VP Conference Room Audiovisual (AV) Wireless System

As part of ENSA's AV technology refresh initiative, the 5th floor ENSA VP conference room has now been equipped with a new high definition (HD) LED display including the Crestron AirMedia presentation system.

Crestron AirMedia allows you to wirelessly present content from your laptop or mobile device to the LED display. You have the ability to use the single full-screen presentation mode (default) or up to four different presentations can be displayed in a 4x4 quad view. In order to use AirMedia, devices will require a one-time download of the AirMedia app.
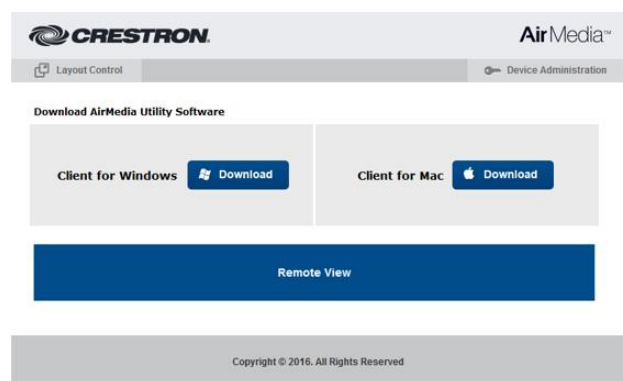
IMPORTANT: To use AirMedia make sure your device is connected to the BU network (wired or wireless).
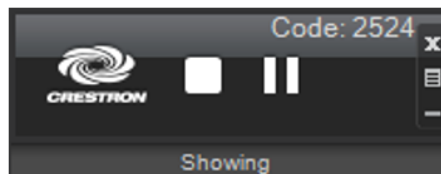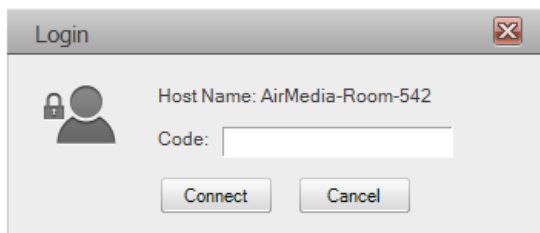

Crestron AV Control Panel

Using the Boardroom AV Wireless System

1. Press the **Display On/Off** button on the AV control panel. The LED display will turn on.

2. If not already selected, press the **Live** button on the AV control panel to switch to the AirMedia system. You will see a welcome screen. .

3. Open up any web browser and enter the AirMedia IP address (**10.251.59.10**) shown in the upper left corner of the display. An installer page will now be shown. Chose the compatible operating system and click **Download**. A small file will be downloaded in your Downloads folder. Do not delete it. Double-click the downloaded file to launch. If you encounter a **Windows Firewall Security Alert**, click **Cancel** to proceed. For Macs, a disk will appear in your Mac's Finder, called AirMedia. Double-click the **AirMedia** icon.

4. After a few seconds you will be presented with a login box. Enter the 4 digit access **Code** displayed in the upper right corner of the AirMedia welcome screen. The code is set to refresh for each new session.

5. Click **Connect.**

6. Once successfully connected, your session will start and the contents of your computer screen will be shown on the display. You will also see a presentation control window. Use the **Stop** and **Play** buttons to stop or start displaying your computer screen. Click the **X** to quit the app completely.

    ■   Stop showing the computer's screen.

    ▶   Start showing the computer's screen.

    ❙❙   Freeze the computer's screen.

    X   Close the client application and the connection between the computer and the AirMedia system.

    ▤   Display a pop-up menu of additional options.

    —   Minimize the presentation control screen.

7. When finished and leaving the boardroom, press and hold the **Display On/Off** button for 3 seconds. The LED display will turn off.

> **IMPORTANT:** If you wish to also stream audio from your Mac, you will need to download and install the Soundflower driver.

Soundflower is a program for Macs that allows for audio play and capture on your computer, and any device that your computer may be connected to.

Downloading Soundflower

1. Click the following link to download Soundflower for your Mac.

2. Follow installation steps to install Soundflower.

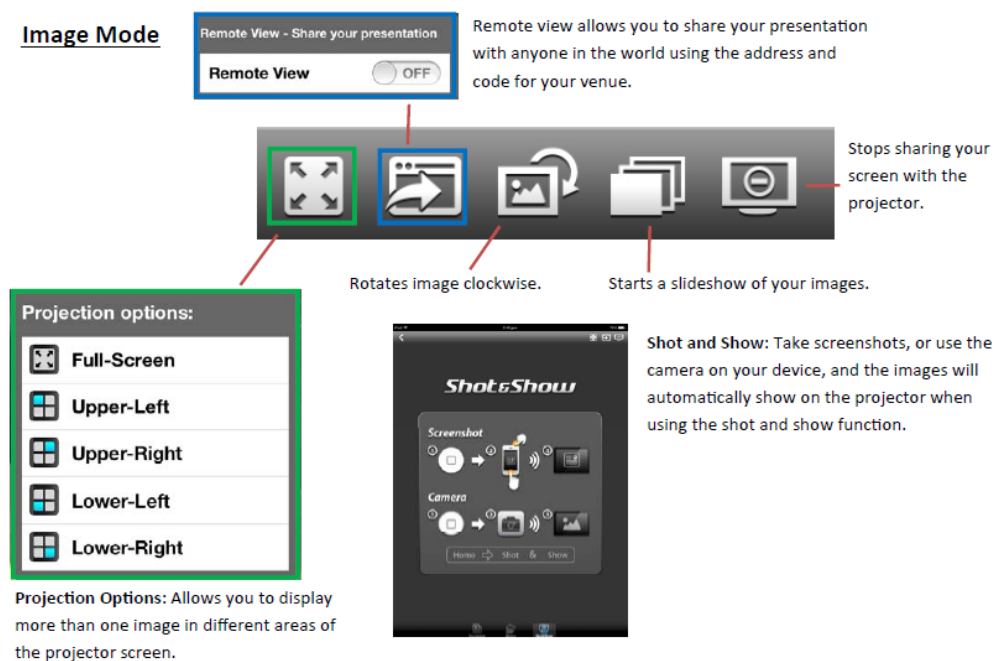3. Soundflower installs as Soundflowerbed on your Mac.

Using Soundflower to Play Audio

1. Click the Soundflower icon on the toolbar. Under Soundflower (2ch), select **AirPlay**.

2. Open **System Preferences**. Under **Sound**, click on the **Output** tab and select **Soundflower (2ch)**.

3. Open the audio program you want to play, and select the appropriate track to play audio on the connected device.

4. To stop the Soundflower connection, click on the Soundflower icon and select **None (off)**.

5. Open **System Preferences**. Under **Sound**, click on the **Output** tab and select **Internal Speakers (Built-In)**.

iOS and Android Devices

Apps for iOS and Android devices are also available to use with the AirMedia system. To present wirelessly from a smartphone or tablet, download the free Crestron AirMedia app for your iOS or Android device.

1. Install the Crestron AirMedia application from the iTunes App Store or Google Play Store.

2. Open the AirMedia application.

3. Drag down top of screen to search for and select the AirMedia receiver (skip to step #5) or **Tap** to enter AirMedia receiver IP address.

4. Enter the **IP address (10.251.59.10)** displayed in the top left corner of the projector screen into the **Receiver** field.

5. Login with the access **Code** displayed in the top right corner of the projector screen.

6. The **Documents** folder on the iOS app is not accessible to drop files into. However, you can still open documents by performing the equivalent of "open with" on your mobile device. AirMedia will be listed as an option if you have more than one app that handles the file type. The document, once opened in this manner, will then be added to the "Documents" list.

   a) Connect to the AirMedia receiver.
   b) Open OneDrive on your mobile device.
   c) Press and hold to select the file you want to display. Only one file should be selected.
   d) At the bottom right of your screen select the icon (3 dots) for more options.
   e) Select "Open in Another App".
   f) Select the "Copy to AirMedia" icon to associate with the AirMedia app and display.

   The process of associating a document with AirMedia can also be done from DropBox, iCloud, email attachment, etc.

7. Select the **Documents**, **Photos**, **Browser** or **Shot & Show** option depending on your needs:
   a. To wirelessly present a PowerPoint, Excel, Word or PDF file, select **Documents**.
   b. To wirelessly present an image file or photo, select **Photos**.
   c. To wirelessly present your browser, select **Browser**.
   d. To snap a picture of your device screen and wirelessly present, select **Shot & Show**.

Image Mode

Remote view allows you to share your presentation with anyone in the world using the address and code for your venue.

Stops sharing your screen with the projector.

Rotates image clockwise.

Starts a slideshow of your images.

Projection options:
- Full-Screen
- Upper-Left
- Upper-Right
- Lower-Left
- Lower-Right

Projection Options: Allows you to display more than one image in different areas of the projector screen.

Shot and Show: Take screenshots, or use the camera on your device, and the images will automatically show on the projector when using the shot and show function.

8. When finished and leaving the conference room, press and hold the **Display On/Off** button for 3 seconds. The LED display will turn off.

Please Note: AirMedia is NOT ideally suited for displaying video content (e.g. YouTube, DVDs, video files, etc.) It is meant for simpler applications like Keynote, MS PowerPoint (.ppt, .pptx), MS Word (.doc, .docx), MS Excel (.xls, .xlsx), PDF (.pdf), JPEG (.jpg, .jpeg), etc. However, for a smooth video experience a wired network connection is required.

Wired (VGA/HDMI) Connections

1. Press the **Display On/Off** button on the AV control panel. The LED display will turn on.

2. Connect your device and necessary adapters to the Crestron AV wall plate using the provided **HDMI** or **VGA** cable.

3. If not already selected, press the **VGA** or **HDMI** button on the AV control panel to switch the source to the appropriate connection you are using.

4. Power on your device. The AV system will detect it and begin projecting on the screen.

Crestron AV Wall Plate

5. If your device is awake and connected but not projecting, unplug the adapter or cable from your device and then reconnect.

6. When finished and leaving the boardroom, press and hold the **Display On/Off** button for 3 seconds. The LED display will turn off.

7. Disconnect the **HDMI** or **VGA** cable from your device and the Crestron AV wall plate.

Note: The **USB HID** input port is for IS&T administrative purposes only.