



RELEASE NOTES

Crestron AirMedia Presentation System

1.4494.00025.001

Product or Content Description

Included Products:

- **AM-200**
- **AM-300**

Item	Value
File name	amps_1.4494.00025.001.puf
Version	1.4494.00025.001.puf
MD5	75B3F2E65E4B5825B91C27727A60A8D1
SHA-256	30B8E293E49D3937809FD999EF4DD64B3C6E9DA9F3F0C0A195C93213F70E9D0B

System Requirements and Dependencies

The following Software tool and firmware versions (or higher) are recommended:

Crestron Fusion	11.0.5
Microsoft Exchange on premise	2010 or later
Microsoft Exchange Cloud	O365
SIMPL Windows	4.09.04.01
Device Database	200.00.015
Crestron Database	70.00.001
	AVF_UI_1052_v5.01.00.002.vtz (AVF 1.0 UI)
.AVF Touch Panel Project	AVF2.0_TS_v5.01.00.002.vtz (AVF 2.0 UI)
	AVF_UI_UC_v5.01.00.002.vtz (AVF 1.0 UI for Flex Mode)

It is also recommended that all AirMedia applications for the Windows, Android, iOS, Mac OS be updated to support all the features in this release.

Upgrade Instructions

- Firmware is installed using the device's webpage, XiOCloud, or Auto Update. Crestron Toolbox is not used to install this firmware.
- It is recommended that when upgrading your system, you upgrade from a version that is a maximum of two versions prior to the version being installed.

Current Version

1.4494.00025.001

Date: 2020-9-30

Item	Value
File name	amps_1.4494.00025.001.puf

New Features

- Wireless Access Point Mode – enables guest access for clients using AirMedia apps for Windows, Android, Mac, iOS using the AM-USB-WF/-I wireless module.
 - Captive portal automatically launches a web browser to the AirMedia landing page to guide the user on how to connect. Enable “Automatically Launch AirMedia Landing Page” to leverage this feature.
 - Front of the room experience can display Wireless Access Point or customer's own WiFi connection info.
 - Paired touch panel shows wireless access point mode info.
 - Note:
 - Internet connection is not provided via this access point mode so it is recommended that applications or data required during presentation are downloaded beforehand.
 - The AirMedia Chrome Extension for ChromeOS devices is not supported via the Access Point Mode
 - Network connectivity on the LAN adaptor is required for the Wireless Access Point Mode to function.
- HDMI Output now allows for the setting of underscan in the values of 0%, 5%, 10%, 15%
- AirMedia Discovery can now be enabled and disabled to reduce mDNS traffic for more complex network environments.

Known Issues

- Configuration for the new features in this release via XiO Cloud is not available. Support via XiO Cloud will come as part of a future release.
- Via priority routing or the canvas control interface on a paired touch panel, the system has the ability to route/play an AirMedia Windows or Android source that is in a stopped state. Simply disconnect from the AirMedia app to prevent this from occurring if this is not desired.
- Enable “Automatically Launch AirMedia Landing Page” or the WiFi captive portal mechanism may not work on mobile (Android/iOS) devices consistently.

- The “Start Presenting” mechanism via safari on iOS does not launch the iOS application correctly.
- Access to the administration pages when connected via the WiFi access point mode may not be possible depending on the client configuration.
- On Windows devices, “Connect Automatically when in range” is not supported to better support the guest network use-case.
- On iOS devices, “Use without internet” must be selected after connecting to the access point.
- AirMedia connection details in the AirMedia connection info overlay may be cropped when the resolution is set to less than 1920x1080.
- There may be a stutter on transition of images when using Appspace content.
- HDMI Input may be slightly less performing when underscan is enabled.

Fixed Issues

- Fixed an issue where HDMI input status was not reflected correctly to XiO Cloud
- Fixed an issue where AirMedia presentation from the AirMedia Windows app ramps to a high volume momentarily.

Previous Versions

1.4493.00039.003

Date: 2020-7-30

Item

Value

File name

amps_1.4493.00039.003.puf

New Features

- AirMedia Canvas – enables two sources to simultaneously present on screen. The sources are dynamically positioned to optimize content viewing based on the source resolution, aspect ratio, and orientation. Sources can be wireless presentation sources (AirMedia/Miracast), DM (AM-300 only), HDMI, or Airboard. Note: this feature is not enabled by default. To take advantage of this, please enable “AirMedia Canvas” and the “Show AirMedia Connection Info Overlay” in the WebUI.
 - If you are using a touch panel paired to the device, make sure you use the .AV Framework 2.0 user interface to take advantage of this new feature. The legacy interface only supports manual single source routing.
 - Control system programming (joins) are not supported for this AirMedia Canvas feature as of yet. Please do not enable if your video routing is controlled by a Crestron control system.
- AirMedia Status – the WebUI now shows a status page of the connected users.
- AirMedia Application Auto-update – the AirMedia applications for Windows and MacOS served up on the AirMedia user landing page can now be auto-updated from Crestron’s cloud or your own file server.
- The Front of the Room Experience (Splash Screen) can now be set to a light or dark theme.
- Modern Authentication for the Microsoft O365 Scheduling Integration is now supported.
- The device has support for improved security options. New units or restored units will now require you to change the default username/password for accessing the configuration of the device.

Known Issues

- Configuration for all new features in this release via XiO Cloud is not available. Modern Authentication for O365 will be available in the short term and all other features will be available later.
- When AirMedia Canvas is enabled and two wired sources are presenting on the AM-300 (DM and HDMI), only the last detected presentation will support audio.
- With priority routing enabled, depending on the ranking and source type, the system has the ability to automatically route an AirMedia Windows or Android source. Simply disconnect from the AirMedia app to prevent this from occurring.
- AirMedia Windows app volume may not be retained at the start/stop of a presentation (if level is over 50)
- The Revert option in the WebUI may not revert settings related to A/V Routing Configuration if activated. Work-around is to manually reconfigure settings.
- Modern Authentication for Microsoft O365 may not display a calendar email address if not using an impersonation or delegate account.
- The occupied/sleep status in XiO Cloud may not reflect the actual state of the device.
- Google Calendar may report successful with an invalid Calendar account/ID. Simply replace it with valid credentials.
- There is a known connection issue with the Samsung DM Display driver which is posted via the Crestron Certified Drivers portal when the ID is set to a value above 1. It is recommended that the driver that is available via the pre-loaded list be utilized if ID is set above 1. Alternatively, the driver in the portal can be used if your configuration utilizes an ID: 1.

Fixed Issues

- Fixed an issue where display control via Crestron Fusion would not report or work correctly.
- Fixed an issue where the HDMI output of the AM-300 may stutter or shake.

Item	Value
File name	amps_1.4214.00018.002.puf

New Features

- Support for PoE Oc Sensor (CEN-ODT-C-POE) as an alternative to the currently supported Zum Occupancy Sensor. The room and the connected display/projector can be configured to turn on/off based off of occupancy, occupancy and/or business hours.
- Crestron Certified Drivers Portal Integration - In prior, the supported display/projector drivers for AM-200/300 were a fixed list. Now, the device connects directly to the Crestron Certified Drivers Portal to download ANY driver in the database.
- Various Front of the Room Experience (Splash Screen) Updates
 - Local image storage allows a user to upload backgrounds or logo (as an alternative to having to point to a file storage URL.
 - Logo/Background Force Refresh allows a user to determine a time interval of which the OSD will check with the file storage site if a background/logo has been updated.
 - Connection Font Size allows a user to select a small, medium, large font size for the connection info in the bottom white bar.
- Google Calendar support - Google Calendar is an alternative scheduling provider to integrate for calendaring display on the OSD in addition to the already supported O365/Exchange.
- AVF 2.0 UI support - If a touch panel is paired directly to the AM-200/300, a user can now select the AVF 2.0 or 1.0 interface. This gets loaded directly from the cloud after an IP Table entry and connection on the touch panel.
- Help Page Customization - System administrators can load a custom help page icon to guide their users to a help page custom to their particular organization (when a touch panel is paired directly to the AM-200/300)
- Secure AirMedia landing page - If a web certificate is loaded, the system administrator will have an option to force the AirMedia landing page to be served as secure/HTTPS.

Known Issues

- There is a known connection issue with the Samsung DM Display driver which is posted via the Crestron Certified Drivers portal when the ID is set to a value above 1. It is recommended that the driver that is available via the pre-loaded list be utilized if ID is set above 1. Alternatively, the driver in the portal can be used if your configuration utilizes an ID: 1.
- Configuration for all new features in this release (except Crestron Certified Drivers portal integration) via XiO Cloud is not available.
 - If a user is using the AM-200/300 Image Upload feature for custom backgrounds/logo and XiO Cloud, it is recommended that the Custom Backgrounds or Custom Logo settings should not be enforced from XiO Cloud management.
- When an .SVG image type is used for custom backgrounds/logo, the web user interface cannot preview the image and displays "Cannot load image"
- After switching from the AVF 1.0 to 2.0 Touch Panel UI, the custom help page (if enabled) shows loading every single time. After a system restart, the issue no longer persists.
- Unable to stop registration process for Google Calendar if the calendar ID is entered incorrectly. The registration process can be restarted after 30 minutes.
- The AVF 2.0 UI does not show the next meeting information vs. the AVF 1.0 UI.

- There is an issue when switching between AVF 1.0 and 2.0 UIs and setting a custom background as AVF 2.0 does not support this. Recovery is to switch back and forth and reset the custom backgrounds.
- If a touch panel already has a AVF 1.0 or 2.0 UI loaded, and they initialize the panel, then the auto-load functionality may not work. Work-around is to switch between 1.0 and 2.0.
- When using the Image Refresh feature, a web server that supports returning file headers must be used.
- Drivers that use a shared key (such as Sony XBR) will not work.
- If registering Google calendar from an Android device, the appropriate registration pages may not load. It is advised to use a different device to set these configuration parameters.

Fixed Issues

- Fixed an issue where a digital noise would be heard on the HDMI Output randomly after device disconnect or reconnect.
- Fixed an issue where Miracast presentation would be terminated after 60 minutes when connected WiFi Direct.
- Fixed an issue that when logging into web interface admin pages from OS X Catalina and Safari may not work due to security changes.

1.4213.00022.001

Date: 2019-12-12

Item	Value
File name	amps_1.4213.00022.001.puf

New Features

- N/A

Known Issues

- N/A

Fixed Issues

- Fixed an issue with registering the device into Crestron XiO Cloud.

1.4213.00021.002

Date: 2019-11-07

Item	Value
File name	amps_1.4213.00021.002.puf

New Features

- N/A

Known Issues

- Logging into web interface admin pages from OS X Catalina and Safari may not work due to security changes.
- Start presenting from the AirMedia landing page and Safari browser on iOS may not work.
- Custom EDID on DM Input page in WebUI may not be loaded properly.

- When using Flex Mode, black video may be displayed if the AirMedia receiver is put into a standby state. Crestron recommends that the receiver be in an ALWAYS ON configuration.

Fixed Issues

- Fixes an issue with the AirMedia Web Landing page re-directing to HTTPS
- Fixes an issue where sometimes, AirMedia receivers are not available in the automatically discovered list.

1.4213.00018.001

Date: 2019-10-15

Item	Value
File name	amps_1.4213.00018.001.puf

New Features

- Supports Miracast for Windows 10 devices via Infrastructure Mode or WiFi Direct. (Requires AM-USB-WIFI adaptor)
Note: when Miracast is used, the Zum AV Bridge via USB is not supported.
- Supports Flex Mode when used in conjunction with Crestron Flex Kits. (Disables HDMI Video Output unless a source is active) – to be used with special VT-Pro-e project (AVF_UI_1052_v4.0.4603-UC.vtz)
Note: When using Flex Mode, HDCP Mode needs to be set to NEVER. The touch panel in this configuration should be set to communicate to the AM device at IPID 'FD'. The standby behavior of the AM-200/300 is not supported and is expected to be Always On.
- Supports various settings and parameters previously available only on web configuration pages in XiO Cloud
- Reports AirMedia client information to XiO Cloud for dashboard/analytics such as sender version and operating system.
- Supported encrypted channels between AirMedia receiver and sender applications.
- Supports user-loaded certificates for encrypting AirMedia connections
- Adds functionality to URI scheme for automatically launching AirMedia applications (“show” parameter for minimizing, “close” parameter for closing application)
- Mac OS Application enhancements
 - Per Mac OS security changes, the directory for the config file which points to the room list is now: /Users/<user>/Library/Containers/com.crestron.AirMedia2/Data/Library/Application Support/Crestron/AirMedia/Configure/
 - Supports Room Lists stored at HTTP/HTTPS locations
 - Supports various local and cloud directories for room list storage
- Adds ability to set HDCP receiver capability on the DM Input of the AM-300
- Adds ability to disable the calendar reservation capability when using the .AV Framework touch panel interface on a paired touch panel.

Known Issues

- The AirMedia landing page (which is accessed when connecting to the device address) force re-directs to HTTPS causing users to have to click through a web browser warning page.
- When connecting via Miracast and Wi-Fi direct, presentation drops at times depending on the type of device.

- Miracast presentation may exhibit video stuttering performance if used in combination with network switches with insufficient buffer size. Please refer to the AirMedia deployment guide for best practices when using Miracast.
- When a network outage occurs, and calendar interaction occurs, a reboot may be required to re-sync the calendar.
- When using Flex mode, a brief flicker of the default splash screen may occur.
- When using an Apple product without a built-in HDMI output, it is always recommended to use the Apple certified adaptor otherwise color/quality issues may occur.
- When using Airboard and Flex mode and the login code turned off, there is no prompt on the touch panel to advise a user a remote user is requesting access.
- Sometimes, AirMedia receivers are not available in the automatically discovered list.
- A restore is required when reverting back to a previous firmware version and upgrading again after to a newer version.
- When AirMedia wired connection details are hidden or made visible, the pinpoint UX splash screen footer will re-adjust and shift certain elements to the left. (This is a behavioral difference from previous releases).
- The Airboard session may require a restart after extended usage due to network connectivity interruption and memory usage. Note the Airboard connection may restart automatically at 3AM local time due to this memory usage.
- Airboard pairing may fail on the first attempt. A subsequent retry will be successful.
- Transitioning from VideoOut=4d (Airboard) to another source requires first going to VideoOut=0d (PinPoint UX Landing Page) and then selecting another source (this ensures proper Airboard session termination).
- When a remote user requests to view the Airboard and is ignored from the touch panel, the remote user may not know that they were rejected and have to wait till the page times out.
- When a remote user initiates the Airboard session, the user name is not uniquely identified.
- When restoring the AM-200/300 and an Airboard is paired, pairing is not cleared on the Airboard device side. Go to the Airboard web UI, and delete pairings and re-pair.
- Airboard timeline slide-deck may not be received or may be incomplete when interval is set lower than 5 minutes.
- AirBoard can automatically route to the front of the room under certain conditions when a remote participants starts a session
- When pairing an Airboard, it may take up to a minute for the connection status to change to connected and the pairing process can be completed.
- Occasionally, a participant who is accepted into an Airboard session may not actually be added. A re-attempt is required.
- Occasionally, a remote participant who is not accepted into an Airboard session may not time out.
- The airboard session will remain active after a reboot if the AM-200/300 is rebooted during an active session.
- For the touch panel auto update feature (auto load of touch panel project), a new TSW firmware is required so that the touch panel firmware and project can be independently updated.
- When wirelessly presenting from a 4K capable device on certain device picture distortion and blur is seen.
- When using Youtube with video push from an iOS device, volume control on the device may not be possible.

- Airmedia presentation from an iOS device may fail when the screen is locked.
- The custom logo recommended size is 110px in height.
- Transition to full screen signage in standby signage (Appspace) via a control system takes 30 seconds. It is recommended that UI incorporate a 30 second timer similar to that of AVF.
- When Fusion settings are applied to a device after restore from XiO Cloud, the related settings may not take effect and cause a reboot loop. Workaround is to apply the same settings again.
- HDCP Mode and Output Resolution is not supported via XiO Cloud
- Link Local is not supported for AM-300 by default
- The new AirMedia 2.0 connection experience does not launch the PinPoint application. A user must directly go the PinPoint application if they desire to use it to connect to AirMedia.
- Occasionally, "Unable to Add Device to the Airplay List" Error message pops up when trying to connect AirMedia from AirMedia MacOS Desktop Sender
- Occasionally, AirMedia application constantly runs in the background and can sometimes generate an "AirMedia has stopped error causing the user to have to manually restart the application on certain Android devices, even when not in use.
- Appspace portal fails to show the device real time IP address after it has changed.
- Appspace portal fails to know actual status of AM-200/300 (shows offline when it is actually online)
- When transitioning to Appspace content (from HDMI, AirMedia, or DM), the message "Device is in standby mode, searching for default channel" may flash for around 1 second.
- When in AM-10X Compatibility Mode, Fusion may show an incorrect control system connection status.
- When in AM-10X Compatibility Mode, AM-200 will not control a display via IR.
- A reboot of the AM-200/300 is required after a control system is removed.
- Disabling auto-route from a control system during an active presentation does not stop the video from routing on input detection.
- When using Chrome for the new AirMedia 2.0 connection experience with an older version of the AirMedia client installed, a pop up may display asking the user to look for Crestron-AirMedia in the app store. The user should just download the application from the AirMedia landing page.
- After installation of AirMedia on MacOS; all previous receiver information is lost.
- Firefox browser on all client types does not support the new AirMedia 2.0 connection experience.
- Wireless Sensor Status and Occupancy state can get out of sync. An occupancy state change is needed to resync. This typically occurs during the pairing process.
- AirMedia with Android devices does not support audio.
- TSW and External Display may not be powered on when occupancy sensor is in occupied state. This occurs if there is a rapid state change in the occupancy state. Commands during the warm up and cool down periods are not executed, therefore, the user can get into an out of sync state between the TSW, external display and occupancy sensor.
- TSW shows Offline in Fusion on Information Screen but Fusion shows Online.
- CEC displays do not always power off or on with button press or occupancy state change.
- The AM-200 must be powered by PoE or 24V. The AM-200 does not support seamless switching between two power sources. If both sources are connected, the AM-200 may reboot during active use (if for whatever reason one power source is switched off).
- The Setup LED will not display the IP address of the AM-200 on the external display

- Secure CIP connection using self-signed certificate cannot be completed through the web interface. If required please use Crestron toolbox to enable Secure CIP.
- Device Online LED is enabled at all times, even when the device is not connected to a control system.
- Video issues observed with 24hz resolutions. It is recommended to use EDIDs without preferred 24Hz resolutions
- NEC/Sony displays do not always power on/off when controlled via IR.
- Serial Join “Custom URL” requires ASCII conversion in SIMPL windows to properly modify the join in programming.

Fixed Issues

- Fixed an issue where the logo was not resizing properly on the front of the room splash screen.
- Fixed various issues related to certificate loading

1.3976.00039.003

Date: 2019-07-15

Item	Value
File name	amps_1.3976.00039.003.puf

New Features

- Supports a configuration based integration with Crestron Airboard (requires new AVF touch panel project)*¹
- Supported Google Chrome OS devices via AirMedia Google Chrome Browser extension (available via Chrome Web Store)*²
- Priority routing and source naming
- Auto load of .AVF touch panel project when a touch panel is associated with the AM-200/300*³
- Supports join for changing HDCP Mode on HDMI Output
- Includes a feature to filter AirMedia only assets which are sent to Crestron Fusion

*¹The maximum suggested remote participants is 10.

*²The AirMedia Extension for Google Chrome relies on web technologies for screen sharing that are built-in to the web browser. Performance variations with motion video (quality and framerate) will be observed based upon the encoding capabilities of the Chrome OS device and the nature of the content being displayed (ex. high motion video).

*³Requires TSW firmware 2.006.0046.001 or newer

Known Issues

- A restore is required when reverting back to a previous firmware version and upgrading again after to a newer version.
- When AirMedia wired connection details are hidden or made visible, the pinpoint UX splash screen footer will re-adjust and shift certain elements to the left. (This is a behavioral difference from previous releases).
- The Airboard session may require a restart after extended usage due to network connectivity interruption and memory usage. Note the Airboard connection may restart automatically at 3AM local time due to this memory usage.
- Airboard pairing may fail on the first attempt. A subsequent retry will be successful.

- Transitioning from VideoOut=4d (Airboard) to another source requires first going to VideoOut=0d (PinPoint UX Landing Page) and then selecting another source (this ensures proper Airboard session termination).
- When a remote user requests to view the Airboard and is ignored from the touch panel, the remote user may not know that they were rejected and have to wait till the page times out.
- When a remote user initiates the Airboard session, the user name is not uniquely identified.
- When restoring the AM-200/300 and an Airboard is paired, pairing is not cleared on the Airboard device side. Go to the Airboard web UI, and delete pairings and re-pair.
- Airboard timeline slide-deck may not be received or may be incomplete when interval is set lower than 5 minutes.
- AirBoard can automatically route to the front of the room under certain conditions when a remote participants starts a session
- When pairing an Airboard, it may take up to a minute for the connection status to change to connected and the pairing process can be completed.
- Occasionally, a participant who is accepted into an Airboard session may not actually be added. A re-attempt is required.
- Occasionally, a remote participant who is not accepted into an Airboard session may not time out.
- The airboard session will remain active after a reboot if the AM-200/300 is rebooted during an active session.
- For the touch panel auto update feature (auto load of touch panel project), a new TSW firmware is required so that the touch panel firmware and project can be independently updated.
- When wirelessly presenting from a 4K capable device on certain device picture distortion and blur is seen.
- When using Youtube with video push from an iOS device, volume control on the device may not be possible.
- Airmedia presentation from an iOS device may fail when the screen is locked.
- The custom logo recommended size is 110px in height.
- Transition to full screen signage in standby signage (Appspace) via a control system takes 30 seconds. It is recommended that UI incorporate a 30 second timer similar to that of AVF.
- When Fusion settings are applied to a device after restore from XiO Cloud, the related settings may not take effect and cause a reboot loop. Workaround is to apply the same settings again.
- HDCP Mode and Output Resolution is not supported via XiO Cloud
- Link Local is not supported for AM-300 by default
- The new AirMedia 2.0 connection experience does not launch the PinPoint application. A user must directly go the PinPoint application if they desire to use it to connect to AirMedia.
- Occasionally, "Unable to Add Device to the Airplay List" Error message pops up when trying to connect AirMedia from AirMedia MacOS Desktop Sender
- Occasionally, AirMedia application constantly runs in the background and can sometimes generate an "AirMedia has stopped error causing the user to have to manually restart the application on certain Android devices, even when not in use.
- Appspace portal fails to show the device real time IP address after it has changed.
- Appspace portal fails to know actual status of AM-200/300 (shows offline when it is actually online)
- When transitioning to Appspace content (from HDMI, AirMedia, or DM), the message "Device is in standby mode, searching for default channel" may flash for around 1 second.

- When in AM-10X Compatibility Mode, Fusion may show an incorrect control system connection status.
- When in AM-10X Compatibility Mode, AM-200 will not control a display via IR.
- A reboot of the AM-200/300 is required after a control system is removed.
- Disabling auto-route from a control system during an active presentation does not stop the video from routing on input detection.
- When using Chrome for the new AirMedia 2.0 connection experience with an older version of the AirMedia client installed, a pop up may display asking the user to look for Crestron-AirMedia in the app store. The user should just download the application from the AirMedia landing page.
- After installation of AirMedia on MacOS; all previous receiver information is lost.
- Firefox browser on all client types does not support the new AirMedia 2.0 connection experience.
- Wireless Sensor Status and Occupancy state can get out of sync. An occupancy state change is needed to resync. This typically occurs during the pairing process.
- AirMedia with Android devices does not support audio.
- TSW and External Display may not be powered on when occupancy sensor is in occupied state. This occurs if there is a rapid state change in the occupancy state. Commands during the warm up and cool down periods are not executed, therefore, the user can get into an out of sync state between the TSW, external display and occupancy sensor.
- TSW shows Offline in Fusion on Information Screen but Fusion shows Online.
- CEC displays do not always power off or on with button press or occupancy state change.
- The AM-200 must be powered by PoE or 24V. The AM-200 does not support seamless switching between two power sources. If both sources are connected, the AM-200 may reboot during active use (if for whatever reason one power source is switched off).
- The Setup LED will not display the IP address of the AM-200 on the external display
- Secure CIP connection using self-signed certificate cannot be completed through the web interface. If required please use Crestron toolbox to enable Secure CIP.
- Device Online LED is enabled at all times, even when the device is not connected to a control system.
- Video issues observed with 24hz resolutions. It is recommended to use EDIDs without preferred 24Hz resolutions
- NEC/Sony displays do not always power on/off when controlled via IR.
- Serial Join "Custom URL" requires ASCII conversion in SIMPL windows to properly modify the join in programming.

Fixed Issues

- Fixed an issue of screen mirroring with certain high resolution Apple devices (ex. iPhone XS Max) and Airplay.
- Fixed an issue where the HDCP Mode join configuration does not exist.
- Fixed an issue with the behavior of the HDCP Mode selection "Never" for the HDMI Output.
- Fixed an issue where occasionally the AirMedia Windows sender would show a failed to play message when start and stop session was pressed within the application.
- Fixed an issue where it was not possible to start the AirMedia presentation when the device IP ends with ".0".
- Fixed an issue where the AM-200/300 may need to be re-registered after a network outage within 30 minutes of first registering.

1.3975.00026.002

Date: 2019-04-19

Item

Value

File name

amps_1.3975.00026.002.puf

New Features

- N/A

Known Issues

- When Fusion settings are applied to a device after restore from XiO Cloud, the related settings may not take effect and cause a reboot loop. Workaround is to apply the same settings again.
- HDCP Mode and Output Resolution is not supported via XiO Cloud
- Link Local is not supported for AM-300 by default
- HDCP Mode join configuration does not exist.
- The new AirMedia 2.0 connection experience does not launch the PinPoint application. A user must directly go the PinPoint application if they desire to use it to connect to AirMedia.
- Unable to start the AirMedia presentation when the device IP ends with “.0”.
- Occasionally, "Unable to Add Device to the Airplay List" Error message pops up when trying to connect AirMedia from AirMedia MacOS Desktop Sender
- Occasionally, AirMedia application constantly runs in the background and can sometimes generate an “AirMedia has stopped error causing the user to have to manually restart the application on certain Android devices, even when not in use.
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- Appspace portal fails to know actual status of AM-200/300 (shows offline when it is actually online)
- AM-200/300 may need to be re-registered after a network outage within 30 minutes of first registering.
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- The AM-200 must be powered by PoE or 24V. The AM-200 does not support seamless switching between two power sources. If both sources are connected, the AM-200 may reboot during active use (if for whatever reason one power source is switched off).
- The Setup LED will not display the IP address of the AM-200 on the external display
- Secure CIP connection using self-signed certificate cannot be completed through the web interface. If required please use Crestron toolbox to enable Secure CIP.
- Device Online LED is enabled at all times, even when the device is not connected to a control system.
- Video issues observed with 24hz resolutions. It is recommended to use EDIDs without preferred 24Hz resolutions
- NEC/Sony displays do not always power on/off when controlled via IR.
- Serial Join "Custom URL" requires ASCII conversion in SIMPL windows to properly modify the join in programming.

Fixed Issues

- Fixed an issue with the behavior of the HDCP Mode selection "Never" for the HDMI Output.

Fixed an issue where occasionally the AirMedia Windows sender would show a failed to play message when start and stop session was pressed within the application.

1.3975.00025.001

Date: 2019-02-22

Item

Value

File name

amps_1.3975.00025.001.puf

New Features

- New AM-10X SIMPL Compatibility mode allows drop-in replacement of AM-200 in the place of an AM-100/101 without the need for reprogramming your control system.
- Appspace Integration for digital signage.
- New AirMedia 2.0 Connection Experience (enables auto-detection of client device and auto-launching of AirMedia applications as applicable).
- AirMedia Windows and Mac support auto update capability.
- HDCP Mode Selection is added in the Web UI
- Output Resolution is added in the Web UI
- Link-local addressing and configuration is supported on the AM-200

Known Issues

- HDCP Mode and Output Resolution is not supported via XiO Cloud
- Link Local is not supported for AM-300 by default
- HDCP Mode join configuration does not exist.

- The new AirMedia 2.0 connection experience does not launch the PinPoint application. A user must directly go the PinPoint application if they desire to use it to connect to AirMedia.
- Unable to start the AirMedia presentation when the device IP ends with “.0”.
- Occasionally, "Unable to Add Device to the Airplay List" Error message pops up when trying to connect AirMedia from AirMedia MacOS Desktop Sender
- Occasionally, AirMedia application constantly runs in the background and can sometimes generate an “AirMedia has stopped error causing the user to have to manually restart the application on certain Android devices, even when not in use.
- Appspace portal fails to show the device real time IP address after it has changed.
- Appspace portal fails to know actual status of AM-200/300 (shows offline when it is actually online)
- AM-200/300 may need to be re-registered after a network outage within 30 minutes of first registering.
- When transitioning to Appspace content (from HDMI, AirMedia, or DM), the message “Device is in standby mode, searching for default channel” may flash for around 1 second.
- When in AM-10X Compatibility Mode, Fusion may show an incorrect control system connection status.
- When in AM-10X Compatibility Mode, AM-200/300 will not control a display via IR.
- A reboot of the AM-200/300 is required after a control system is removed.
- Disabling auto-route from a control system during an active presentation does not stop the video from routing on input detection.
- When using Chrome for the new AirMedia 2.0 connection experience with an older version of the AirMedia client installed, a pop up may display asking the user to look for Crestron-AirMedia in the app store. The user should just download the application from the AirMedia landing page.
- After installation of AirMedia on MacOS; all previous receiver information is lost.
- Firefox browser on all client types does not support the new AirMedia 2.0 connection experience.
- Wireless Sensor Status and Occupancy state can get out of sync. An occupancy state change is needed to resync. This typically occurs during the pairing process.
- AirMedia with Android devices does not support audio.
- TSW and External Display may not be powered on when occupancy sensor is in occupied state. This occurs if there is a rapid state change in the occupancy state. Commands during the warm up and cool down periods are not executed, therefore, the user can get into an out of sync state between the TSW, external display and occupancy sensor.
- TSW shows Offline in Fusion on Information Screen but Fusion shows Online.
- CEC displays do not always power off or on with button press or occupancy state change.
- The AM-200 must be powered by PoE or 24V. The AM-200 does not support seamless switching between two power sources. If both sources are connected, the AM-200 may reboot during active use (if for whatever reason one power source is switched off).
- The Setup LED will not display the IP address of the AM-200 on the external display
- Secure CIP connection using self-signed certificate cannot be completed through the web interface. If required please use Crestron toolbox to enable Secure CIP.
- Device Online LED is enabled at all times, even when the device is not connected to a control system.
- Video issues observed with 24hz resolutions. It is recommended to use EDIDs without preferred 24Hz resolutions
- NEC/Sony displays do not always power on/off when controlled via IR.

- Serial Join “Custom URL” requires ASCII conversion in SIMPL windows to properly modify the join in programming.

Fixed Issues

- Resolved an issue where the rsyslog port was erroneously being overwritten and causing log commands to go to the wrong port.
- Resolved an issue where a black screen would appear when an HD-SCALER-VGA or HD-SCALER-HDMI was used on the HDMI input of the AM-200/300 after timeout.
- Resolved an issue with image quality for static images during an AirMedia wireless presentation.
- Resolved an issue where AirMedia sender would still show playing when the presentation was stopped a touch panel.
- Resolved an issue where AirMedia sender would not connect after the receiver is left running for an extended period of time.
- Resolved an issue where the IP address would not change when a unit is actually offline due to a network outage.
- Resolved an issue where the shut-down page would not appear upon power off of a room from a touch panel.
- Resolved an issue where the date format would not change correctly when changed from English to Arabic.
- Resolved an issue where reboot would be required during a firmware upgrade.

1.3781.00018.005

Date: 2018-10-15

Item	Value
File name	amps_1.3622.00018.005.puf

New Features

- Crestron SIMPL Windows Support
- Crestron SIMPL # Pro Support
- XiOCloud enhancements for provisioning, management, and monitoring
- Power Management scheduling for enhanced power control3

Known Issues

- Wireless Sensor Status and Occupancy state can get out of sync. An occupancy state change is needed to resync. This typically occurs during the pairing process.
- AirMedia with Android devices does not support audio.
- TSW and External Display may not be powered on when occupancy sensor is in occupied state. This occurs if there is a rapid state change in the occupancy state. Commands during the warm up and cool down periods are not executed, therefore, the user can get into an out of sync state between the TSW, external display and occupancy sensor.
- TSW shows Offline in Fusion on Information Screen but Fusion shows Online.
- CEC displays do not always power off or on with button press or occupancy state change.
- The AM-200 must be powered by PoE or 24V. The AM-200 does not support seamless switching between two power sources. If both sources are connected, the AM-200 may reboot during active use (if for whatever reason one power source is switched off).
- The Setup LED will not display the IP address of the AM-200 on the external display

- Secure CIP connection using self-signed certificate cannot be completed through the web interface. If required please use Crestron toolbox to enable Secure CIP.
- Device Online LED is enabled at all times, even when the device is not connected to a control system.
- Video issues observed with 24hz resolutions. It is recommended to use EDIDs without preferred 24Hz resolutions
- NEC/Sony displays do not always power on/off when controlled via IR.
- Serial Join “Custom URL” requires ASCII conversion in SIMPL windows to properly modify the join in programming.

Fixed Issues

- A Remote Code Execution vulnerability (Similar to CVE-2018-11229 and CVE-2018-11228) has been addressed in this release of firmware for AM-300. Crestron recommends updating firmware to prevent this vulnerability from being exploited. For more information, see Crestron OLH Answer ID 5471.
- AMPS devices set to Always On or in systems with only a keypad, wireless sensor status will always report vacant

1.3622.00053.002

Date: 2018-07-10

Item	Value
File name	amps_1.3622.00053.002.puf

New Features

- AM-200 Initial release

Known Issues

- AMPS devices set to Always On or in systems with only a keypad, wireless sensor status will always report vacant
- Wireless Sensor Status and Occupancy state can get out of sync. An occupancy state change is needed to resync. This typically occurs during the pairing process.
- After reboots, unit was no longer able to connect to Exchange. The user must re-enter the Exchange credentials.
- AirMedia with Android devices does not support audio.
- TSW and External Display may not be powered on when occupancy sensor is in occupied state. This occurs if there is a rapid state change in the occupancy state. Commands during the warm up and cool down periods are not executed, therefore, the user can get into an out of sync state between the TSW, external display and occupancy sensor.
- TSW shows Offline in Fusion on Information Screen but Fusion shows Online.
- CEC displays do not always power off or on with button press or occupancy state change.
- The AM-200 must be powered by PoE or 24V. The AM-200 does not support seamless switching between two power sources. If both sources are connected, the AM-200 may reboot during active use (if for whatever reason one power source is switched off).
- The Setup LED will not display the IP address of the AM-200 on the external display

Fixed Issues

- A Remote Code Execution vulnerability (Similar to CVE-2018-11229 and CVE-2018-11228) has been addressed in this release of firmware for AM-300. Crestron recommends updating firmware to prevent this vulnerability from being exploited. For more information, see Crestron OLH Answer ID 5471.

1.3622.00040.001

Date: 2018-03

Item

Value

File name

amps_1.3622.00040.001.puf

New Features

- AM-300 Initial release

Licensing and Copyright Information

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