1	●	1	-	●	-	-	●	-
▼ Far End Channel Active (1 item)																	
1	Front view	Front view	On	●	●	8	●	☆☆☆☆	1	●	1	-	●	-	-	●	-
▼ 2 Or More Channels Active (1 item)																	
2	Front view	Front view	On	●	●	7	●	☆☆☆☆	1	●	1	-	●	-	-	●	-
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)																	
101	Seat 1-2		On	●	●	10	●	☆☆☆☆	2	●	1	1	●	10	-	●	-
102	Seat 3-4		On	●	●	10	●	☆☆☆☆	2	●	2	1	●	10	-	●	-
103	Seat 5		On	●	●	10	●	☆☆☆☆	3	●	4	2	●	4	-	●	-
104	Seat 6-7		On	●	●	10	●	☆☆☆☆	3	●	1	1	●	10	-	●	-
105	Seat 8-9		On	●	●	10	●	☆☆☆☆	3	●	2	1	●	10	-	●	-
106	Presenter		Off	●	●	10	●	☆☆☆☆	1	●	10	-	●	-	-	●	-

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic

5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™

Show or Hide the Individual Coverage Zone Editor

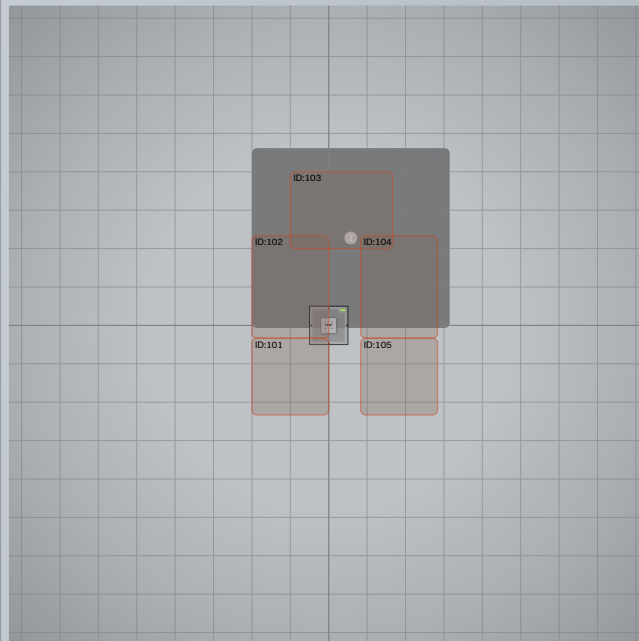
Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...



Camera Logic

Camera Rotation Mode

Priority to Cam A (Not for Channels 0-2)

Time after 6s

Channel Selection Mode

Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Presets Recalls

2.5s

Additional Delay Times "No Microphone Active"

pre-event 5.0s

post-event 2.5s

Additional Delay Times "Far End Channel Active"

pre-event 4.0s

post-event 4.0s

Additional Delay Times "2 Or More Channels Active"

pre-event 4.0s

post-event 4.0s

Settings Far End Channel

Select an audio device for Far End signal

Audio Device 1

Select an audio channel

MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted



Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 18:

- Repeat the same steps for the "Cam B" column, using the number of the second camera (2) and the corresponding preset numbers.
- The columns for "Cam C" can remain unchanged in this wizard, as the setup includes only two cameras.
- Make sure that the lobe or coverage area numbers in the MXA920 (18) match the correct presets and physical room positions.

← Prev

Next →

⌂ Resume

Exit

Step 18 of 22

Duration: estimated 15 minutes



Channel Table Setup

Channel Simulator

Channel ID	Channel Description		Activity		Priority	Cam A		Cam B		Cam C		Auto Track
	Location	Name	On/Off	Audio		No Recall	Preset	No Recall	Preset	No Recall	Preset	
▼ No Microphone Active (1 item)												
0	Front view	Connection to main camera	On	<div><div></div><div></div></div>	8	<div><div></div><div></div></div>	1	<div><div></div><div></div></div>	1	-	-	-
▼ Far End Channel Active (1 item)												
1	Front view	Front view	On	<div><div></div><div></div></div>	8	<div><div></div><div></div></div>	1	<div><div></div><div></div></div>	1	-	-	-
▼ 2 Or More Channels Active (1 item)												
2	Front view	Front view	On	<div><div></div><div></div></div>	7	<div><div></div><div></div></div>	1	<div><div></div><div></div></div>	1	-	-	-
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)												
101	Seat 1-2		On	<div><div></div><div></div></div>	10	<div><div></div><div></div></div>	2	<div><div></div><div></div></div>	1	<div><div></div><div></div></div>	10	-
102	Seat 3-4		On	<div><div></div><div></div></div>	10	<div><div></div><div></div></div>	2	<div><div></div><div></div></div>	2	<div><div></div><div></div></div>	10	-
103	Seat 5		On	<div><div></div><div></div></div>	10	<div><div></div><div></div></div>	3	<div><div></div><div></div></div>	4	<div><div></div><div></div></div>	2	-
104	Seat 6-7		On	<div><div></div><div></div></div>	10	<div><div></div><div></div></div>	3	<div><div></div><div></div></div>	1	<div><div></div><div></div></div>	10	-
105	Seat 8-9		On	<div><div></div><div></div></div>	10	<div><div></div><div></div></div>	3	<div><div></div><div></div></div>	2	<div><div></div><div></div></div>	1	-
106	Presenter		On	<div><div></div><div></div></div>	10	<div><div></div><div></div></div>	1	<div><div></div><div></div></div>	10	-	-	-

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic 5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™ ...

Show or Hide the Individual Coverage Zone Editor

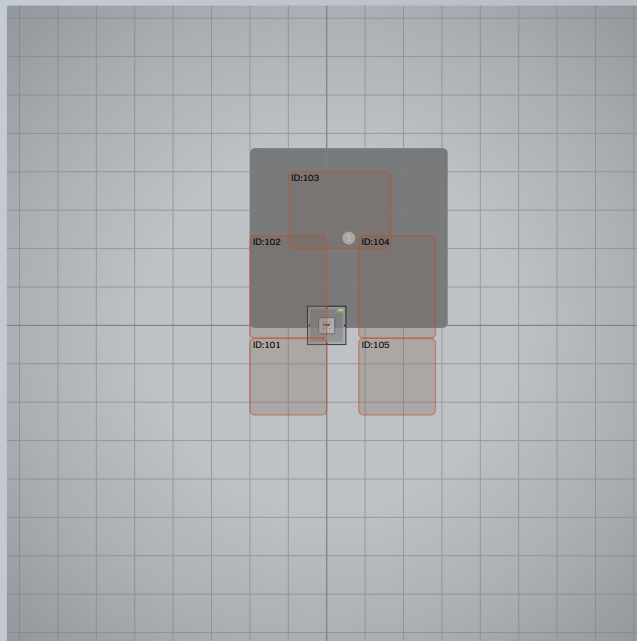
Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...



Camera Logic

Camera Rotation Mode Priority to Cam A (Not for Channels 0-2) Time after 6s

Channel Selection Mode Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Preset Recalls 2.5s

Additional Delay Times "No Microphone Active" pre-event 5.0s post-event 2.5s

Additional Delay Times "Far End Channel Active" pre-event 4.0s post-event 4.0s

Additional Delay Times "2 Or More Channels Active" pre-event 4.0s post-event 4.0s

Settings Far End Channel

Select an audio device for Far End signal Audio Device 1

Select an audio channel MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted



Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 18:

- This panel contains special settings for the MXA920.
- To test your settings, you can leave the mode at "1".
- Ensure that as many coverage areas as possible are configured in the MXA920.
- Coverage Area 1 corresponds to Channel 101, Coverage Area 2 to Channel 102, and so on.
- Other modes can also be tested with the MXA920, but mode "5" requires settings in the Individual Coverage Zone Editor, which is explained in a separate wizard.

◀ Prev Next ▶ ⌂ Resume ⌂ Exit

Step 18 of 22

Duration: estimated 15 minutes



Channel Table Setup

Channel Simulator

Channel ID	Channel Description		Activity		Priority	Cam A		Cam B		Cam C		Auto Track						
	Location	Name	On/Off	Audio		No Recall	Preset	No Recall	Preset	No Recall	Preset							
▼ No Microphone Active (1 item)																		
0	Front view	Connection to main camera	On	<div><div></div><div></div><div></div><div></div><div></div></div>	8	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
▼ Far End Channel Active (1 item)																		
1	Front view	Front view	On	<div><div></div><div></div><div></div><div></div><div></div></div>	8	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
▼ 2 Or More Channels Active (1 item)																		
2	Front view	Front view	On	<div><div></div><div></div><div></div><div></div><div></div></div>	7	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)																		
101	Seat 1-2		On	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
102	Seat 3-4		On	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
103	Seat 5		On	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	3	<div><div></div><div></div><div></div><div></div><div></div></div>	4	<div><div></div><div></div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div><div></div><div></div></div>	4	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
104	Seat 6-7		On	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	3	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
105	Seat 8-9		On	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	3	<div><div></div><div></div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>
106	Presenter		Off	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>	-	<div><div></div><div></div><div></div><div></div><div></div></div>

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic

5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™

Show or Hide the Individual Coverage Zone Editor

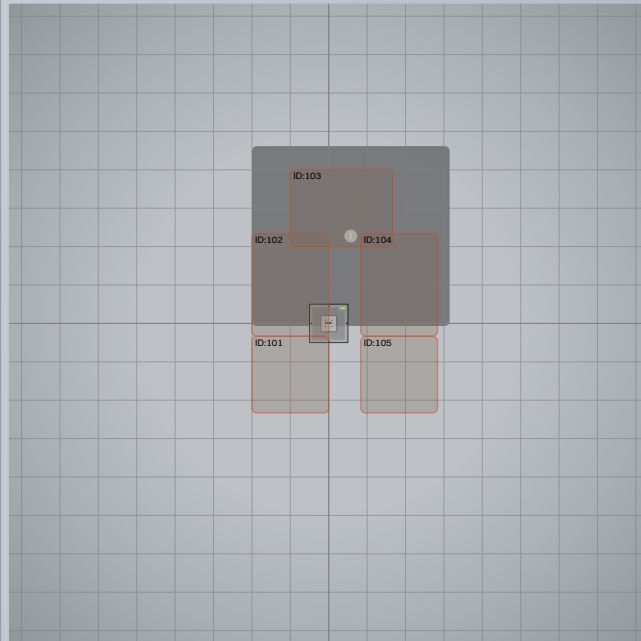
Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...



Camera Logic

Camera Rotation Mode

Priority to Cam A (Not for Channels 0-2)

Time

after 6s

Channel Selection Mode

Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Presets Recalls

2.5s

Additional Delay Times "No Microphone Active"

pre-event 5.0s

post-event 2.5s

Additional Delay Times "Far End Channel Active"

pre-event 4.0s

post-event 4.0s

Additional Delay Times "2 Or More Channels Active"

pre-event 4.0s

post-event 4.0s

Settings Far End Channel

Select an audio device for Far End signal

Audio Device 1

Select an audio channel

MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted



Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 20:

- In the lower of the two dropdowns, select the setting "Last Takes Over".
- This ensures a quick switch to the new speaking position, even if the current speaker is still talking.
- "First Wins" waits until the current speaker finishes and only switches after a pause in speech.

Prev

Next

Resume

Exit

Step 20 of 22

Duration: estimated 15 minutes



Channel Table Setup

Channel Simulator

Channel ID	Channel Description		Activity		Priority	Cam A		Cam B		Cam C		Auto Track					
	Location	Name	On/Off	Audio		No Recall	Preset	No Recall	Preset	No Recall	Preset						
▼ No Microphone Active (1 item)																	
0	Front view	Connection to main camera	On	<div><div></div><div></div><div></div></div>	8	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	-	-	-	<div><div></div><div></div><div></div></div>			
▼ Far End Channel Active (1 item)																	
1	Front view	Front view	On	<div><div></div><div></div><div></div></div>	8	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	-	-	-	<div><div></div><div></div><div></div></div>			
▼ 2 Or More Channels Active (1 item)																	
2	Front view	Front view	On	<div><div></div><div></div><div></div></div>	7	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	-	-	-	<div><div></div><div></div><div></div></div>			
▼ Audio Device 1 - CONNECTION FOUND - 192.168.60.71 - MXA920-PRO-AV - MXA920 (6 items)																	
101	Seat 1-2		On	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div></div>	-	-	-
102	Seat 3-4		On	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div></div>	-	-	-
103	Seat 5		On	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	3	<div><div></div><div></div><div></div></div>	4	<div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div></div>	4	<div><div></div><div></div><div></div></div>	-	-	-
104	Seat 6-7		On	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	3	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div></div>	-	-	-
105	Seat 8-9		On	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	3	<div><div></div><div></div><div></div></div>	2	<div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div></div>	-	-	-
106	Presenter		Off	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div><div></div><div></div></div>	1	<div><div></div><div></div><div></div></div>	10	<div><div></div><div></div><div></div></div>	-	-	-	<div><div></div><div></div><div></div></div>			

Settings for MXA920 and MXA901 Devices

MXA920 Command Logic

5: STATUS for X/Y/Z with Individual Coverage Zones, VAD, and Reflection Correction - Automatic Coverage™

Show or Hide the Individual Coverage Zone Editor

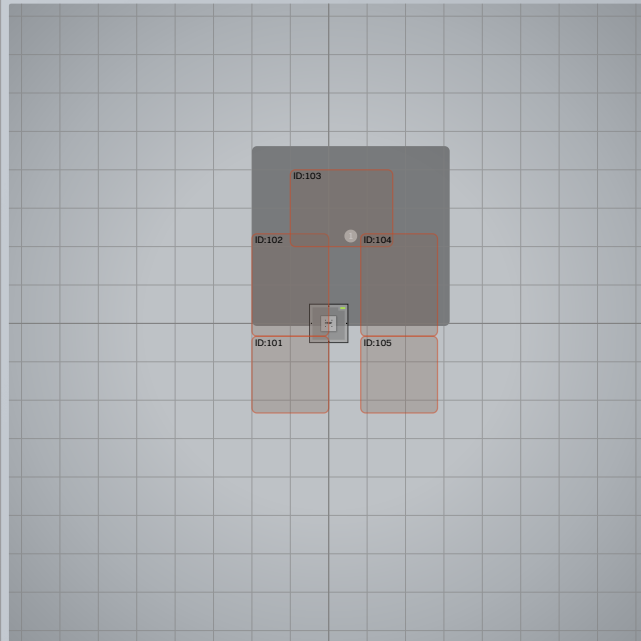
Individual Coverage Zone Editor

MXA Device Selector

Audio Device 1

Channel ID Selector

ID 101, ID 102, ID 103, ID 1...



Camera Logic

Camera Rotation Mode

Priority to Cam A (Not for Channels 0-2)

Time after 6s

Channel Selection Mode

Last Takes Over - Prioritizes the most recent active channel in case of equal priorities.

Time Settings Channel Logic

Minimum Time between 2 Camera/Preset Recalls

2.5s

Additional Delay Times "No Microphone Active"

pre-event 5.0s

post-event 2.5s

Additional Delay Times "Far End Channel Active"

pre-event 4.0s

post-event 4.0s

Additional Delay Times "2 Or More Channels Active"

pre-event 4.0s

post-event 4.0s

Settings Far End Channel

Select an audio device for Far End signal

Audio Device 1

Select an audio channel

MXA910/920 AEC REF

Far End Signal continues to be processed even if the audio device is muted



Shure MXA920 & 2 PTZ Cameras with CAMTRACK NDI Router Setup

Step 21:

- In this panel, various delay times can be configured.
- For this wizard, only the "Minimum Time between 2 Camera/Preset Recalls" is relevant.
- This setting defines the minimum wait time between switching any two presets.
- It helps to slow down camera switching, while avoiding excessively long delays.
- For testing, you can reduce this time to 2.5 seconds.

← Prev

Next →

⌂ Resume

Exit

Step 21 of 22

Duration: estimated 15 minutes



About

CAMTRACK - Microphone Camera Controller - Standard Edition

CAMTRACK-J3lu - Serial Number: CTX5410006
Application Slot 1

Setup Assistant

Launch Wizard

▶ START

Configuration Devices

Supported Shure Devices:

MXA920, MXA901, MXA910, MXA710, MXA310, INTELLIMIX® P300,
INTELLIMIX® ROOM SOFTWARE, ANIUSB-MATRIX, MXCW,
MXW, MXW next, MXA MUTE

Select Number of Shure Microphones or DSPs

1 Microphone / DSP

Supported Camera Devices:

Canon PTZ cameras (XC protocol), Panasonic PTZ cameras (HTTP
protocol), Sony and other PTZ cameras (VISCA-IP protocol), Vaddio PTZ
cameras (Telnet protocol)

Select Number of PTZ Cameras

3 Cameras

Global Presets

Description preset 1
Standard Room_3 Cameras

SAVE

DELETE

✓ LAST RECALLED

Description preset 2
Classroom_Presenter tracking camera

SAVE

DELETE

RECALL

Description preset 3
Test 12 Zones

SAVE

DELETE

RECALL

Description preset 4
MXA710_Ceiling

SAVE

DELETE

RECALL

Description preset 5
MXA902

SAVE

DELETE

RECALL

Description preset 6
NDI Router 2 cameras

SAVE

DELETE

RECALL

Description preset 7
Standard Room_3 Cameras MXA901

✓ LAST SAVED

DELETE

RECALL

Description preset 8

SAVE

DELETE

RECALL

Description preset 9

SAVE

DELETE

RECALL

Description preset 10

SAVE

DELETE

RECALL

Startup Preset

Startup Preset - Select a preset you want to load at startup:

none

Shure MXA920 & 2 PTZ Cameras with
CAMTRACK NDI Router Setup

Step 22:

- We have now completed this wizard and finished all the necessary configurations.
- Feel free to explore additional wizards for other scenarios, such as:
 - Settings for when the far-end is speaking.
 - Handling situations with two or more active microphone channels.
 - Configurations for multiple microphones connected in one room via a DSP.
 - And many more.

◀ Prev

Next ▶

⌂ Resume

➔ Exit

Step 22 of 22

Duration: estimated 15 minutes