

ARCAM

by



Arcam AVR21 Crestron Home AVReceiver Driver

User Guide

Product Manual

[Arcam AVR21 Manual](#)

Overview

Package name (pkg) : AVReceiver_Arcam_AVR21_IP.pkg

Version : 2.0.2

Features

The Crestron Home UI provides the following functionality:

- Volume Control
- Local Input Switching
- Bass and Treble Control

Arcam Configuration

Prior to setting the driver up in Crestron Home ensure that the Arcam AVR21 is fully configured and works correctly. Please refer to documentation provided by Arcam to setup the unit (link at top of document).

Support

If you require support for this driver please fill in a support request at <https://janustechnology.co.uk/support/>

Please ensure you provide the following information.

- Driver version you are using.
- Platform you are using e.g. Crestron Home
- Firmware version of your Arcam AVR21.
- Firmware version of your Crestron system.
- A full description of the issue you are having and how to recreate the issue.

Troubleshooting

- Confirm that correct IP address is entered into the IP address field
 - Confirm that correct Port is entered (if required).
 - Check the Arcam AVR21 can be pinged from the control system controller. If the ping fails check your network configuration and cabling.
 - For IP devices we recommend using a static IP address. Ensure this is done in either the device or router.
-

Arcam AVR21 Crestron Driver

Release Notes

Changes

Driver Release Version: 2.0.2 - Home Release

2023-01-06

Version Tested

- AVR Firmware: 1.60/

Fix Issue

- Added missing property to the DAT files

Driver Release Version: 2.0.1 - Simpl/Home Release

2023-01-06

Version Tested

- AVR Firmware: 1.60/

Fix Issue

- fix issue for Volume and Source selection being slow in FW1.60

Driver Release Version: 2.0.0 - Simpl/Home Release

2023-01-06

Version Tested

- AVR Firmware: 1.45/09
- Crestron Series 3 Processor Firmware: 1.502.3151.19579

- Crestron Series 4 Processor Firmware: 2.8000.00015
- Crestron Home Version: 3.017.0098
- Simpl Windows: 4.2000.00.00
- Device Database: 200.230.001.00
- Crestron Database: 214.05.004.00
- Crestron Toolbox: 3.1221.0004.0
- SIMPL+ Cross Compiler: 1.3
- Crestron SIMPL# Pro: 2.0.50727
- Crestron Home SDK: 14.0.8.0

Enhancements

- Holding down volume keys on remote now ramps volume as expected
 - Project updated to use latest libraries
-

Driver Release Version: 1.5.2

2022-05-05

Version Tested

- AVR Firmware - 1.45/09
- Crestron Home Version - v3.008.0079
- Simpl Windows - 4.15
- Device Database: 200.90 (build: 200.9000.002.00)
- Crestron Database (cntrldb22000.mdb) : 206.05 (build: 206.0500.004.00)
- Crestron Toolbox: 3.09p30 (build: 3.0930.0043.0)
- SIMPL+ Cross Compiler: 1.3
- Crestron SIMPL # Pro v2.000.0058
- SDK 8.0.0.2

Enhancements

- Added API Passthrough

Bug Fixes

- N/A

Exceptions

- N/A
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Driver Release Version: 1.5.1

2021-07-07

Home Change Only

Driver Release Version: 1.5.0

2021-07-07

Version Tested

- AVR Firmware - 1.45/09
- Crestron Home Version - v3.008.0079
- Simpl Windows - 4.15
- Device Database: 200.90 (build: 200.9000.002.00)
- Crestron Database (cnctrldb22000.mdb) : 206.05 (build: 206.0500.004.00)
- Crestron Toolbox: 3.09p30 (build: 3.0930.0043.0)
- SIMPL+ Cross Compiler: 1.3
- Crestron SIMPL # Pro v2.000.0058
- SDK 8.0.0.2

Enhancements

- Added Tone Ctls
- Added Audio Connections
- Separated Models in the PKG file

Bug Fixes

- N/A

Exceptions

- N/A
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Driver Release Version: 1.4.4

2021-08-23

Enhancements

- Update userguide with supported models

Bug Fixes

- N/A

Exceptions

- N/A

Version Tested

- AVR Host 727
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4617.00032
 - Crestron Home Version - v3.007.0071
 - Simpl Windows - 4.17
 - Device Database - 200.9000.002.00
 - Crestron Database - 206.0500.004.00
 - Simpl+ - 4.06.00
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.17.00.05
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Driver Release Version: 1.4.3

2021-08-19

Enhancements

- Added new models

Bug Fixes

- N/A

Exceptions

- N/A

Version Tested

- AVR Host 727
- Crestron Series 3 Processor Firmware - v1.502.3151.19579
- Crestron Series 4 Processor Firmware - v2.4617.00032
- Crestron Home Version - v3.007.0071
- Simpl Windows - 4.17

- Device Database - 200.9000.002.00
 - Crestron Database - 206.0500.004.00
 - Simpl+ - 4.06.00
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.17.00.05
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Driver Release Version: 1.4.2

2021-07-07

Enhancements

- N/A

Bug Fixes

- CH Change only (see CH manual)

Exceptions

- N/A

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.006.0132
 - Simpl Windows - 4.15
 - Device Database - 200.7000.003.00
 - Crestron Database - 205.0000.004.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.4.1

2021-06-29

Enhancements

- N/A

Bug Fixes

- Update User Guides

Exceptions

- N/A

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.006.0132
 - Simpl Windows - 4.15
 - Device Database - 200.7000.003.00
 - Crestron Database - 205.0000.004.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.4.0

2021-05-28

Enhancements

- N/A

Bug Fixes

- Fixed issues with adding multiple drivers

Exceptions

- N/A

Version Tested

- AVR Firmware - 1.45/09
- Crestron Series 3 Processor Firmware - v1.502.3151.19579

- Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.006.0132
 - Simpl Windows - 4.15
 - Device Database - 200.7000.003.00
 - Crestron Database - 205.0000.004.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.3.4

2021-05-12

AFFECTS CRESTRON HOME ONLY

Enhancements

- N/A

Bug Fixes

- Added extention driver and zone 1 driver in Crestron Home caused error
- Change IP Address without having to reinstall driver

Exceptions

- Issue with updating feedback on AVR Zone 2. Issue currently with crestron.

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.006.0132
 - Simpl Windows - 4.15
 - Device Database - 200.7000.003.00
 - Crestron Database - 205.0000.004.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.3.3

2021-05-07

Enhancements

- N/A

Bug Fixes

- Fixes for two drivers in crestron home.

Exceptions

- Issue with updating feedback on AVR Zone 2. Issue currently with crestron.

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.003.0035
 - Simpl Windows - 4.14.20
 - Device Database - 200.00.012.00
 - Crestron Database - 200.00.002.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.3.2

2021-04-09

Enhancements

- N/A

Bug Fixes

- Fixes 3series sandbox compiling error

Exceptions

- Issue with updating feedback on AVR Zone 2. Issue currently with crestron.

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.003.0035
 - Simpl Windows - 4.14.20
 - Device Database - 200.00.012.00
 - Crestron Database - 200.00.002.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.3.1

2021-02-05

Enhancements

- N/A

Bug Fixes

- Fix for timer call back exception.
- Correctly handle audioInputFeedback.

Exceptions

- Issue with updating feedback on AVR Zone 2. Issue currently with crestron.

Version Tested

- AVR Firmware - 1.45/09
- Crestron Series 3 Processor Firmware - v1.502.3151.19579
- Crestron Series 4 Processor Firmware - v2.4508.00035
- Crestron Home Version - v3.003.0035
- Simpl Windows - 4.14.20
- Device Database - 200.00.012.00
- Crestron Database - 200.00.002.00
- Simpl+ - 4.05.01
- Simpl+ Cross Compiler - 1.3
- Vision Tools Pro-e - 6.2

- Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.3.0

Date 2021-02-02

Enhancements

- Added extension driver

Bug Fixes

- N/A

Exceptions

- Issue with updating feedback on AVR Zone 2. Issue currently with crestron.

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.003.0035
 - Simpl Windows - 4.14.20
 - Device Database - 200.00.012.00
 - Crestron Database - 200.00.002.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.2.2

2021-01-29

Enhancements

- Updated internal Libs

Bug Fixes

- N/A

Exceptions

- Issue with updating feedback on AVR Zone 2. Issue currently with crestron.

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Crestron Home Version - v3.003.0035
 - Simpl Windows - 4.14.20
 - Device Database - 200.00.012.00
 - Crestron Database - 200.00.002.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.2.1

2021-01-28

Enhancements

- Added crestron home modules.

Bug Fixes

- N/A

Exceptions

- Issue with updating feedback on AVR Zone 2. Issue currently with crestron.

Version Tested

- AVR Firmware - 1.45/09
- Crestron Series 3 Processor Firmware - v1.502.3151.19579
- Crestron Series 4 Processor Firmware - v2.4508.00035
- Crestron Home Version - v3.003.0035
- Simpl Windows - 4.14.20
- Device Database - 200.00.012.00
- Crestron Database - 200.00.002.00
- Simpl+ - 4.05.01
- Simpl+ Cross Compiler - 1.3

- Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.1.4

2021-01-25

Enhancements

- N/A

Bug Fixes

- Fixes for 4Series Processors

Exceptions

- N/A

Version Tested

- AVR Firmware - 1.45/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Simpl Windows - 4.14.20
 - Device Database - 200.00.012.00
 - Crestron Database - 200.00.002.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version 1.1.3

2020-11-01

Enhancements

- N/A

Bug Fixes

- Fixes for 4Series Processors

- Add “Access Lipsync Delay control” after each lipsync delay command
- Add missing surround modes
- Fix EQ modes functionality

Exceptions

- N/A

Version Tested

- AVR Firmware - 1.42/09
 - Crestron Series 3 Processor Firmware - v1.502.3151.19579
 - Crestron Series 4 Processor Firmware - v2.4508.00035
 - Simpl Windows - 4.14.20
 - Device Database - 200.00.012.00
 - Crestron Database - 200.00.002.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
-

Driver Release Version: 1.1.2

2020-11-10

Enhancements

- Added Lipsync delay confirmation
- Updated Surround sound modes.

Bug Fixes

- N/A

Exceptions

- N/A

Version Tested

- AVR Firmware - 1.42/09
- Crestron Series 3 Processor Firmware - v1.502.3151.19579
- Simpl Windows - 4.14.20
- Device Database - 200.00.012.00

- Crestron Database - 200.00.002.00
 - Simpl+ - 4.05.01
 - Simpl+ Cross Compiler - 1.3
 - Vision Tools Pro-e - 6.2
 - Smart Graphics Version - 2.15.04.00
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Driver Release Version: 1.1.0

2020-09-07

Enhancements

- Improve message queuing and retry mechanism for better comms reliability
- Add Room EQ commands
- Change Audio decode mode handling to better fit API
- Other small UI fixes

Bug Fixes

- N/A

Exceptions

- N/A
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Driver Release Version: 1.0.0

2020-03-02

Initial version

Enhancements

- N/A

Bug Fixes

- N/A

Exceptions

- N/A
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