

AV System User Guide

Power

Press the red switch on the top unit. This is the power strip for the entire system.

Press the power button on the Black Box HDMI Switcher.

Turn on the Wireless Microphone receiver power and the Stereo Receiver power (labeled Main Zone).

Note: When turning everything off, turn off the Power strip LAST to prevent damage to the speakers.

Audio

1. Ensure that the power to the Rack is on.
2. Twist the input dial (right side) to get the desired audio input.

Choices include:

- AV1 - Projector 2 (Far Side)
 - AV2 - Projector 1 (Rack Side)
 - AV3 - TV5
 - AV4 - the Wireless Microphones
 - AV7 – BD-J5100 BluRay Player
 - Bluetooth (Choose "RX-A1070 FD6..." in your phone or tablet's bluetooth connections)
 - FM
3. Flip down the front panel to see the additional controls for surround sound and zone 2.
 4. To activate Surround Sound, press the "Straight" button, to the right of "Tone Control" and above "Program". **(Failure to do this will result in only Speakers A and C active.)** (See picture below. It may change to "Sports" or something else. Anything other than "Straight" will give you surround sound and activate all six speakers.)
 5. Adjust the volume knob (on the right) to the desired level.



Press the "Zone 2" button to the right of "Program" to send the AV4 input (Wireless Microphones) to the Pressmite box.

Nady U-81 Octavo Wireless Microphone receiver

There are four Handheld Microphones and four Lavalier microphones with body packs.



Each body pack and handheld microphone is labeled with its channel number.

Turn on the unit and twist the level for your specific channel until you get the volume that you want.

Note: The lavalier microphones are a bit hotter than the handhelds. This can cause feedback if you are directly underneath a speaker. This can be adjusted with a Phillips screwdriver on the body pack itself.

Pressmite Press box



This unit allows us to take a single output (which is AV4 , the Wireless Mic receiver) from the Yamaha Receiver, and split it out to twelve (12) mono XLR outputs for use by the Press Corps.

The LCSO organization will NOT be supplying any XLR cables for the press to use. It is their responsibility to ensure that they have the proper connections.

To use:

1. Plug in the power adapter to an electrical outlet (or use two 9 volt batteries).
2. Plug an XLR cable from the back wall column XLR jack and plug it into the "Input" plug.
3. Ensure that the "PH Power" (Phantom Power) button is in the "Off" or out position.
4. Ensure that the "Mic/Line" button is in the "Mic" position.
5. Adjust the Unity knob (it's really a Gain knob) to the desired level.
6. Press the power button to turn on the unit.
7. On the Yamaha receiver, ensure that "Zone 2" is On. This output is not affected by any change in the volume from the Yamahas receiver.
8. Plug your XLR cable into any of the 12 "Mic Outputs" on the unit. Number thirteen may be able to use the headphone jack; number 14 is out of luck.



Video

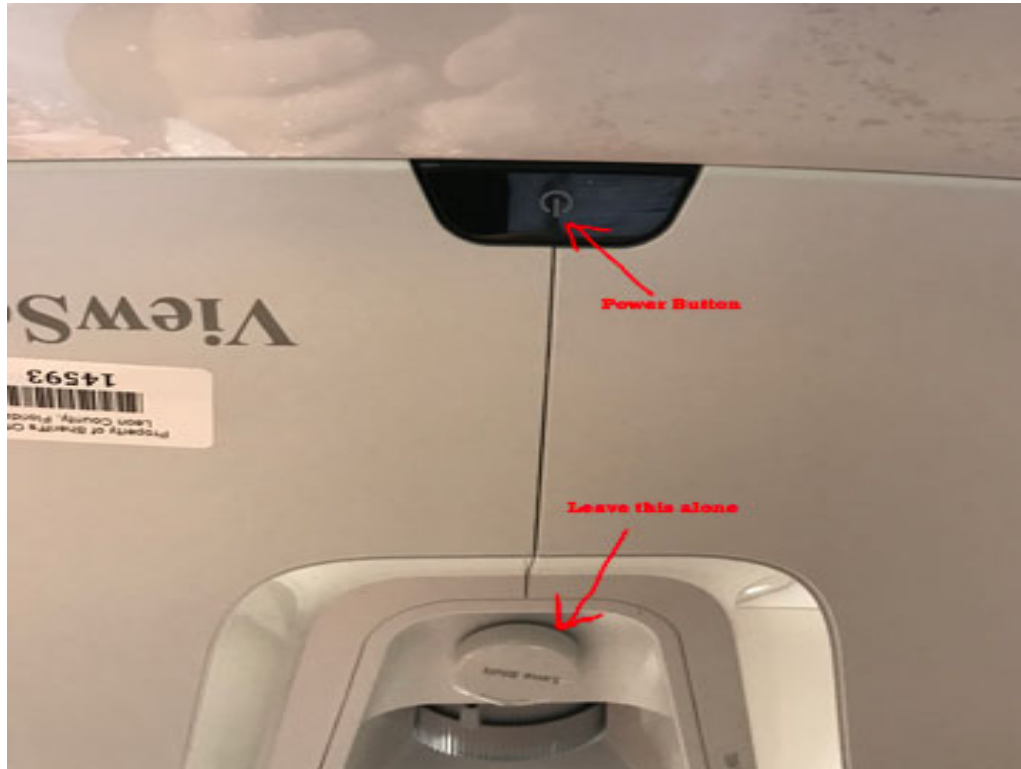
Televisions

The Televisions are labeled as follows:

- TV5 - mounted on the same wall as the rack
- TV4 - mounted on the opposite wall from the rack
- TV1 - mounted on the back wall, rack side
- TV2 - mounted on the back wall, far side

NOTE: TV3 is not being used. No, you can't put it at your house for "safekeeping". No, you probably can't have it put in your office. Sorry, not my rules.

The Projectors



Press the black Power button on the projector or use the remote control to turn on the projector.

Do NOT change the input source on the projector remote. If you want to put video on the projector, see the section on "Blackbox 8x8 HDMI Matrix switcher" below.

Projector 1 (Rack side) is hooked up to Output 7 (video) and AV 2 (audio).

Projector 2 (Far side) is hooked up to Output 6 (video) and AV 1 (audio).

The Blackbox 8x8 HDMI Matrix switcher



This unit allows you take up to 8 HDMI inputs and assign them to up to 8 HDMI outputs.

The buttons on the front correspond to the OUTPUTS. When you press the button (for example, output 5), it will light up.

Continue to press the 5 button until the top number is the input that you want (in this case, input 6 will go to output 5. N means no input.)



You can have multiple outputs for the exact same input. You just have to assign each output channel.

You can also use the remote for this same function as well, although it may take a minute to make it switch.

(On the remote, press the Output number first, then press the Input number.)

The inputs are as follows:

- 1 - ICO 1 (far wall, opposite from the rack wall- below TV4)
- 2 - ICO 2 (Front of the room, in front of the podium)
- 3 - Crestron 1 (**Leon Public**)
- 4 - Crestron 2 (**Leon Secure**)
- 5 - Cable box 1
- 6 - Cable box 2
- 7 - BD-J5100 BluRay Player

The outputs are as follows:

- 1 - TV1 Back of the room- Rack side)
- 2 - TV2 (Back of the room- Far side)
- 4 - TV4 (Far side of the room- Opposite the rack wall)
- 5 - TV5 (Near side of the room- the rack wall)- Connected to AV3
- 6 - Projector 2 (Far side) - Connected to AV1
- 7 - Projector 1 (Rack side)- Connected to AV2

Suggested configuration, for ORC activation:

- P1 CAD Webview - TV4, TV1, TV2, Projector 1, Projector 2
- WebEOC - TV4, TV1, TV2, Projector 1, Projector 2
- Weather Channel (has sound) - TV5, TV4, TV1, TV2, Projector 1, Projector 2
- Local News (has sound) - TV5, TV2, TV1, Projector 1, Projector 2

BluRay Player

The network interface on the BluRay player is not configured at this time, so the smart apps (Netflix, Amazon Prime videos, etc.) will not work.

Pointing the remote at the projector screen (like you do with your TV) does NOT work at all. It will work if you point it towards the rack.

You can look at pictures or other videos (from the USB port on the front of the BluRay player) via the respective applications within the BluRay Player Menu.

Cable Boxes

There are two Comcast Cable boxes with HDMI outputs. These are plugged into Input 6 and 7 of the Video Switcher.

Comcast Cable channels of interest:

- Channel 40 or 423 (HD) - CNN
- Channel 07 or 431 (HD) - WTLX (ABC)
- Channel 09 or 433 (HD)- WCTV (CBS)
- Channel 10 or 434 (HD) - ETWC (Fox)
- Channel 12 or 432 (HD)- WTWC (NBC)
- Channel 17 - WTHSN (Weather Scan)
- Channel 24 or 441 (HD) - WEA (The Weather Channel)

Crestrons 1 and 2

These allow any device (phone, laptop etc) to display the screen contents and audio to any TV or Projector in the room.

Crestron 1 (Input 3)

IP is via DHCP and is the PUBLIC one. (172.62.98.x)

You MUST have already connected your laptop to the wireless network (either Leon Secure or Leon Guest).

The top of the screen shows the URL (and IP) to connect to and the code to put in.

This code changes once the session is done.

The connection broadcasts your screen and your audio.

Crestron 2 (Input 4)

IP is via DHCP and is the SECURE one. (10.101.3.x)

You MUST have already connected your laptop to the wireless network (either Leon Secure or Leon Guest).

The top of the screen shows the URL (and IP) to connect to and the code to put in.

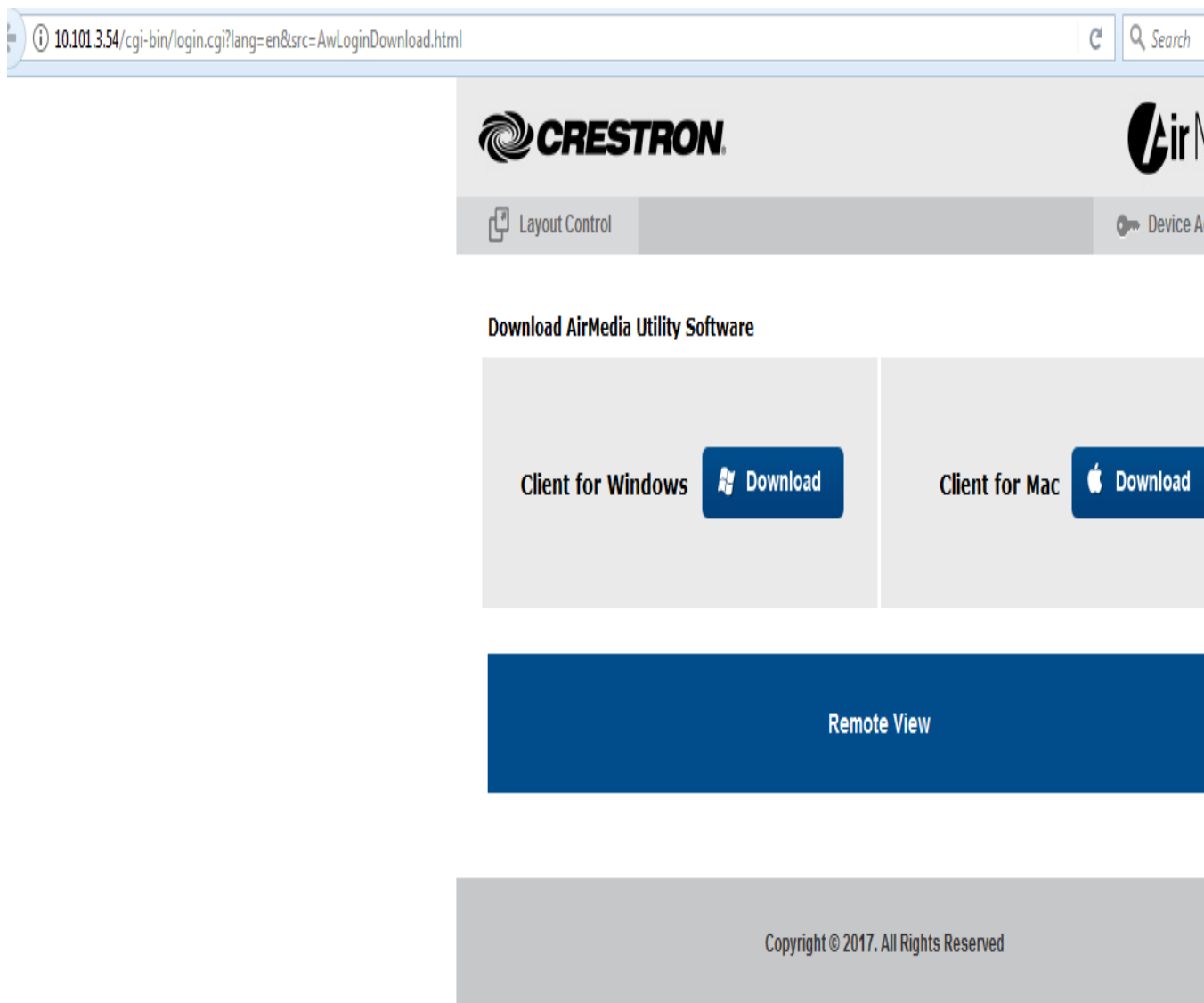
This code changes once the session is done.

The connection broadcasts your screen and your audio.

To connect to the Crestrons:

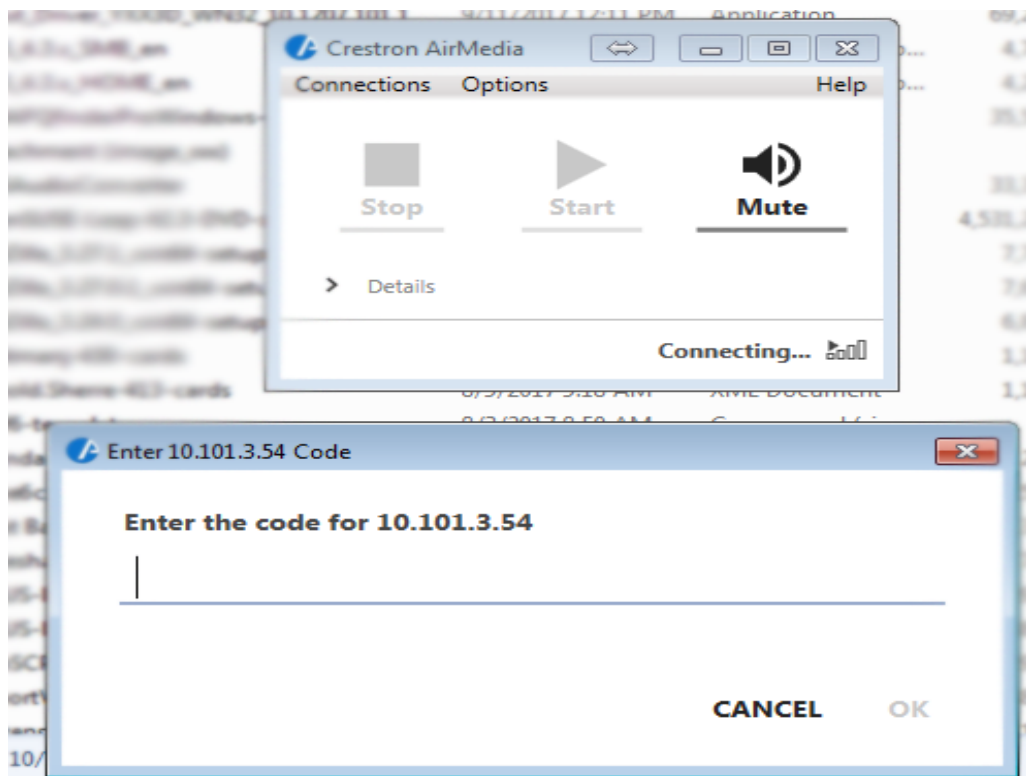
You MUST have already connected your laptop to the wireless network (either Leon Secure or Leon Guest).

1. Enter the URL on the screen. Pay attention to the code on the right: you will need it in step 2.

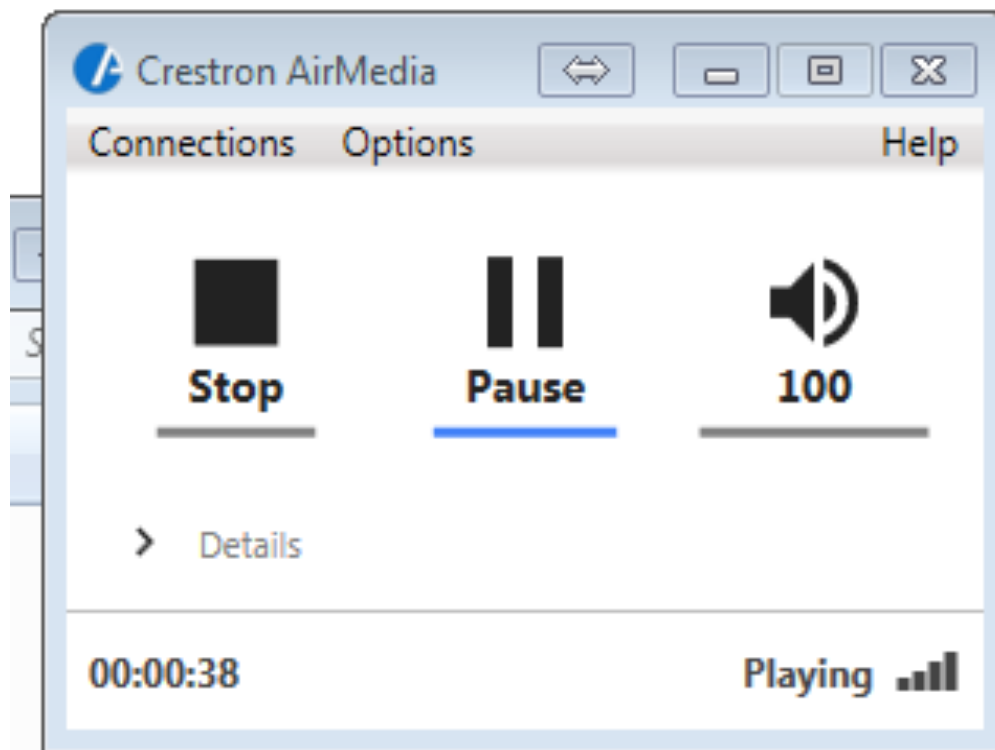


Choose your platform and download the utility. Find where you downloaded (e.g. Downloads folder), then run the utility (it will not require any Administrative privileges, as it doesn't install anything).

2. Enter the code from the right side of the Screen.



3. The Crestron is now broadcasting your screen and your device's audio to the output screen. You may need to unmute the audio. See the popup box where you can pause or stop streaming.



(as of 10/31/17 bkv)