

CLASSROOM TECHNOLOGY GUIDE

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SED 59

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In the Samsung display rooms you will find a **Samsung display, Room PC, Document camera, AirMedia, DVD/Bluray player, and Laptop connections (HDMI and VGA).**

To turn on the system, press the touch screen and the system will go through its startup process. The touchscreen will read System is now ready for use.



The **Room PC and DVD/Bluray player** are found inside the teacher station desk. On top of the desk there is a **document camera**.

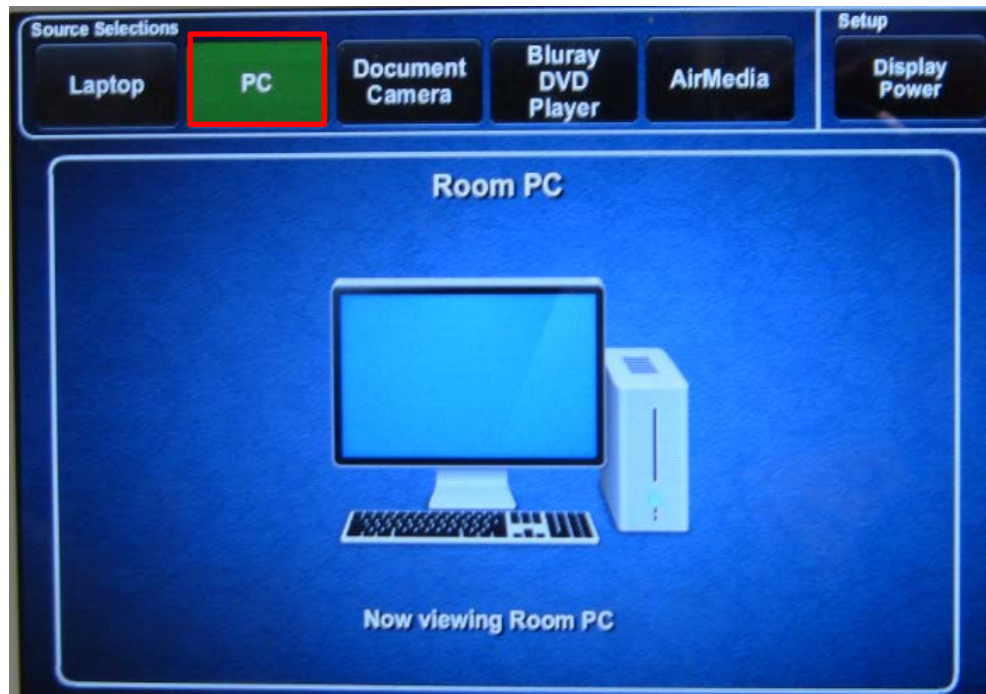


You will also find a **HDMI, VGA and Ethernet cord** for laptop connection.



Using Room PC

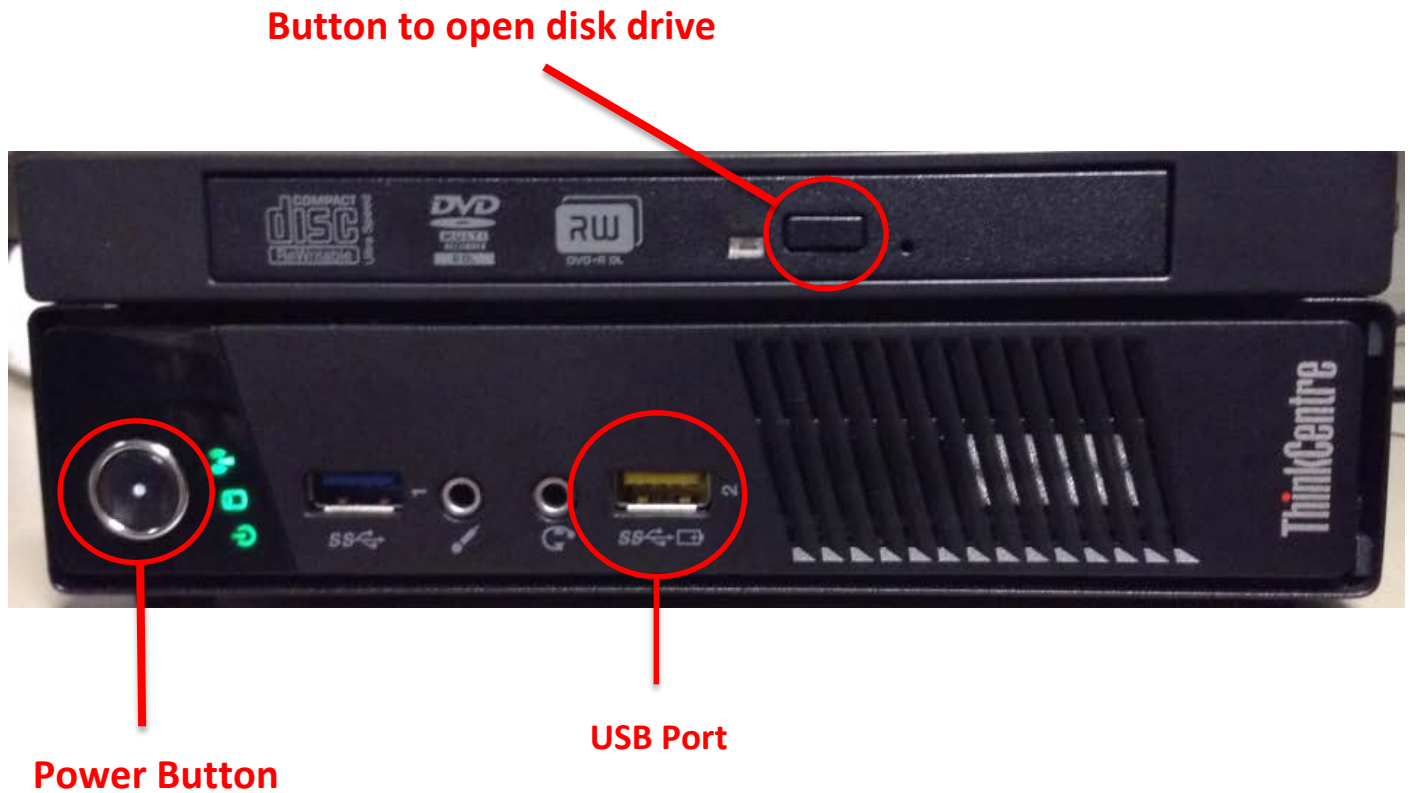
There is a Lenovo PC located in the teacher station desk. To use the **PC**, power on the room system. Turn the system on by pressing the touch screen. The touchscreen will read **System is now ready for use**. Next, select **PC** from the source selection panel located on the top of the touchscreen.



Source will light up **green** when selected.

The PC will now project on the display. To adjust the volume, use the **Volume** controls on the right side of the touchscreen.





If the PC is not powered on, press the **power button** located on the front of the PC. The power button will light up **green** when turned on.

If you wish to play a DVD, there is a disk drive located on the Lenovo PC. To open, press **the Black button** on the disk drive. Insert disk and close. The DVD will load onto the computer automatically.

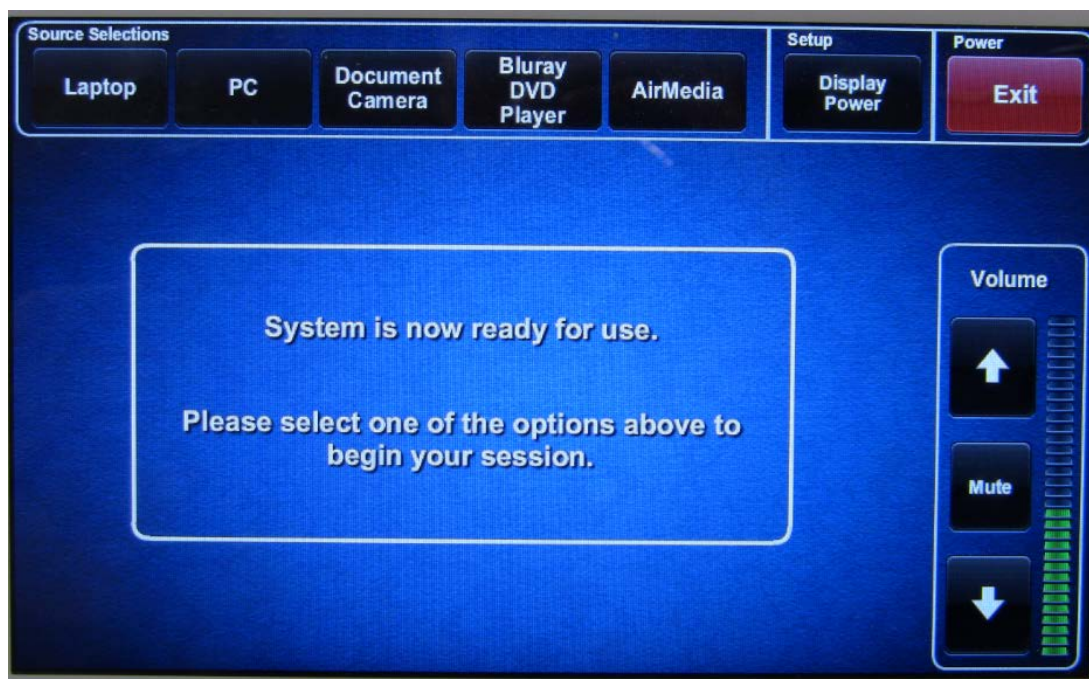
Connecting a Laptop

In the teacher station desk cubby, there is a **HDMI cord** and a **VGA cord** available to connect a laptop to the display.

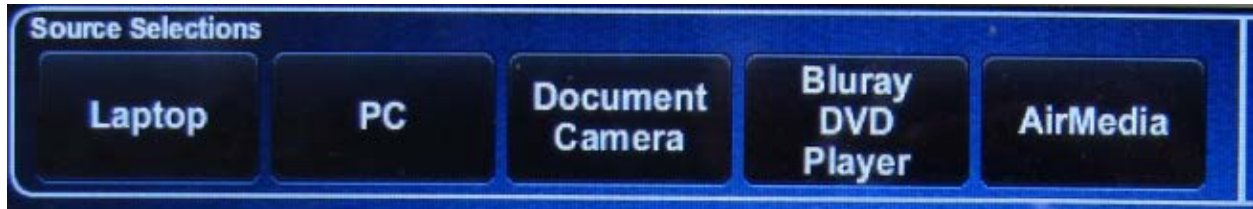
To connect via **HDMI**, plug the HDMI cord into your laptop.



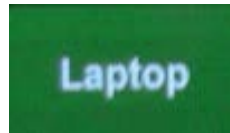
Turn the system on by pressing the touchscreen. The system will load. The touchscreen will read **System is now ready for use.**



Next, select laptop from the source selection panel located on the top of the touchscreen.



Source will light up **green** when selected.



Next, press the **HDMI** button under view laptop input.



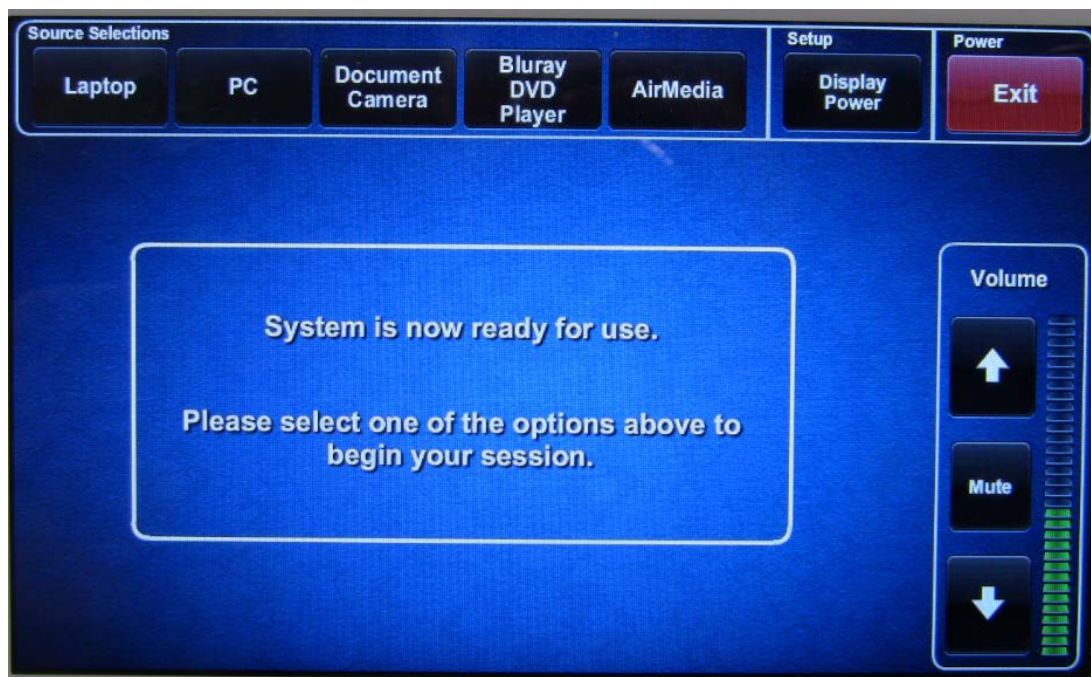
Your laptop will now project on the display. To adjust the volume, use the **Volume** controls on the right side of the touchscreen.



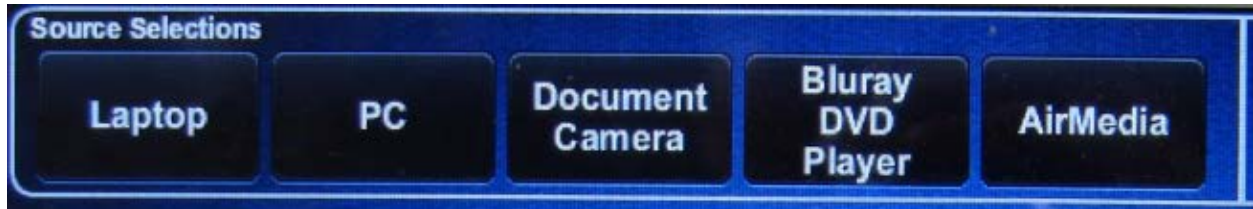
To connect via **VGA**, plug the VGA cord into your laptop and the audio cord into the headphone jack.



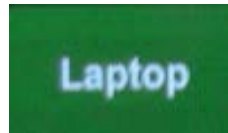
Turn the system on by pressing the touchscreen. The system will load. The touchscreen will read **System is now ready for use**



Next, select **Laptop** from the source selection panel located on the top of the touchscreen.



Source will light up **green** when selected.



Next, press the **VGA** button under view laptop input.



Your laptop will now project on the display. To adjust the volume, use the **Volume** controls on the right side of the touchscreen.



Using the Document Camera

Located on the teacher station desk is a Samsung document camera. The document camera is a real-time image capture device. You can place a 3D object or paper and project the item to your class.



To use the document camera, power on the room system. Turn the system on by pressing the touchscreen. The system will load. The touchscreen will read **System is now ready for use**. Next, select **Document Camera** from the source selection panel located on the top of the touchscreen.



Source will light up **green** when selected.

To power on the document camera, press the **power button** located on the base on the document camera. The button will glow **blue** when powered on.



Place object you wish to project onto the base of the document camera. If you need to magnify the object or zoom out, use the **Zoom button** located on the base of Doc cam.



To adjust lamp brightness, use the **dimmer button** located on the base of the Document camera.

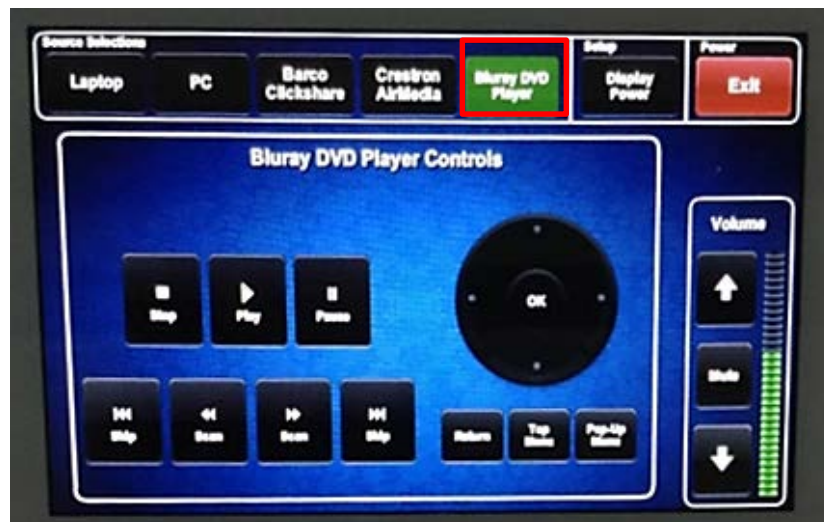


Using the DVD/Bluray player

A Sony DVD/ Bluray player is located in the inside the desk.



To use the **DVD/ Bluray**, power on the room system. Turn the system on by pressing the touch screen. The system will load. The touchscreen will read **System is now ready for use**. Next, select **DVD/ Bluray** from the source selection panel located on the top of the touchscreen.



Source will light up **green** when selected.

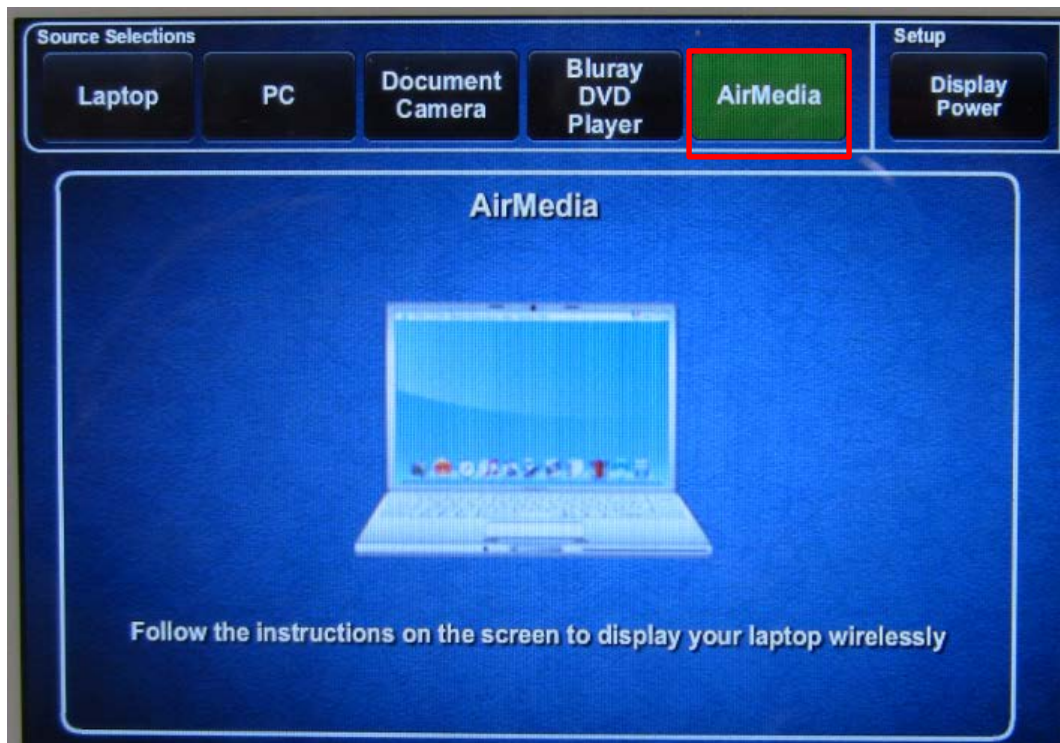
To control the DVD/Bluray player, use the **Bluray DVD controls** located on the touchscreen.



Using AirMedia

AirMedia is a program that allows users to connect a laptop or mobile device wirelessly to the display.

To use **AirMedia**, power on the room system. Turn the system on by pressing the touch screen. The touchscreen will read **System is now ready for use**. Next, select **AirMedia** from the source selection panel located on the top of the touchscreen.



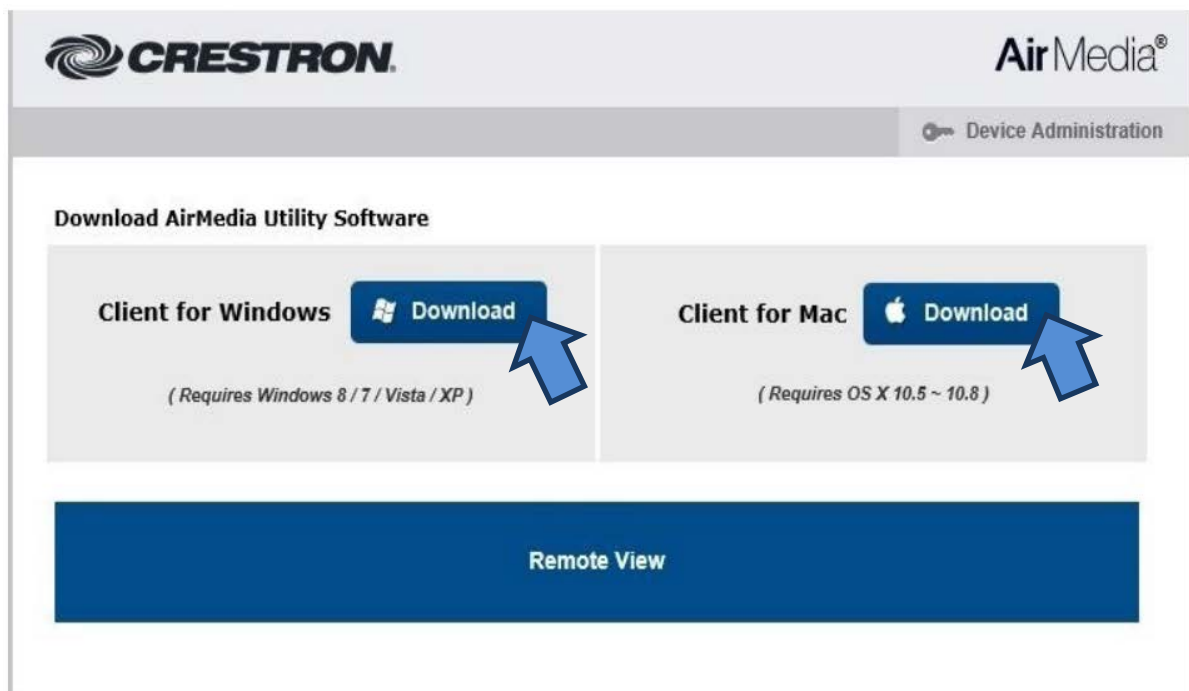
The display will project the AirMedia start screen.



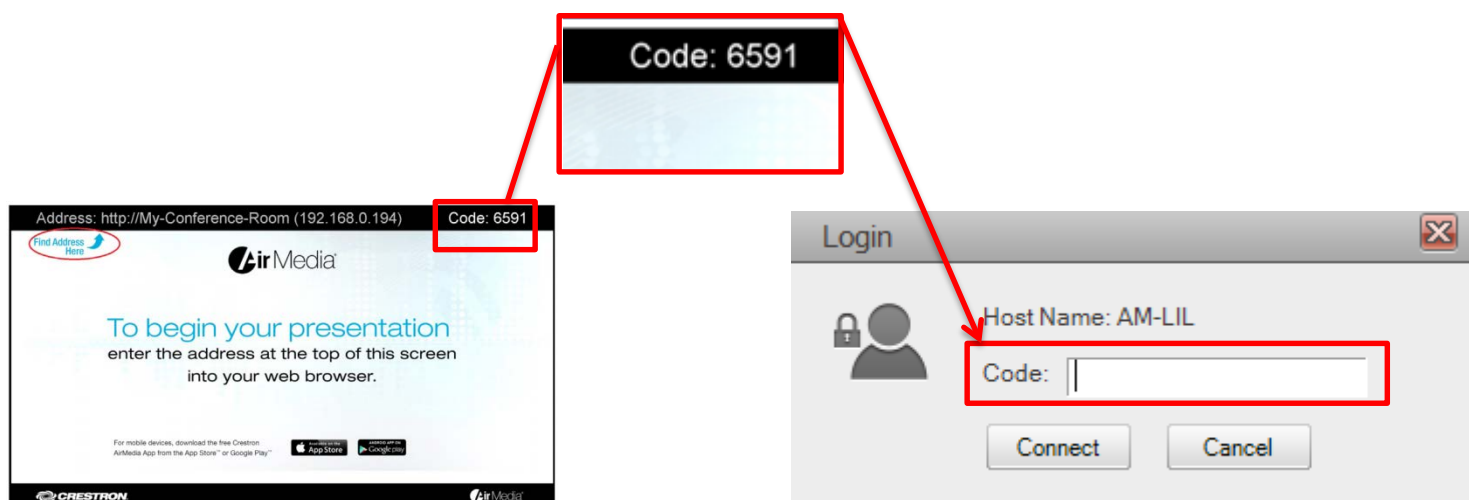
At the top of the start screen, there is a web address. Type the web address into your preferred internet browser.



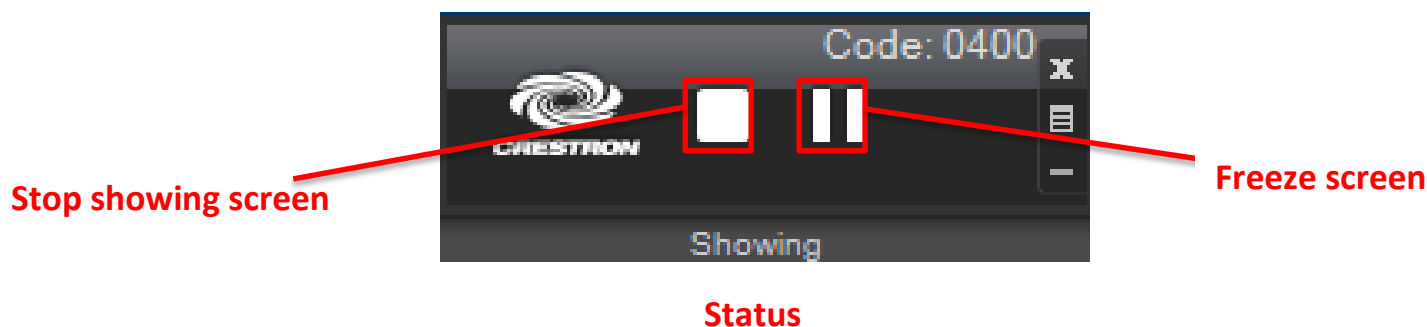
The **AirMedia Guest download page** will open in your browser. Click on the download button for Windows or for Mac. Follow the download steps that appear on screen.



Once the AirMedia is downloaded, a login window will appear and ask for the room code. The code can be found on the right corner of the AirMedia start page. Type the code into the box. **Note: the code will be different at each start of AirMedia**



Your computer will display on screen and the AirMedia app will appear on your desktop.



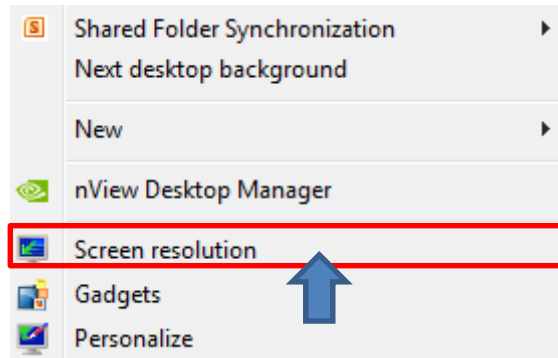
When your screen is displaying, the AirMedia app will say showing. To freeze the screen, click the **pause** button. To stop showing your screen, press the **stop** button.

To exit AirMedia, click the **X** on the right corner of the app. Your device will no longer appear on screen and you will disconnect from AirMedia.

For more information on AirMedia, call 401-254-6363 option 2.

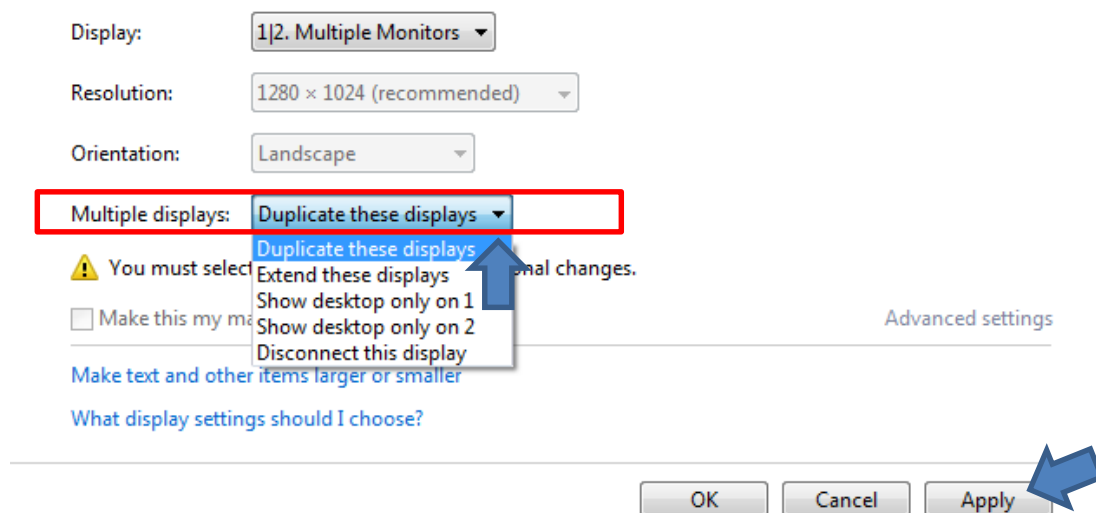
Troubleshooting Display Connection

When you connect a laptop to the projector, the computer may be in extended mode. Extended mode is when the computer uses the projector as an extra monitor extending the visual range of the desktop. To correct this issue, Right click on the desktop. From the drop down menu, select **Screen resolution***.

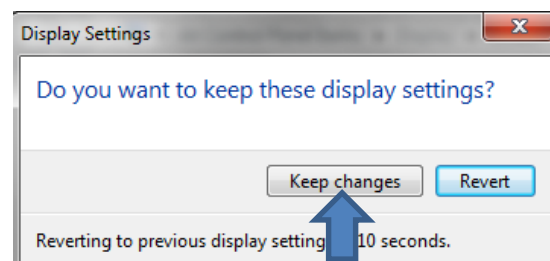


*in Windows 10, select **display settings** instead of screen resolution

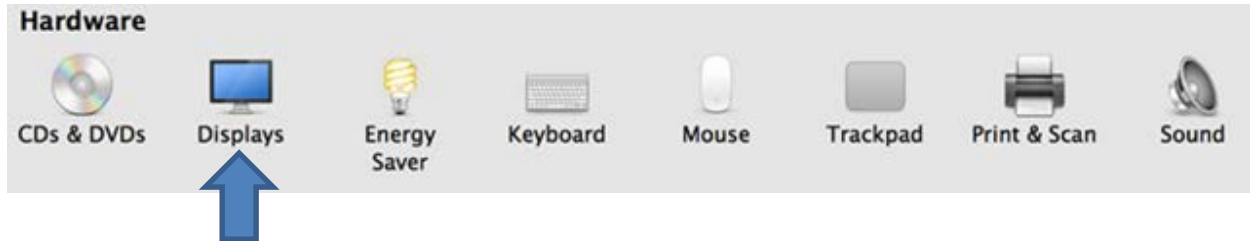
In **Screen resolution**, you will find different display options. Under the **Multiple displays** drop down menu, select **Duplicate these displays**. Then, click **Apply**.



A box will appear on screen asking if you want to keep these display settings. Click **Keep changes**. The computer is now in duplicate mode. The projected image will now mirror your computer.



When connecting your mac click on **the Apple icon (🍏)** .From the drop down menu, select **System preferences**. From the **System preferences** menu, click **Displays**.



In display options, select the **Arrangement** tab. Check the **Mirror Displays** box. The projected image will now mirror your computer.

