R E L E A S E   N O T E S

AirMedia Connect Adaptor
AM-TX3-100 / AM-TX3-100-I

1.0.1.160

Product Description

The AirMedia® Connect Adaptor (AM-TX3-100 / AM-TX3-100-I) enables wireless presentation and conferencing when paired with a Wi-Fi® network capable AirMedia Series 3 Receiver.

Item	Value
File name	am-tx3-100_1.0.1.160.zip
Version	1.0.1.160
MD5	1f867fb95aab39e85dcf27eee22a061d
SHA-256	1a2f58f2515640fa70be196f5a52e6a6c4b084f5e1f61f825573e4aecda42702

Notes and Recommendations

- After initiating a firmware update of the AM-TX3-100, the file will be transferred to the device and can take up to 30 seconds for the update to complete. During a firmware update, the LED ring will indicate completion progress in an amber circle. Do not disconnect the device until the LED ring goes from white circling to solid green, indicating it has re-connected to the AirMedia receiver.

System Requirements and Dependencies

- The AM-TX3-100 / AM-TX3-100-I requires an AirMedia Series 3 receiver with Wi-Fi support (-WF).
- Support for pairing, updating, and presenting with AM-TX3-100 devices is available in AirMedia Series 3 receiver firmware version 3.0000.0067 or greater.
- Prior to pairing an AM-TX3-100 with an AM-3x00-WF receiver, it is recommended to select the appropriate System Mode on the receiver (Settings → System Setup → System Mode) to streamline configuration.
    - Optimized for Video Quality enables one AM-TX3-100 device to present at 4K30.
    - Optimized for Multiple Presentations enables up to three AM-TX3-100 devices to present at 1080p60.
    - If Custom is selected, the following options are necessary to support AM-TX3-100:
        - In Settings → AirMedia, enable AirMedia Canvas, Canvas Session Control, WLAN Network Adapter, and Miracast (set to either WiFi direct or Both).
        - For AM-3200-WF(-I) models, in Settings → Routing, select Automatic Input Routing.
        - For AM-3000-WF(-I) or AM-3100-WF(-I) models, in Settings → Routing, select AirMedia Auto-Route only.
- AM-TX3-100 requires DisplayPort Alt-Mode over USB-C support on the connected laptop. If the device is connected to a port or adapter that does not support DisplayPort Alt-Mode over USB-C, a message will be shown on the Front of Room display presenting the user with a QR code and support site for troubleshooting and other presentation options.

Operational Installation / Upgrade Instructions

- Consult the AirMedia Series 3 Product Manual for detailed instructions on AirMedia Connect Adaptor pairing and firmware updates.
- Connect Adaptors can be updated using Auto Update from the paired AirMedia receiver. When an update is available, a message will appear on the Front of Room display prompting users with instructions. The message will automatically dismiss if no action is taken, and users can continue presenting / conferencing.
    - This can be configured in the receiver's web configuration interface under Settings → System Setup → Auto Update.
- To update AM-TX3-100 firmware through the AirMedia receiver's web configuration interface:
    - Connect the AM-TX3-100 to your laptop and press the presentation button to stop sharing.
    - Navigate to Settings → AirMedia → Connect Devices, select the checkbox next to the transmitter you wish to update (or the select all box in the upper left), and click the Upload Firmware box in the upper right.
    - Select the firmware file from your laptop (.zip) and click Upload.
    - Once the file transfer completes, you can close the File Upload dialog box.
    - You will see the update status shown in the Connect Devices table. When the update has completed the device will re-connect and show a success message in the table.
- Device firmware can also be updated locally using Crestron Toolbox software. Refer to Online Help article 1001865 for details.

Current Version

1.0.1.160

Item	Value
File name	am-tx3-100_1.0.1.160.zip

New Features

- AirMedia Connect Adaptors can now be used for BYOD Conferencing alongside native Flex UC systems when paired with compatible AirMedia Series 3 receivers. Flex BX, CX, and Videobar 70 (Teams) systems are supported. Refer to the AirMedia Product Manual for more information.
  - Support for Wireless Conferencing and Flex Mode integration with the AirMedia Windows App will be supported in a future release.
  - When a Connect Adaptor (AM-TX3-100) connects, users will be prompted on the touch panel to select what they want to do: Present into the native platform (using the Flex system) or Host a BYOD meeting on their laptop (using AirMedia Conferencing).
  - When selecting Host, in addition to presenting to the room system, the in-room peripherals (either USB devices or the built-in camera / mic / speaker on Videobar 70) will be made available to the user's device through the Connect Adaptor.
  - Connect and configure the system as described in the AirMedia Product Manual.
  - Wireless Conferencing and Flex Mode is supported with the following firmware versions:
    - AM-3x00-WF(-I): 3.0600.0074 or later
    - AM-TX3-100(-I): 1.0.1.160 or later
    - UC-Engine: 1.18.00.126 or later
      - This integration is not recommended with Flex MX or MMX systems.
    - Videobar 70: 1.240912.1415 or later
      - *Currently, audio quality issues may be heard and latency / lip sync may be higher than normal when using the Videobar 70 in BYOD mode. This will be improved in future firmware releases, starting with audio improvements in the next Videobar 70 release.*
  - Wait at least 30 seconds between disconnecting and reconnecting Connect Adaptors to ensure the system can properly transition between BYOD and native modes. When a native call ends, it is recommended to disconnect the Connect Adaptor, wait 30 seconds, and then reconnect if BYOD mode is desired.

Fixed Issues

- N/A

Known Issues

- HID messaging is not currently supported for connected conferencing peripherals. This means that volume level and mute feedback will not be shared between the user's laptop and conferencing peripheral.
- It is recommended to stop the active presentation / conferencing session before downloading device logs through Crestron Toolbox.

- If the AM-TX3-100(-I) does not automatically resume presentation when updating from a firmware version below 1.0.1.114, disconnect and reconnect the Connect Adaptor to resume the session.
- When using wireless conferencing with an AM-TX3-100(-I), the double tap to pause functionality is not available. To pause the presentation, first end the conferencing session by tapping the peripheral button.
- The Connect Adaptor generally takes about 6-15 seconds to connect and begin presenting, this will vary based on environment. After unplugging the Connect Adaptor, it takes about 7 seconds for the presentation to be removed from the Front of Room display.
- When presenting from an iPad or MacBook, volume controls are not available on the user's device. Adjust the source content volume or start conferencing (if available) which enables volume control.
- When running a long duration presentation from an AM-TX3-100(-I), the image may freeze on the display, or the session may drop. Reconnect the AM-TX3-100(-I) to recover and resume presenting.
- When initially connecting the AM-TX3-100(-I) to a MacBook while a video is playing, the audio output may briefly skip while the connection is established (generally no more than 1-2 seconds).

Release History

1.0.1.153

Date: 2024-08-13

Item	Value
File name	am-tx3-100_1.0.1.153.zip

New Features
- N/A

Fixed Issues
- Improved session state handling when stopping and starting multiple Connect Adaptors.
- Resolved a rare issue where the camera device would not show the correct device name.
- Resolved a rare issue where the camera would be detected by the laptop but show a black image.

Known Issues
- It is recommended to stop the active presentation / conferencing session before downloading device logs through Crestron Toolbox.
- If the AM-TX3-100(-I) does not automatically resume presentation when updating from a firmware version below 1.0.1.114, disconnect and reconnect the Connect Adaptor to resume the session.
- When using wireless conferencing with an AM-TX3-100(-I), the double tap to pause functionality is not available. To pause the presentation, first end the conferencing session by tapping the peripheral button.
- The Connect Adaptor generally takes about 6-15 seconds to connect and begin presenting, this will vary based on environment. After unplugging the Connect Adaptor, it takes about 7 seconds for the presentation to be removed from the Front of Room display.

- When presenting from an iPad or MacBook, volume controls are not available on the user's device. Adjust the source content volume or start conferencing (if available) which enables volume control.
- When running a long duration presentation from an AM-TX3-100(-I), the image may freeze on the display, or the session may drop. Reconnect the AM-TX3-100(-I) to recover and resume presenting.
- When initially connecting the AM-TX3-100(-I) to a MacBook while a video is playing, the audio output may briefly skip while the connection is established (generally no more than 1-2 seconds).

1.0.1.151
Date: 2024-04-23

Item	Value
File name	am-tx3-100_1.0.1.151.zip

New Features
- N/A

Fixed Issues
- Additional improvements in presentation audio and decreased frequency of audio pops.
- Improved overall system stability; including state synchronization between the Receiver (front of room display and web configuration interface) and Connect Adaptor (button LEDs), and resiliency in cases where there is a network issue.
- Resolved scenario where manually updating AM-TX3-100(-I) device firmware through the web configuration interface would fail with a "Firmware Update Timed Out" message.

Known Issues
- It is recommended to stop the active presentation / conferencing session before downloading device logs through Crestron Toolbox.
- If the AM-TX3-100(-I) does not automatically resume presentation when updating from a firmware version below 1.0.1.114, disconnect and reconnect the Connect Adaptor to resume the session.
- When using wireless conferencing with an AM-TX3-100(-I), the double tap to pause functionality is not available. To pause the presentation, first end the conferencing session by tapping the peripheral button.
- The Connect Adaptor generally takes about 6-15 seconds to connect and begin presenting, this will vary based on environment. After unplugging the Connect Adaptor, it takes about 7 seconds for the presentation to be removed from the Front of Room display.
- When presenting from an iPad or MacBook, volume controls are not available on the user's device. Adjust the source content volume or start conferencing (if available) which enables volume control.
- When running a long duration presentation from an AM-TX3-100(-I), the image may freeze on the display, or the session may drop. Reconnect the AM-TX3-100(-I) to recover and resume presenting.
- When initially connecting the AM-TX3-100(-I) to a MacBook while a video is playing, the audio output may briefly skip while the connection is established (generally no more than 1-2 seconds).

1.0.1.143

Item	Value
File name	am-tx3-100_1.0.1.143.zip

New Features

- Local LED ring feedback for button presses
  - The LED ring on the Connect Adaptor will blink to acknowledge each button press. Once the system has acted on the button press (for example starting or stopping presentation or conferencing), the button LEDs will change color to indicate the updated state.
  - States and colors remain the same, refer to the AirMedia product manual for details.
- Support for additional formats used by various conferencing peripherals. Refer to Online Help article 1001764 for the current list of supported devices.

Fixed Issues

- Improved speaker audio quality and decreased frequency of audio pops during wireless presentation or conferencing sessions.
- Improved microphone audio quality when used with certain conferencing peripherals.

Known Issues

- It is recommended to stop the active presentation/conferencing session before downloading device logs through Crestron Toolbox.
- If the AM-TX3-100(-I) does not automatically resume presentation when updating from a firmware version below 1.0.1.114, disconnect and reconnect the Connect Adaptor to resume the session.
- When using wireless conferencing with an AM-TX3-100(-I), the double tap to pause functionality is not available. To pause the presentation, first end the conferencing session by tapping the peripheral button.
- The Connect Adaptor generally takes about 6-15 seconds to connect and begin presenting, this will vary based on environment. After unplugging the Connect Adaptor, it takes about 7 seconds for the presentation to be removed from the Front of Room display.
- When using a MacBook with an M2 chip, audio drops and popping sounds can be heard periodically.
- When presenting from an iPad or MacBook, volume controls are not available on the user's device.
- When running a long duration presentation from an AM-TX3-100(-I), the image may freeze on the display, or the session may drop. Reconnect the AM-TX3-100(-I) to recover and resume presenting.
- If an AM-TX3-100(-I) is left presenting from a laptop for a long duration, stopping and restarting the presentation may lead to the device disconnecting. Reboot the AirMedia receiver to recover.
- In certain scenarios, after running several long duration AM-TX3-100(-I) presentations, subsequent connection attempts will be unsuccessful. Reboot the AirMedia receiver to recover.
- Occasionally the AM-TX3-100(-I) will not automatically come back online and resume presenting after a firmware update. Reconnect the AM-TX3-100(-I) to recover and perform the update again if it was not successful.
- When connected to a MacBook and the audio output is switched between the built in speaker and the AM-TX3-100(-I).

1.0.1.133

Item	Value
File name	am-tx3-100_1.0.1.133.zip

New Features

- Connect Adaptor Wireless Conferencing Support
  - Wireless conferencing is now supported on the AM-TX3-100(-I) Connect Adaptor. When conferencing peripherals are connected to the AirMedia receiver, the Connect Adaptor can wirelessly take advantage of the in-room peripherals (camera, mic, and speaker). No drivers or software are required to be installed or run on the laptop.
  - Wireless Conferencing on the Connect Adaptor supports both PCs and Mac devices.
  - This requires AirMedia Series 3 receiver firmware version 3.0100.0066 or later.
- Connect Adaptor Auto-Update
  - Connect Adaptors are now automatically updated through the paired AirMedia receiver when new firmware has been released. Connect Adaptor firmware will be automatically downloaded to the receiver using Auto Update, and if an outdated Connect Adaptor comes online a prompt will be shown on the Front of Room display indicating an update is available. When this appears, users can follow the on-screen instructions to complete the update (press and hold the peripheral button for 5 seconds).
  - Firmware version 1.0.1.133 introduces support for this feature; automatic updates will be available with subsequent updates after manually updating to this version. This requires AirMedia Series 3 receiver firmware version 3.0100.0066 or later.

Behavior Changes

- Firmware releases for the AM-TX3-100(-I) are now provided as a zip file. AirMedia Series 3 receiver version 3.0100.0066 and later supports selection of a zip file to update Connect Devices.

Fixed Issues

- N/A

Known Issues

- When using wireless conferencing with an AM-TX3-100(-I), the double tap to pause functionality is not available. To pause the presentation, first end the conferencing session by tapping the peripheral button.
- Occasionally audio pops may be heard when using certain conferencing peripherals. This will be addressed in a future release.
- The Connect Adaptor generally takes about 6-15 seconds to connect and begin presenting, this will vary based on environment. After unplugging the Connect Adaptor, it takes about 7 seconds for the presentation to be removed from the Front of Room display.
- When using a MacBook with an M2 chip, audio drops and popping sounds can be heard periodically.
- When presenting from an iPad or MacBook, volume controls are not available on the user's device.
- When running a long duration presentation from an AM-TX3-100(-I), the image may freeze on the display, or the session may drop. Reconnect the AM-TX3-100(-I) to recover and resume presenting.
- If an AM-TX3-100(-I) is left presenting from a laptop for a long duration, stopping and restarting the presentation may lead to the device disconnecting. Reboot the AirMedia receiver to recover.

- In certain scenarios, after running several long duration AM-TX3-100(-I) presentations, subsequent connection attempts will be unsuccessful. Reboot the AirMedia receiver to recover.
- Occasionally the AM-TX3-100(-I) will not automatically come back online and resume presenting after a firmware update. Reconnect the AM-TX3-100(-I) to recover and perform the update again if it was not successful.
- When connected to a MacBook and the audio output is switched between the built in speaker and the AM-TX3-100(-I).

1.0.1.114

Date: 2023-05-11

Item	Value
File name	am-tx3-100_1.0.1.114.bin

New Features

- N/A

Fixed Issues

- Resolves an issue where static noise could be heard for 10-15 seconds at the start of a presentation when connected to a MacBook.

Known Issues

- The Connect Adaptor generally takes about 6-15 seconds to connect and begin presenting, this will vary based on environment. After unplugging the Connect Adaptor, it takes about 7 seconds for the presentation to be removed from the Front of Room display.
- When using a MacBook with an M2 chip, audio drops and popping sounds can be heard periodically.
- When presenting from an iPad or MacBook, volume controls are not available on the user's device.
- When running a long duration presentation from an AM-TX3-100(-I), the image may freeze on the display, or the session may drop. Reconnect the AM-TX3-100(-I) to recover and resume presenting.
- If an AM-TX3-100(-I) is left presenting from a laptop for a long duration, stopping and restarting the presentation may lead to the device disconnecting. Reboot the AirMedia receiver to recover.
- In certain scenarios, after running several long duration AM-TX3-100(-I) presentations, subsequent connection attempts will be unsuccessful. Reboot the AirMedia receiver to recover.
- Occasionally the AM-TX3-100(-I) will not automatically come back online and resume presenting after a firmware update. Reconnect the AM-TX3-100(-I) to recover and perform the update again if it was not successful.
- When connected to a MacBook and the audio output is switched between the built in speaker and the AM-TX3-100(-I).

1.0.1.112

Date: 2023-04-21

Item	Value
File name	am-tx3-100_1.0.1.112.bin

New Features

- Initial release of the AirMedia Connect Adaptor (AM-TX3-100 / AM-TX3-100-I) with support for wireless presentation.

Fixed Issues

- N/A

Known Issues

- The Connect Adaptor generally takes about 6-15 seconds to connect and begin presenting, this will vary based on environment. After unplugging the Connect Adaptor, it takes about 7 seconds for the presentation to be removed from the Front of Room display.
- When using a MacBook with an M2 chip, audio drops and popping sounds can be heard periodically.
- When presenting from an iPad or MacBook, volume controls are not available on the user's device.
- When running a long duration presentation from an AM-TX3-100(-I), the image may freeze on the display or the session may drop. Reconnect the AM-TX3-100(-I) to recover and resume presenting.
- If an AM-TX3-100(-I) is left presenting from a laptop for a long duration, stopping and restarting the presentation may lead to the device disconnecting. Reboot the AirMedia receiver to recover.
- In certain scenarios, after running several long duration AM-TX3-100(-I) presentations, subsequent connection attempts will be unsuccessful. Reboot the AirMedia receiver to recover.
- Occasionally the AM-TX3-100(-I) will not automatically come back online and resume presenting after a firmware update. Reconnect the AM-TX3-100(-I) to recover and perform the update again if it was not successful.
- When connected to MacBooks, a static noise can be heard for 10-15 seconds at the start of a presentation with audio. The device will automatically recover in about 15 seconds.
- When connected to a MacBook and the audio output is switched between the built in speaker and the AM-TX3-100(-I)

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