

# Operation

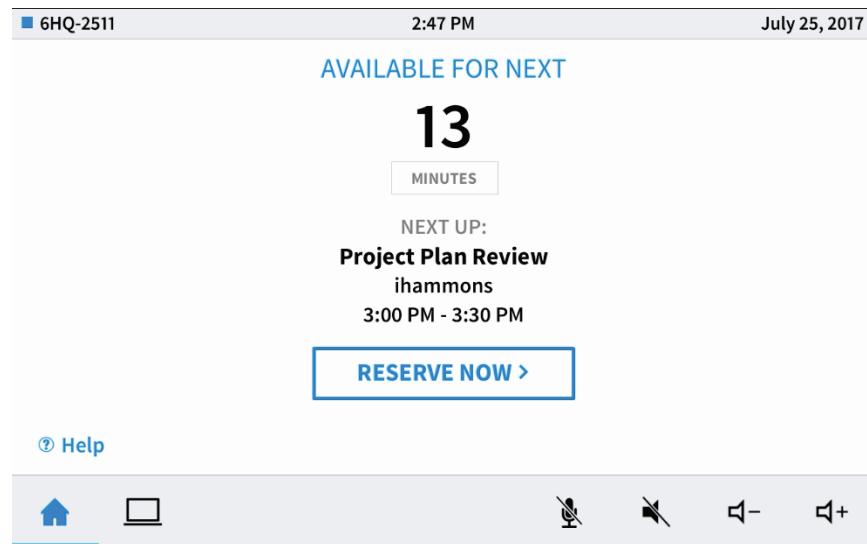
The .AV Framework touch screen project provides a collection of room scheduling and BYOD (bring your own device) presentation capabilities. The various screens that comprise the user interface are described in the sections that follow.

## Display Overview

Each screen in the .AV Framework touch screen project has a status bar that provides the room name and the time and date (set using the web-based configuration utility). The status bar also has a square status icon next to the room name that turns red when the room is reserved and blue if the room is available.



Each screen also has a footer bar that provides buttons for navigating and controlling the system volume (when DMPS3 volume control is activated). The following image shows a typical home screen (the project's default page) with the status bar and footer bar.

*Home Screen (Room Available) - Status and Footer Bars*







The footer bar provides the same buttons regardless of which screen is selected. Refer to the following tables for more information on footer button functionality.

### Navigation Buttons

	The home button navigates to the home screen.
	The present button navigates to the present screen

### Volume Control Buttons

	The mic mute button mutes or unmutes the device microphone.
	The volume mute button mutes or unmutes the device volume.
	The volume lower button incrementally lowers the device volume.
	The volume raise button incrementally raises the device volume.

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**NOTE:** The volume control buttons and the volume bar are visible only if DMPS3 speaker and volume output controls are enabled on the DMPS3 device (set using the web-based configuration utility) and if the device driver supports volume control. For more information, refer to "System" on page 10.

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## Home Screen Overview

The home screen is the default screen of the touch screen project. The home screen indicates whether the associated room is either available or reserved for meetings if .AV Framework is connected to a scheduling calendar. If the room is available, the home screen allows an ad hoc meeting to be reserved from the touch screen. If the room is reserved, the home screen displays current meeting information and the time remaining in the meeting.

If .AV Framework is not connected to a scheduling calendar, the home screen displays a custom logo (if enabled) or the date and time, and provides a button is used to switch to the system's default route.

The home screen may be accessed at any time by touching the home () button on the footer bar.

### *Home Screen (No Scheduling Calendar Connected)*

If .AV Framework is not connected to a scheduling calendar, the home screen displays the following information:

- A custom logo (if enabled through the configuration utility)
- The time and date (if no custom logo is enabled)
- A **START** button that switches to the system's default route automatically

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**NOTE:** The **START** button text may be customized by using the configuration utility. For more information, refer to "Touch Screen Custom Graphics" on page 14.

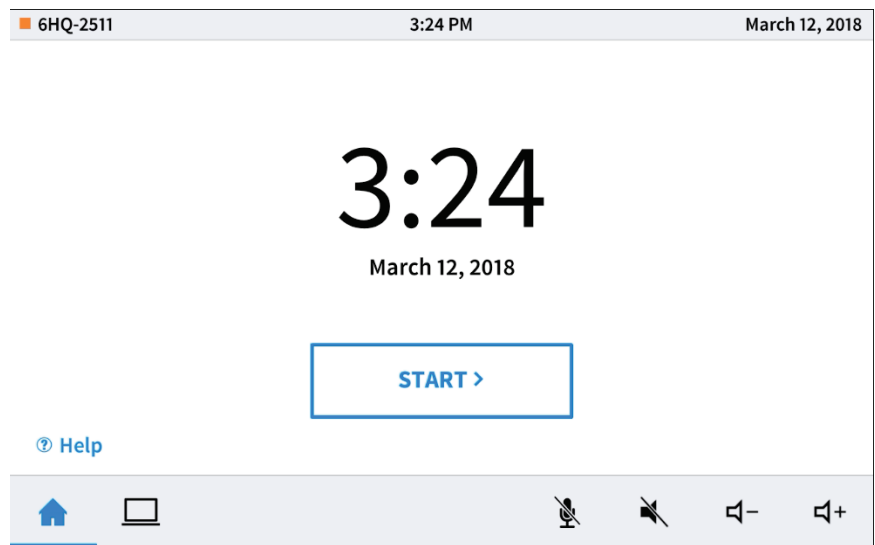
**NOTE:** For more information on setting the system's default route, refer to "Inputs/Outputs" on page 24.

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- A **Help** button that provides more information on the functions and controls of this screen

The image on the following page shows a typical home screen when .AV Framework is not connected to a scheduling calendar.

*Home Screen (No Scheduling Calendar Connected)*



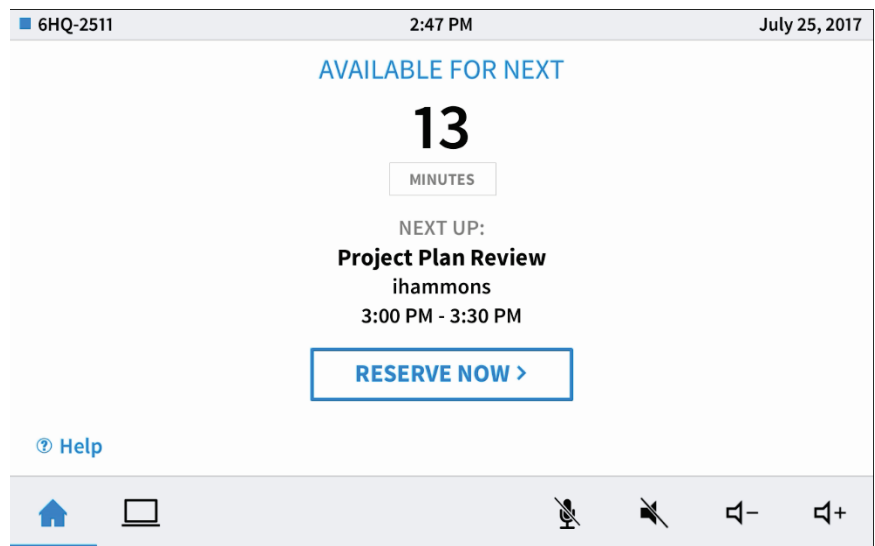
*Home Screen (Room Available)*

If .AV Framework is connected to a scheduling calendar and the room is available, the home screen displays the following information:

- The time remaining (in minutes) until the next scheduled meeting occurs
- The name, organizer, and duration of the next scheduled meeting
- A **RESERVE NOW >** button that allows an ad hoc meeting to be scheduled through the touch screen
- A **Help** button that provides more information on the functions of this screen

The following image shows a typical home screen when the room is available.

*Home Screen (Room Available)*

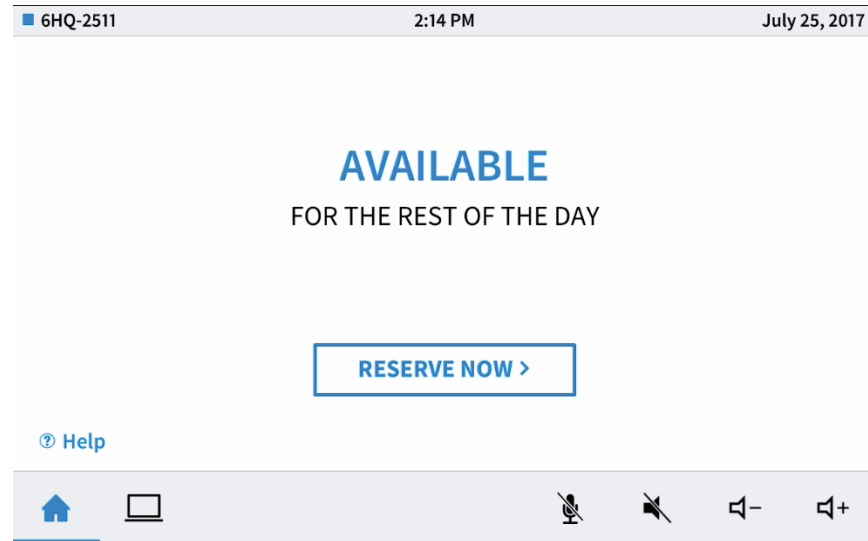


If the room is available for the rest of the day, the home screen displays the following information:

- A **RESERVE NOW >** button that allows an ad hoc meeting to be scheduled through the touch screen
- A **Help** button that provides more information on the functions of this screen

The following image shows a typical home screen when the room is available for the rest of the day.

*Home Screen (Room Available for the Rest of the Day)*



*Home Screen (Room Reserved)*

If the room is not available, the home screen displays the following information:

- The time remaining (in minutes) until the current meeting ends
- The name, organizer, and duration of the current meeting
- The duration and name of the next scheduled meeting
- A **Help** button that provides more information on the functions of this screen

The image on the following page shows a typical home screen when the room is reserved.

### Home Screen (Room Reserved)

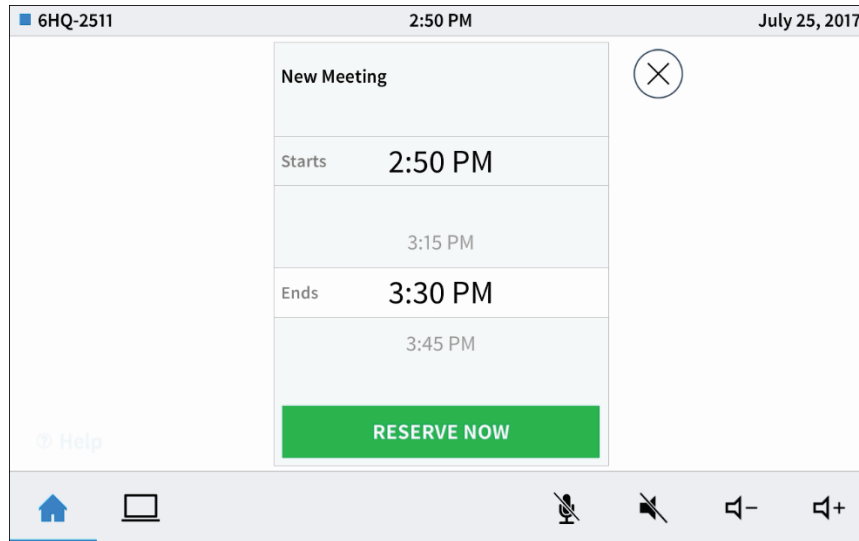


### Reserving a Meeting from the Home Screen

Use the following procedure to reserve an ad hoc meeting from the home screen when the room is available:

1. Touch **RESERVE NOW** > on the home screen. The new meeting screen displays.

#### New Meeting Screen



2. Touch one of the available meeting end times to set the duration of the meeting. The room may be reserved for up to three lengths:
  - Until the current half hour interval ends (If the current time is 10:17AM, the end time for this option is 10:30AM.)
  - Until the current half hour interval ends plus 30 minutes (If the current time is 10:17AM, the end time for this option is 11:00AM.)
  - Until the current half hour interval ends plus 60 minutes (If the current time is 10:17AM, the end time for this option is 11:30AM.)

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**NOTE:** These options are available only if a meeting is not already scheduled during that timeframe.

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3. Touch **RESERVE NOW** to reserve the meeting.

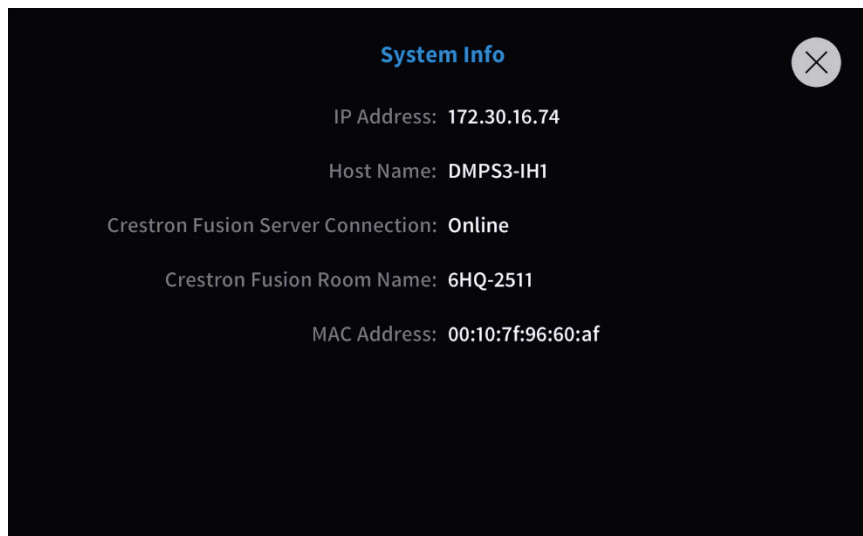
To discard the reservation, touch the **x** button on the top right of the screen.

### *Accessing the System Info Screen*

To access the **System Info** screen, touch and hold the **Help** button on the home screen for 20 seconds.

The **System Info** screen displays the device IP address, the device hostname, the Crestron Fusion server connection status, the Crestron Fusion room name, and the device MAC address.

#### *System Info Screen*



To exit the **System Info** screen and return to the home screen, touch the **x** button on the top right of the screen.

## Present a Source Screen Overview

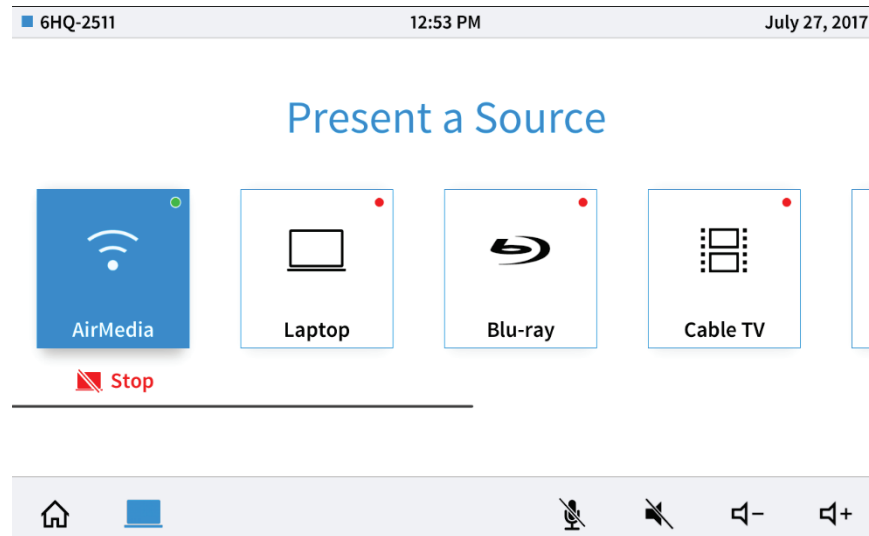
The present screen allows content to be routed from a connected device to the main display in the room via .AV Framework.

Select one of the available presentation options on the present screen to route that source to the main display. The present screen provides different options depending on the number of display outputs supported by the DMPS3 device.

### *Present a Source Screen - Single Display*

If the DMPS3 device supports a single display, the present screen appears as shown in the following image.

#### *Present a Source Screen (Single Display)*



Select one of the available presentation options to route the selected source to the main display. The source is controlled directly through the touch screen project.

Each available source has a green or red icon in the top right corner of the selectable box. A green icon indicates that video signal is present for that source, while a red icon indicates that video signal is not present.

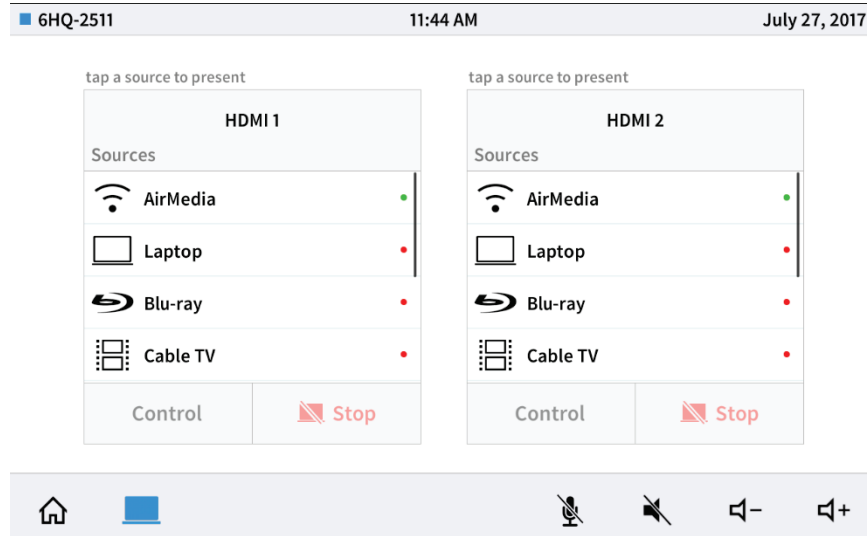
**NOTE:** If a source is active, the source's background tile turns blue and a **Stop** button is shown. Press the **Stop** button to stop routing the source to the display.

**NOTE:** If one source is enabled for presentation, the control page for that source loads automatically when the present screen is accessed.

## Present a Source Screen - Dual Display

If the DMPS3 device supports dual-display presenting, the present screen appears as shown in the following image:

### Present a Source Screen (Dual Display)



The present screen for dual-display presenting contains two columns (one for each display). Select one of the available presentation options in the appropriate column to route the selected source to the desired display. Once a source is chosen, the following controls are available:

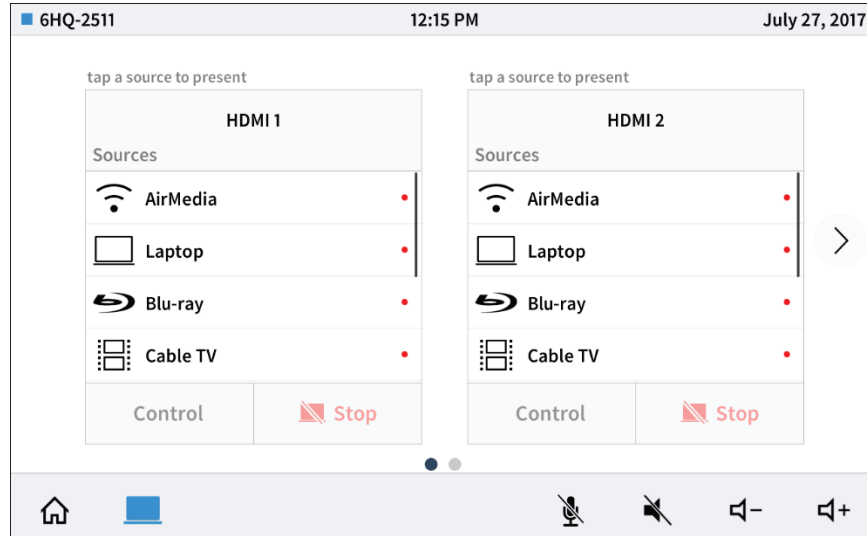
- Press **Control** to display the control settings for the chosen source.
- Press **Stop** to stop presenting the chosen source.
- Press the speaker icon to the right of the chosen source name to adjust the volume settings for the source.

Each available source has a green or red icon on the right side of the source's column. A green icon indicates that video signal is present for that source, while a red icon indicates that video signal is not present.

## Present a Source Screen - More than Two Displays

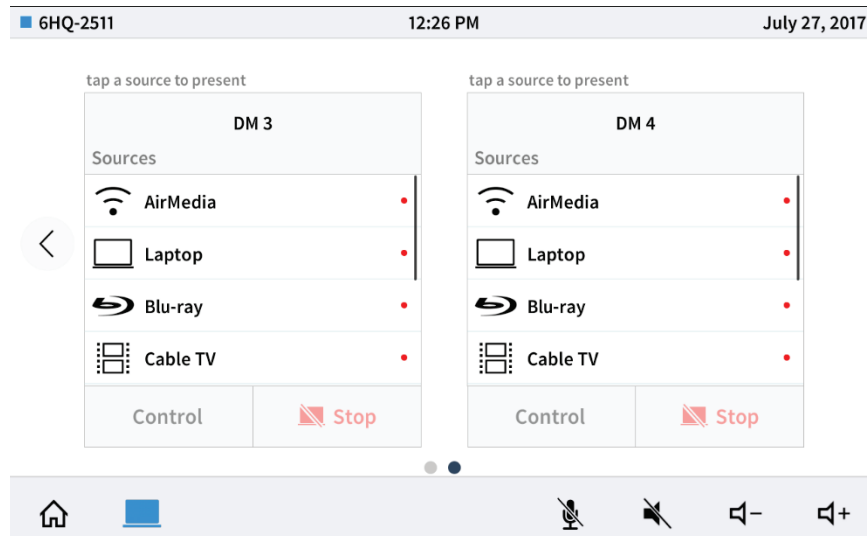
In a system with more than two displays, the present screen divides the displays across multiple pages as shown in the following image.

### Present a Source Screen (More than Two Displays)



The present screen for two or more displays is functionally similar to the present screen for dual display. However, additional displays may be accessed by touching the arrow icon (>) on the far right of the screen.

### Present a Source Screen (More than Two Displays) - Second Page

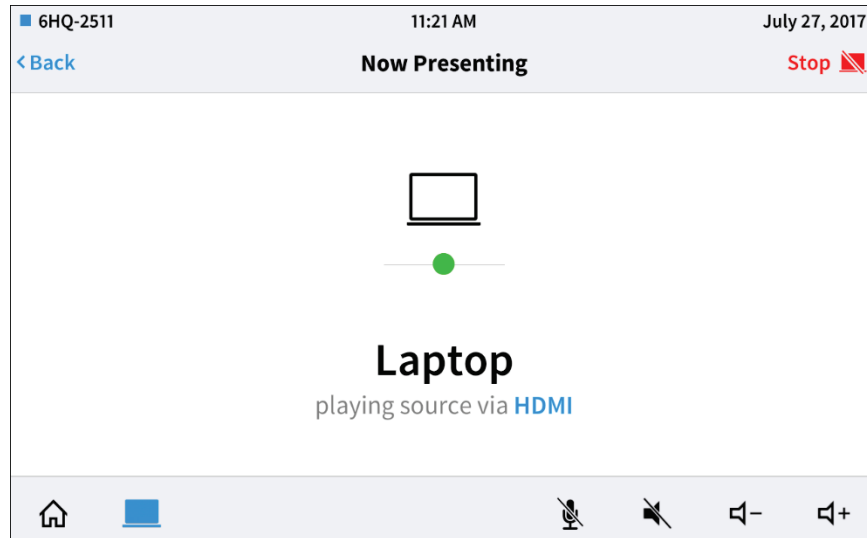


Use the arrows on the far left and far right of the screens to navigate through the available display screens. (Two displays are shown per screen.) Each screen contains page indicator dots to show the total number of display screens and to indicate the screen that is currently selected (represented by a dark gray dot).

## *Now Presenting Screen - HDMI Source*

When a source connected by HDMI (such as a Laptop) is selected, the following screen is displayed.

### *Present Screen - HDMI Source*



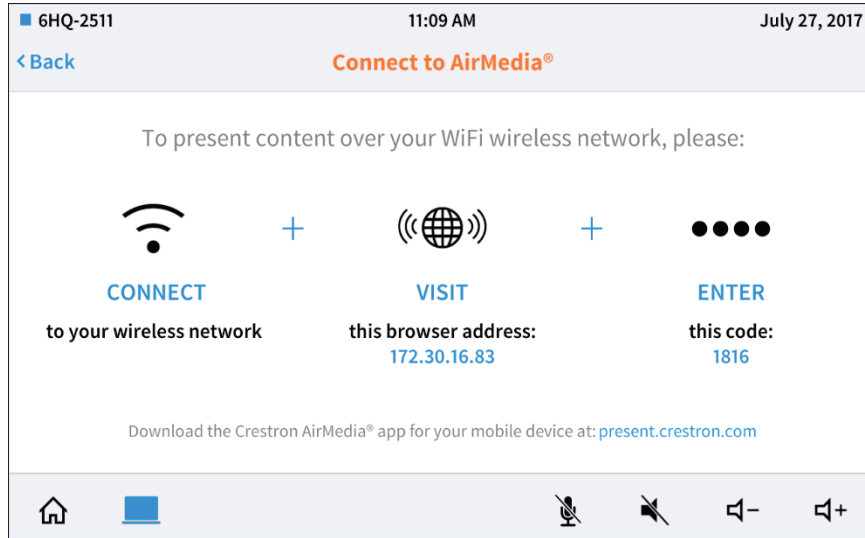
The **Now Presenting** screen for HDMI displays the input name and connection type. The circle icon in the center of the screen turns green if the source is connected and turns red if the source is disconnected.

Press **Stop** on the top right of the screen to disconnect from the HDMI source. Press **< BACK** to return to the **Present a Source** screen. (Pressing **< BACK** does not disconnect the source.)

## Connect to AirMedia Screen

When an AirMedia source is selected and the wireless connection has not already been established, the following screen is displayed.

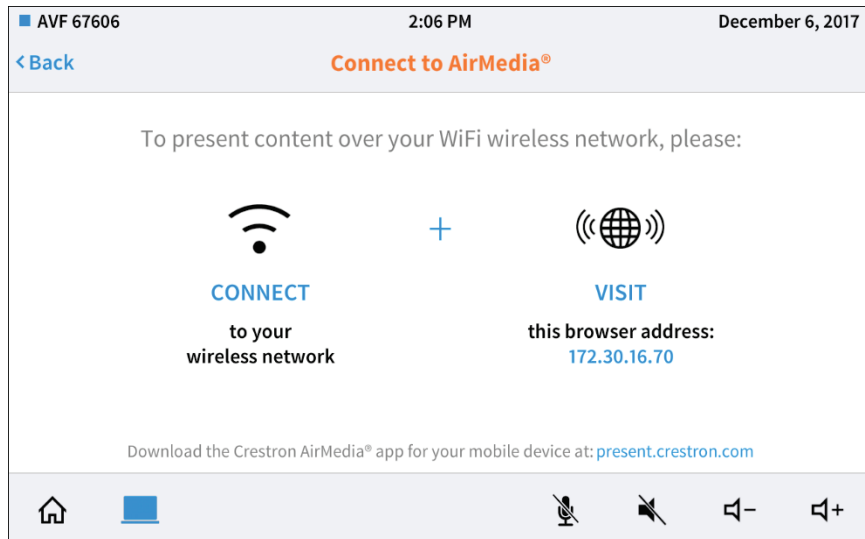
### Connect to AirMedia Screen



The **Connect to AirMedia** screen displays instructions for connecting to the AirMedia device over a wireless network. Once this connection has been established, AirMedia may be selected as a presentation source.

If the connection code has been disabled, a version of the **Connect to AirMedia** screen displays that omits this step. For more information on disabling the connection code, refer to the AirMedia device's documentation at [www.crestron.com/manuals](http://www.crestron.com/manuals).

### Connect to AirMedia Screen - Connection Code Disabled

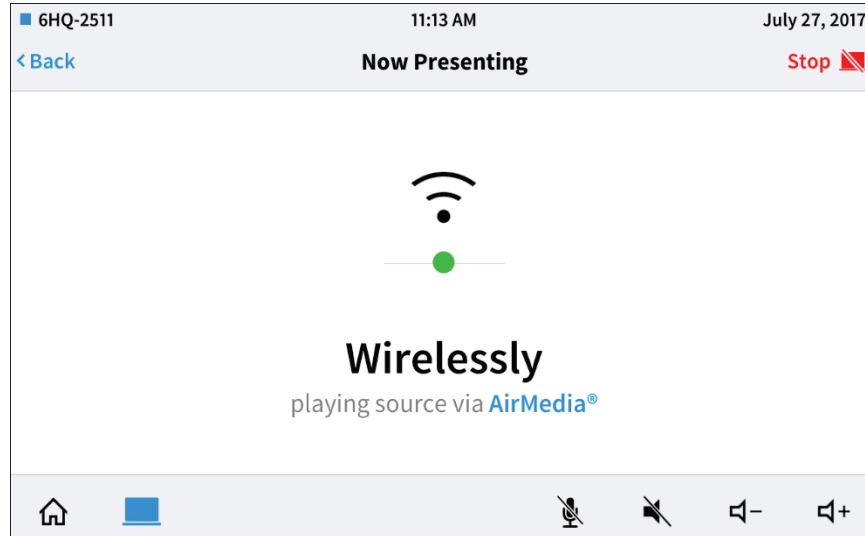


Press < **BACK** to return to the **Present a Source** screen.

### *Now Presenting Screen - AirMedia Source*

When an AirMedia source is selected (once a wireless connection has been established), the following screen is displayed.

#### *Present Screen - AirMedia Source*



The **Now Presenting** screen for AirMedia displays that the source is connected wirelessly over AirMedia. The circle icon in the center of the screen turns green if the source is connected and turns red if the source is disconnected.

Press **Stop** on the top right of the screen to disconnect from the AirMedia source. Press **< BACK** to return to the **Present a Source** screen. (Pressing **< BACK** does not disconnect the source.)

### *Now Presenting Screen - Other Source Devices*

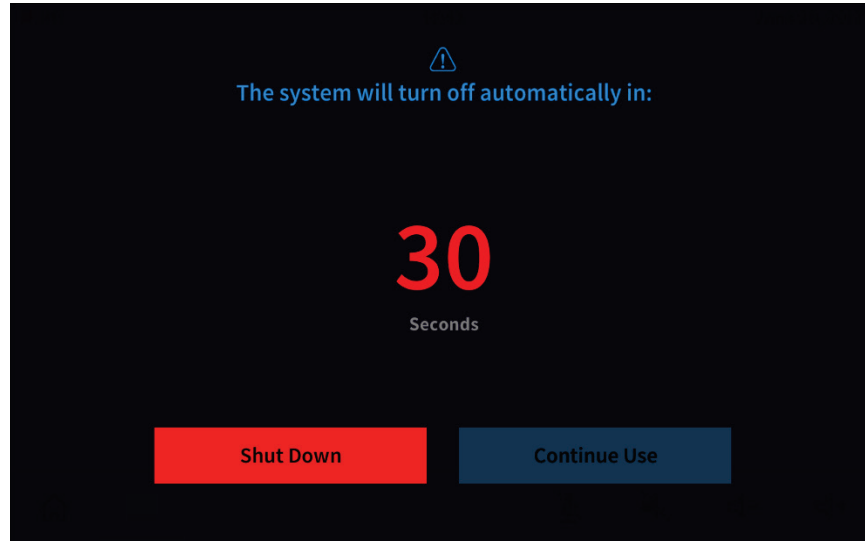
The touch screen project provides custom **Now Presenting** screens for certain source devices, such as cable TV receivers and video servers, which include controls that are specific to the device.

To view more examples of **Now Presenting** screens for other source devices, refer to the .AV Framework DMPS UI Guide at [www.crestron.com/manuals](http://www.crestron.com/manuals).

## System Notifications

When system turn off is triggered (for example, by pressing the power hard button on the touch panel), the following screen displays.

### *System Turn Off Message Screen*



This screen shows the number of seconds until .AV Framework powers off. Touch the **Shut Down** button to shut the system down now, or touch the **Continue Use** to cancel system shutdown.