



Mountain One

AUDIO VISUAL SYSTEM AND CONTROLS

AUDITORIUM / CAFÉ AREA

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Note:

This documentation is being provided for use at the venue stated above and will be used Only on above mention venues. The use of this training manual is solely for training purposes, guidelines, and system procedures. Any misuse of this document that leads to damages will be a liability borne by the owner of the system.

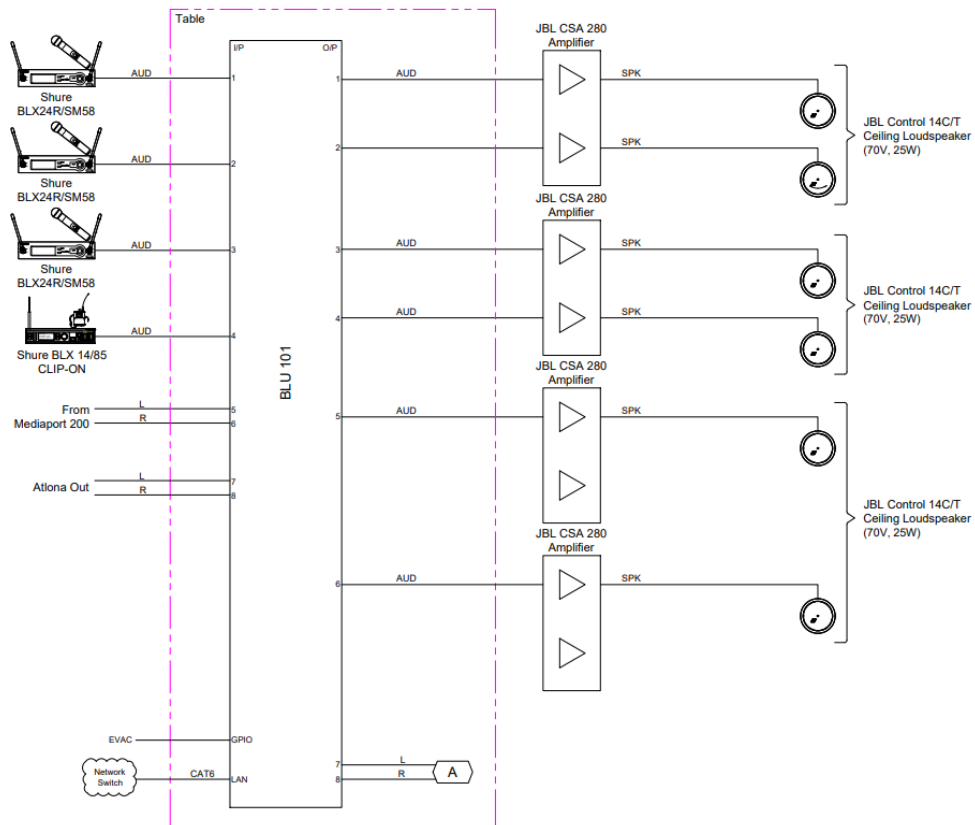
DOCUMENTATIONS HAVE BEEN PREPARED BY:

LOU GARCIA of Systems Application Department
Electronics & Engineering Singapore

SYSTEM OVERVIEW

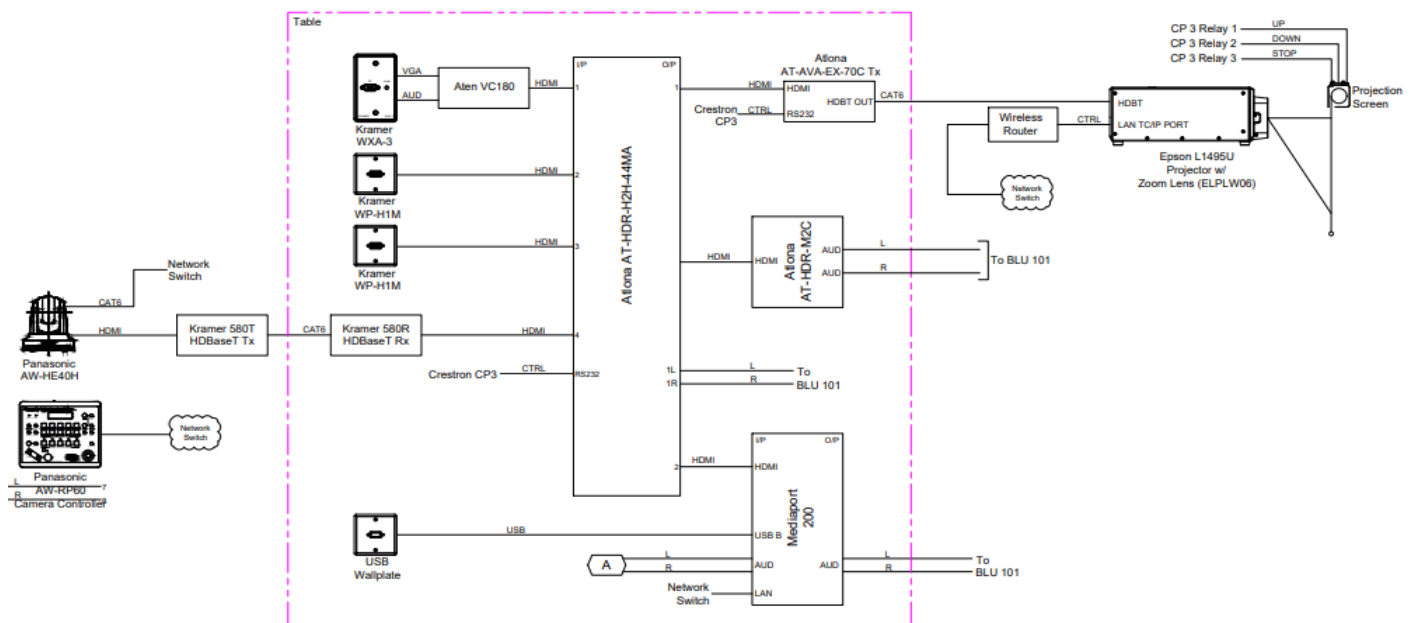
Auditorium

Audio System REF 001 Drawn by Lou Garcia



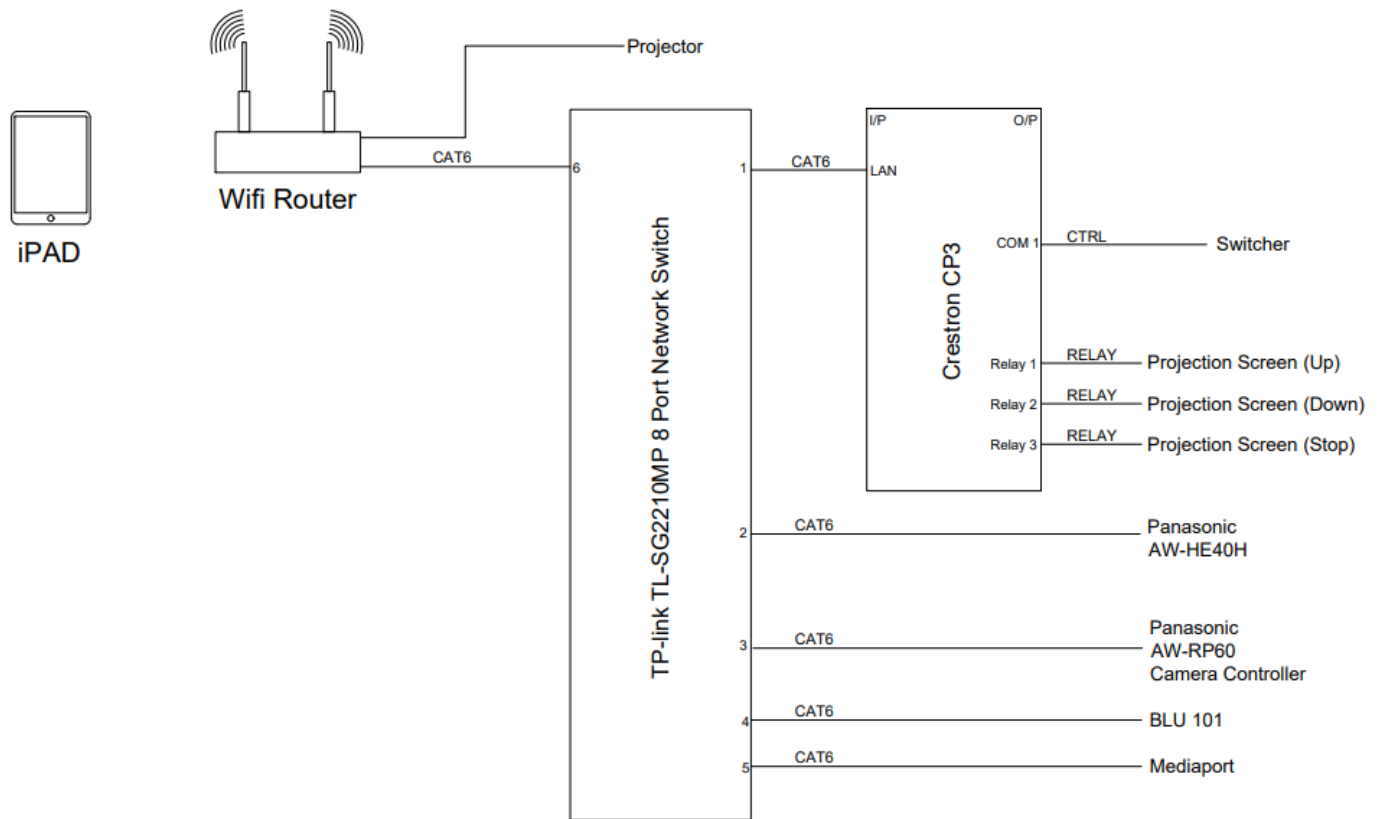
SYSTEM OVERVIEW: Auditorium

Video System REF 002 Drawn by Lou Garcia

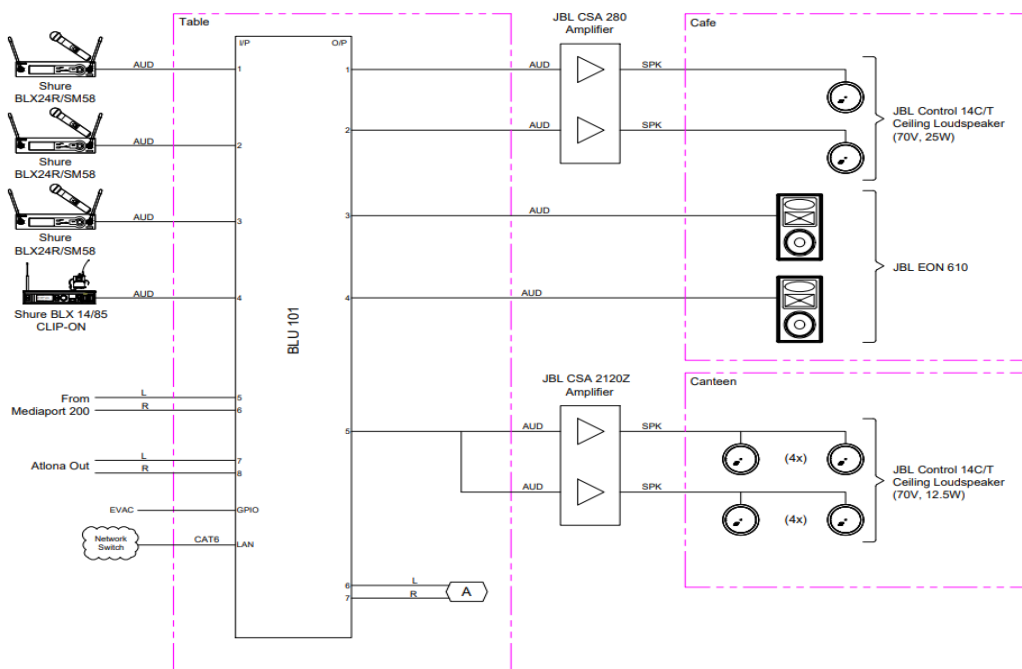


SYSTEM OVERVIEW: Auditorium

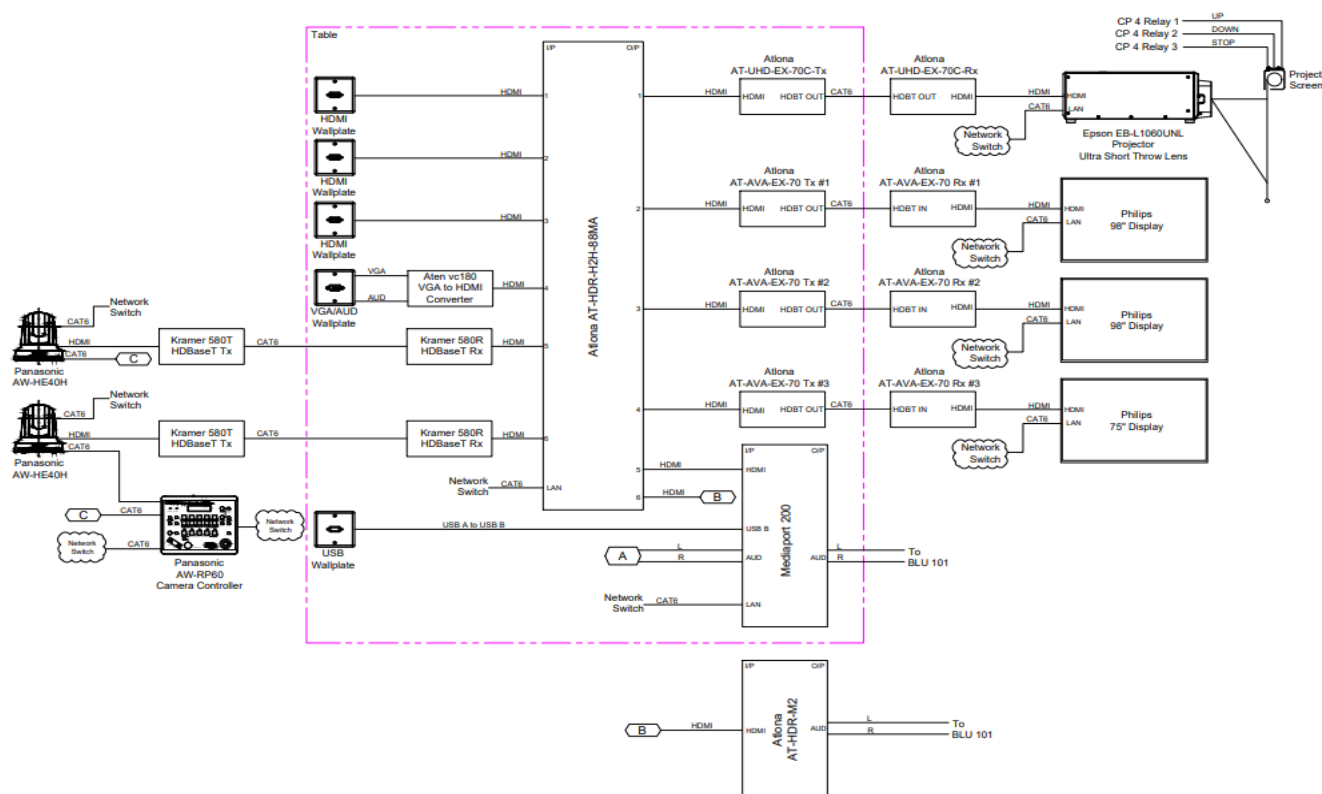
Network System REF 003 Drawn by Lou Garcia



Audio System REF 004 Drawn by Lou Garcia

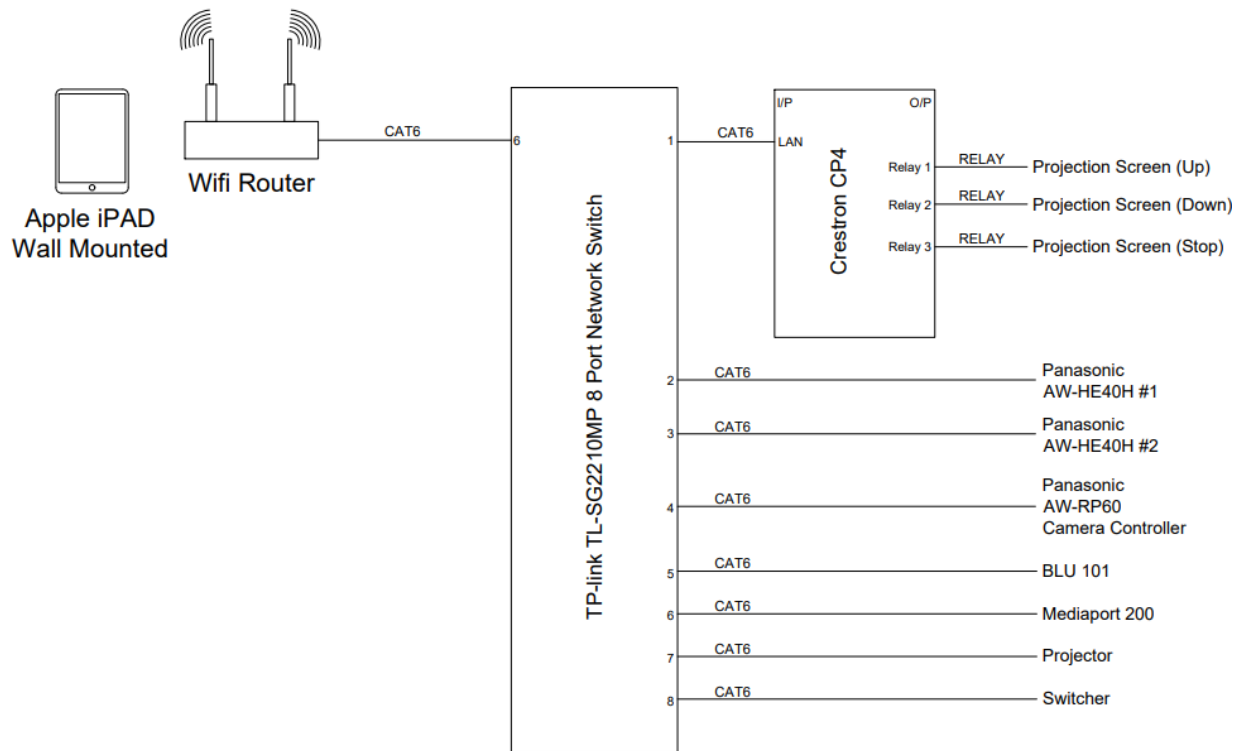


Video System REF 005 Drawn by Lou Garcia



SYSTEM OVERVIEW: Café Area

Video System REF 006 Drawn by Lou Garcia



System Power **ON** and **Shutdown**

AUDITORIUM

By default, the TP Network Switch and Crestron hardware unit are ready. And on power state "ON" The power plug of these units are located at the Wall electricity socket located within the side of the auditorium front table.

If these two devices mentioned above have been mistakenly removed From the power AC wall socket, these two units will be in a cold "OFF" state.

Until it has regained power from the AC. In this situation, please allow these two devices To settle. The network switch will scan for all IP addresses of all devices from the network and Whilst Crestron hardware unit for control will also prepare its link with the control APPLE IPAD And network switch.

Below will be the next procedure to commence system power ON.

1.

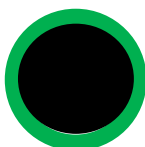
Please prepare the Crestron App installed on the Apple IPAD by touching the Crestron APP logo. Please ensure that the IPAD has been power charged and power is enough for the hours of usage scheduled at the Auditorium. Please ensure also that the IPAD is currently WIFI Connected to **MO AUDI AV_2.4G** or **MO AUDI AV_5G**. When the connection link between the Apple IPAD and Crestron hardware is established, upon touching CRESTRON APP it will automatically search its control master hardware and automatically prompt you to the Initial page.

"Welcome To.... Mountain One"

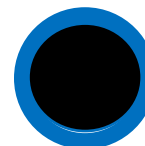
If the IPAD is unable to search for the control master hardware, then, therefore, the IPAD is not WIFI connected to the default WIFI network where the Auditorium AV System is being linked or AV Control System Is at power state "OFF". Please ensure the control devices are plugged from AC Outlet and they are powered **ON**.

2.

Next on the procedure from the AC Power outlet where the primary group of devices (Network Switch and Crestron Hardware) is being plugged. Beside will be the secondary group devices AC power plug /outlet and its AC SWITCH, Where the following devices are being connected. Shure Signal receivers, Video box converters, ATLONA video router, BSS sound processor, Extron Mediaport 200 VC and JBL Power Amplifiers. (Before switching the AC state to "ON", please ensure the 4 units of JBL Power Amps are on **GREEN RING LIGHTS** standby mode to prevent the sudden heavy surge of electricity from being loaded that may cause an AC power trip.



AMPS are in "OFF" state



AMPS are in "ON" state

3. The last to manually switch ON will be the four units of JBL Power Amplifiers. After doing this, proceed to activate the AV System "BOOTING_UP SEQUENCE STATE" by touching the initial page of the

"Welcome To....Mountain One" ----->>> Please Touch to START<<<

Wait until all devices are ready and have been booted up. When ready please plugin PC Desktop or Laptop on any HDMI inputs and plugin as well the USB cable for Video Conferencing Audio Device interface (Extron Mediaport 200 hardware).

Auditorium and CafeArea
AV System and Controls

CAFÉ Area

By default, the AV System hardware unit is in a cold "OFF" power state.
With ISOLATOR SWITCH.

Please SWITCH ON ISOLATOR and wait for the Café 249 AV SYSTEM and CONTROL to be ready
within **3 minutes**.

Below will be the next procedure to commence system power ON.

1. Please prepare the Crestron App installed on the Apple IPAD by touching the Crestron APP logo. Please ensure that the IPAD has been power charged and power is enough for the hours of usage scheduled at the CAFE. Please ensure also that the IPAD is currently WIFI Connected to **MO CAFE AV_2.4G or MO CAFE AV_5G**. If the connection link between the Apple IPAD and Crestron hardware is established, touching the CRESTRON APP will automatically search its control master hardware and automatically prompt you to the Initial page.

"Welcome To.... Mountain One"

If the IPAD is unable to search for the control hardware master, then it means the IPAD is not WIFI connected to the default WIFI network where the CAFE Area AV System has been linked. Or AV Control System Is "OFF" state. Please ensure the Café Area AV SYSTEM and CONTROL devices are powered **ON**.

2. Next on procedure ensuring Café Area AV SYSTEM and CONTROL are ready and powered ON Activate the AV System "BOOTING_UP SEQUENCE STATE" by touching the initial page of the

"Welcome To....Mountain One" ----->>> Please Touch to START<<<

Wait until all devices are ready and have been booted up. When ready please plug-in PC Desktop or Laptop on any HDMI inputs and plugin as well the USB cable for the Video Conferencing Audio Device interface (Extron Mediaport 200 hardware).

CONTROL USER INTERFACE OVERVIEW

Auditorium and Cafe249
Control UI REF 008 by Lou Garcia

WELCOME TO



-Please Touch to Start-

This is the INITIAL page. This indicate that the system is ready to commence boot up procedure. Just ensure all devices are powered ON.

Auditorium and CafeArea

Control UI REF 010 by Lou Garcia

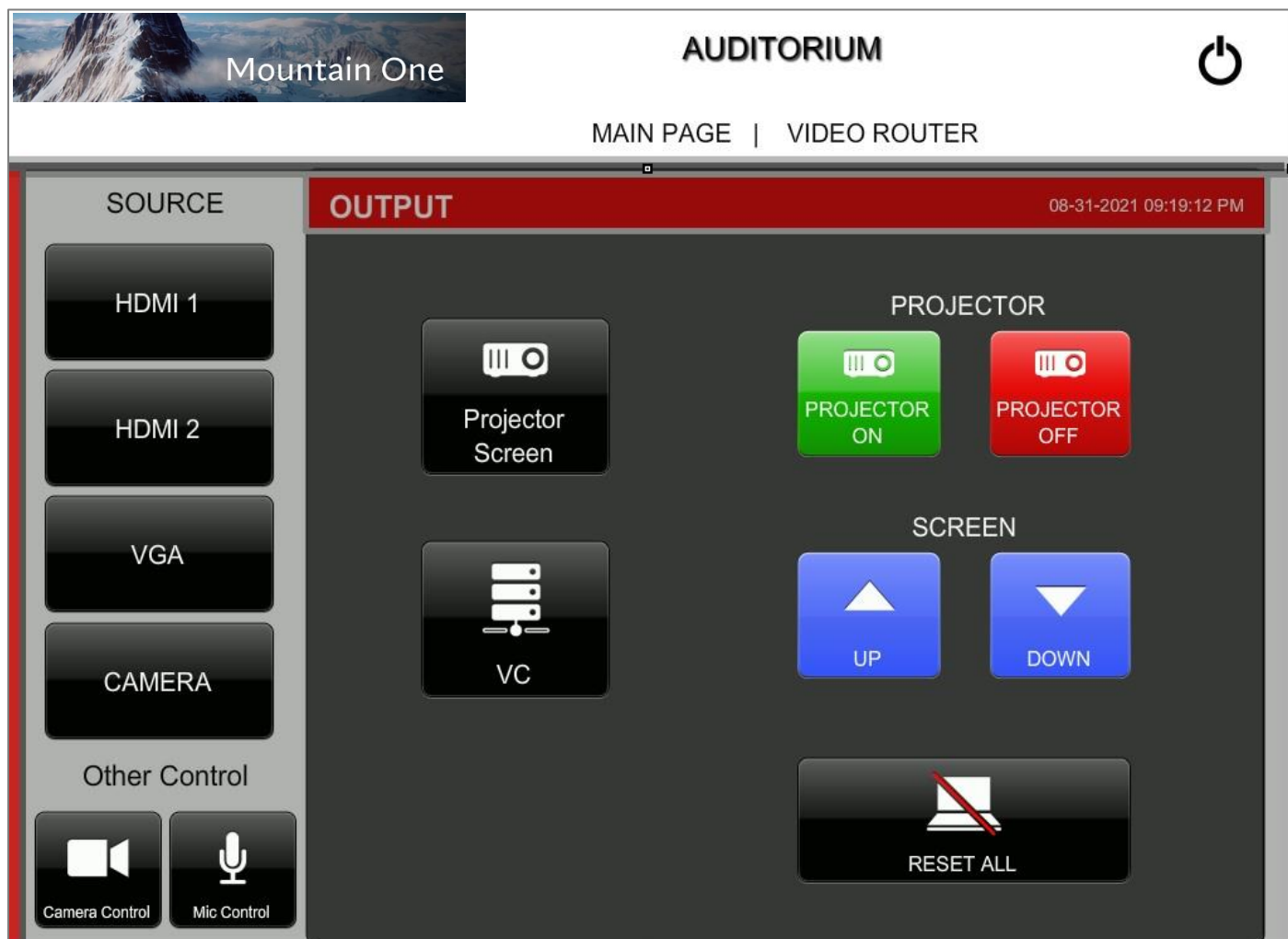
WELCOME TO



Please wait..

This is the BOOT UP page. This indicate that the system is booting up. Please wait until the circle round ring is done.

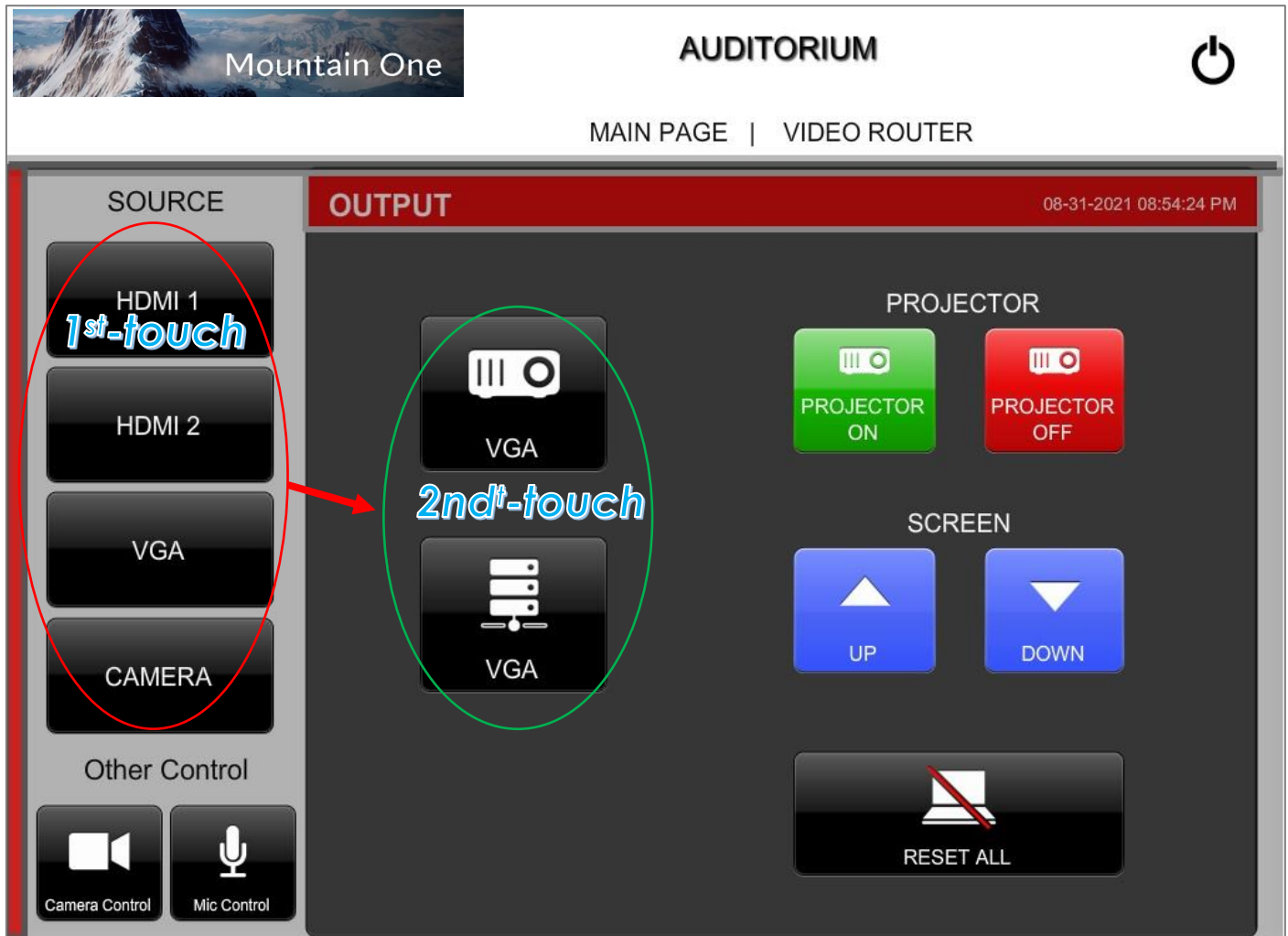
Auditorium and CafeArea
Control UI REF 011 by Lou Garcia



This is the MAIN PAGE

SOURCE: are all your video Input. This is to select first by touch any appropriate video input button to be bring over preview to destination OUTPUT - TV monitors and projector screen.

Auditorium and CafeArea
Control UI REF 012 by Lou Garcia



Touch SOURCE button and next Touch OUTPUT button. Please ensure you have PC connected to those input video sources or just send in CAMERA Front and back to destination OUTPUT TV monitor or projector screen.

Auditorium and CafeAREA

Control UI REF 013 by Lou Garcia

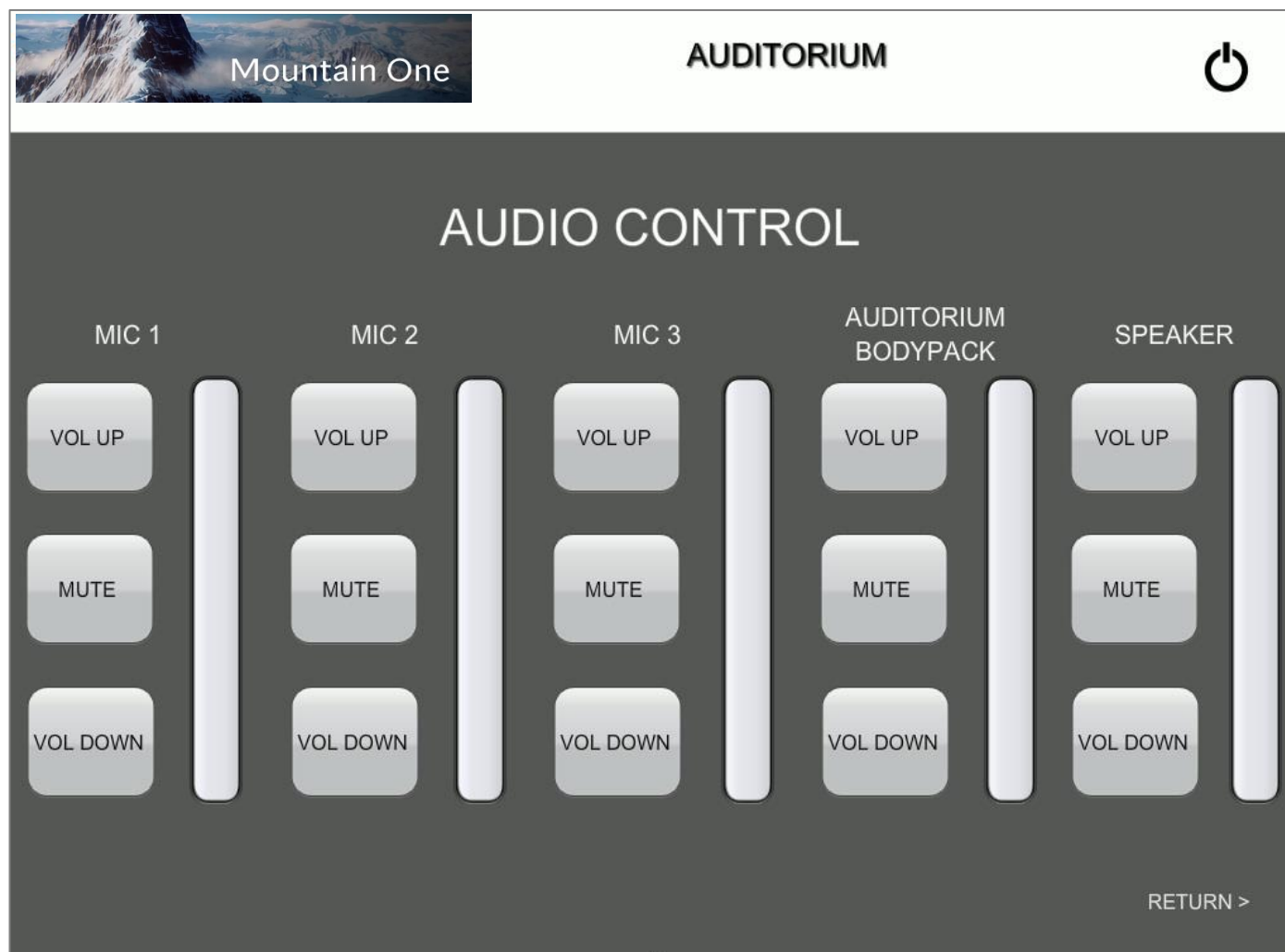


This is the CAMERA CONTROL PAGE. Please take note there will be lagging on Crestron Screen Preview monitor at the IPAD. This is normal and no need to be alarmed as Crestron has limited image pixels as compared to the PANASONIC AW-RP60G hardware control. Please use accordingly.

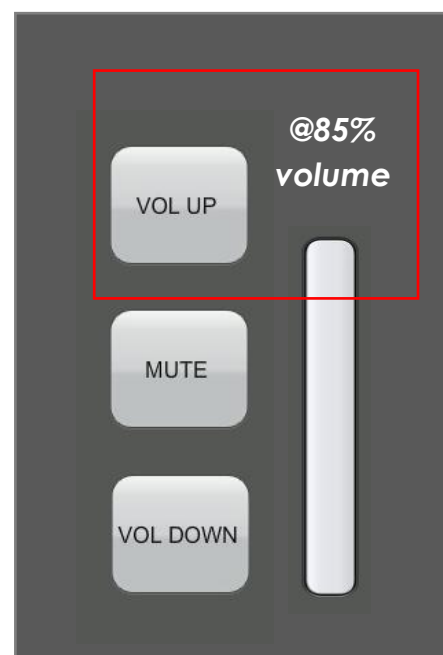
CAFÉ Area has two Cameras Front and Back. Auditorium has one. Both venues have PANASONIC AW-RP60G.



Auditorium and CafeAREA
Control UI REF 014 by Lou Garcia

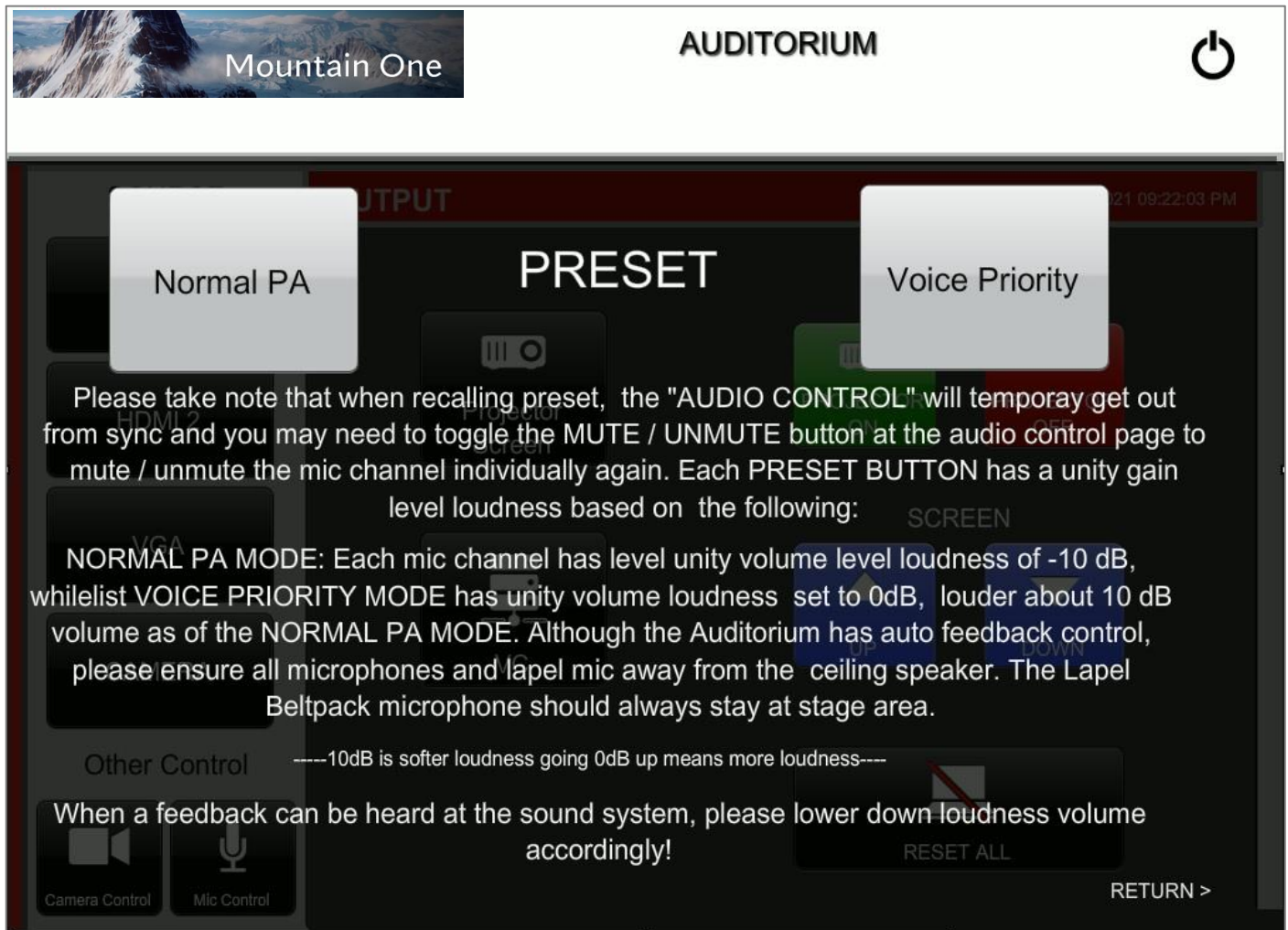


This is the AUDIO CONTROL PAGE. When the PA system is being controlled and sound system is needed for the event. Please ensure "TOWN HALL CHANNEL" is up @85% and MUTE button is not muted or in BLUE COLOR



ONLY IN Auditorium

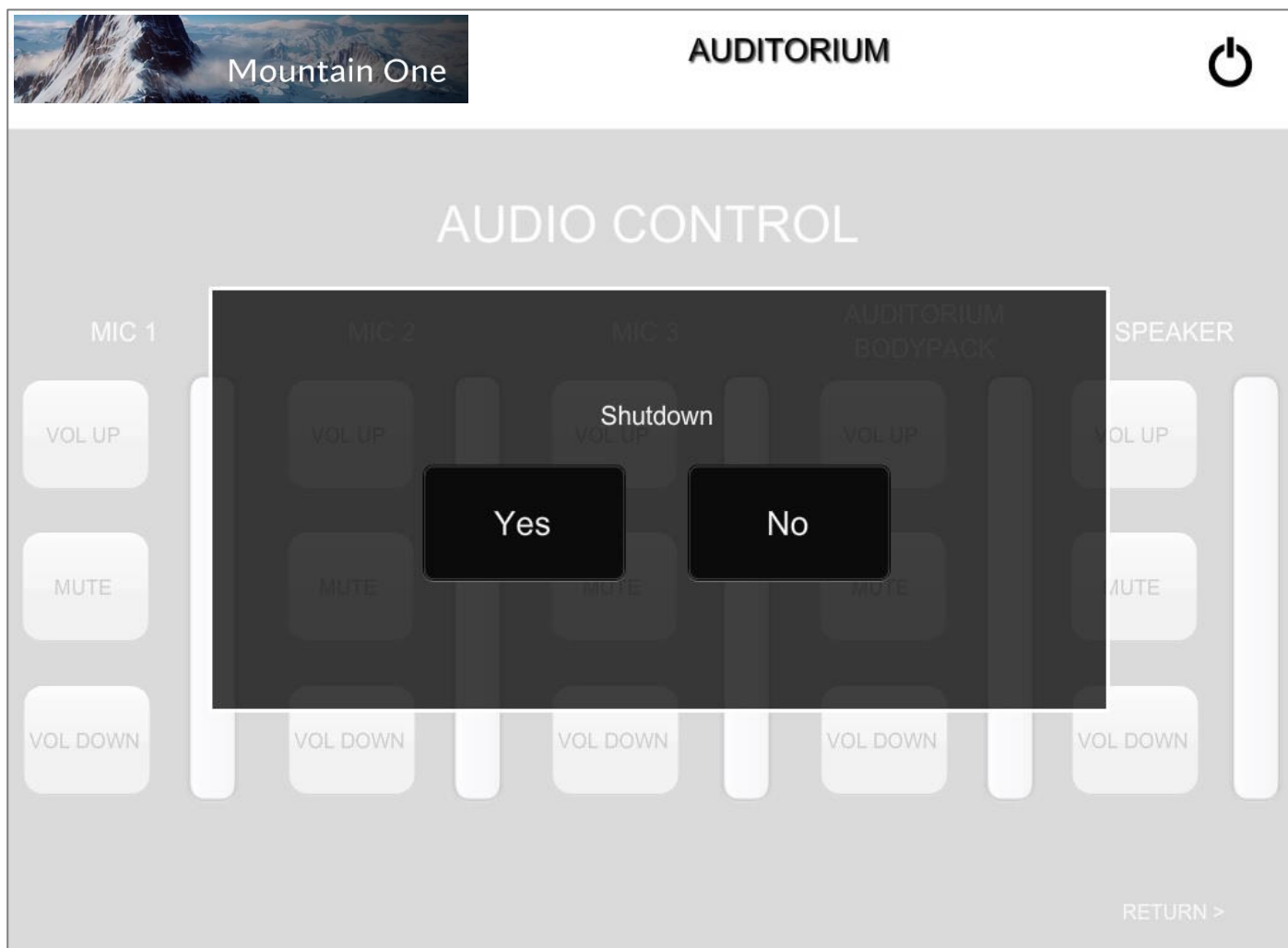
Control UI REF 015 by Lou Garcia



This is the PRESET POP UP PAGE. Please choose Normal PA or Voice Priority this is only available at AUDITORIUM AV SYSTEM CONTROL. To access this page, touch and hold for 3 seconds the Mountain One LOGO at Main Page Area only!

Auditorium and CafeArea

Control UI REF 016 by Lou Garcia



*This is the SHUTTINGDOWN PAGE. Please select
Yes or No.*

Auditorium and CafeArea

Control UI REF 017 by Lou Garcia

WELCOME TO



System Shutdown.....

SYSTEM IS SHUTTING DOWN. Please wait until Shutdown Page is done and ready back on Initial Page. The timing on this shutting down page is ensuring the Projectors are being cooled Off and initialized prior to next usage. Forcing the projectors to shutdown on sudden timing will cause malfunction. Please allow the system to shutdown and cool off projectors on both Auditorium and CafeArea.

REFERENCES

Mediaport 200 by EXTRON

The device is used for Video Conferencing with built-in AEC for noise and echo cancellation. This is the device which is being connected to the computer via USB. (for ZOOM, Skype, and Google Meets, etc.)

Shure Microphone Receivers The device receives signals from the Shure microphone transmitters.

ATLONA – a device that routes all video from SOURCES to destination OUTPUT (TV and Projectors)

BSS Digital Signal Processor Device is used to process all the sound from video and microphone. To control this device for to AUDIO CONTROL PAGE on your Crestron app in IPAD.

JBL AMPLIFIERS Device to bring audio to ceiling speakers and loudspeakers to sound.

CP3 and CP4 Crestron device for Controls

OTHER PANEL VIEWS CAFÉ REFERENCES:





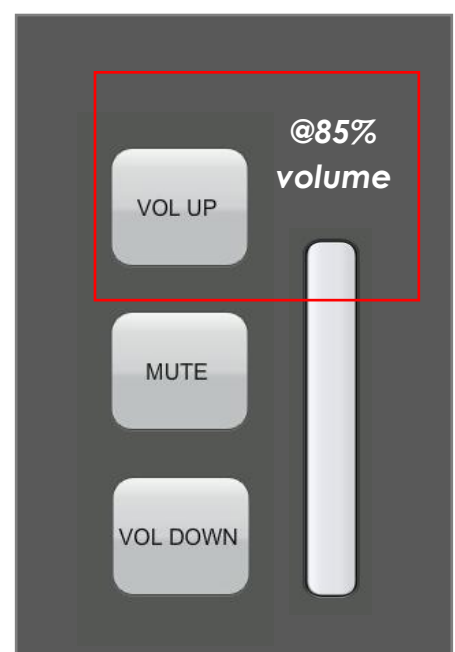
This is the CAMERA CONTROL PAGE. Please take note there will be lagging on Crestron Screen Preview monitor at the IPAD. This is normal and no need to be alarmed as Crestron has limited image pixels as compared to the PANASONIC AW-RP60G hardware control. Please use accordingly.

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-END OF TRAINING MANUAL-