

i Refer to www.allen-heath.com for instructions on how to update the Avantis firmware and important notes about the update.

V1.10 March 2021

Feature Release

New Features

- Support of Avantis Director (offline editor / online control software for Windows and Mac).
- Follow / Invert pan option for Stereo Auxes and Matrices.
- LCR+ Main bus mode with Divergence control.
- Support of MIDI over TCP/IP.
- Solo in Place.
- Several new routing and patching options:
 - Mixes and PAFL available as Input sources
 - Mixes can be patched to PAFL Ext In
 - Mixes and PAFL can be patched to Mix Ext In

Additional New Features for dPack users

- Optronik compressor.
- Hypabass subharmonic synth RackFX unit.
- Transient Controller RackFX unit.

Improvements

- Embedded Scene Recall now supports remote Avantis, dLive and AHM units.
- New Softkey functions.
- New De-Esser modes.
- USB Audio Playback shows Elapsed and Remaining time.
- Stereo Record options expanded to include Tie Lines, PAFL or FX Unit outputs.
- Improved meter performance.

Fixes

- ID1684 Unplugging cascaded DX unit connected to GX4816 could cause Preamp controls to disappear.
- ID1635 Fixes issue whereby in certain circumstances, recalling a Scene from a Cue List would not work.
- ID1630 Corrects GX4816 gain Insert behaviour. Return socket now correctly defaults to 0dB.
- ID1624 Directly patching RackFX output after change from Insert to Mix could cause a crash.
- ID1372 Various improvements to GUI responsiveness.
- ID1354 Cascaded devices connected to AR2412 now reconnect correctly after disconnecting and reconnecting dSnake.

- ID1238 Connecting sLink to gigaACE card immediately after a GX4816 could cause channels not to pass audio until Avantis is power cycled.
 - ID623 Side chain sources now shown correctly in drop down menu.
 - ID1926 Removes erroneous source point drop down for FX return.
 - ID1683 Corrects Preamp GUI behaviour after hotplugging GX4816.
 - ID1673 A Scene created with a DX unit connected now recalls correctly without the DX unit connected.
 - ID1667 De-Esser Dual Mono mode would always key from channel 1.
 - ID1563 Incorrect show was highlighted after show update.
 - ID1256 Matrix DCA membership indication could be incorrect in naming area after assignment.
 - ID1220 FX Return PEQ could recall during scene changes even when safe.
 - ID555 Utility page could be shown after show recall.
 - ID1977 FX Send name and colour could recall during scene changes even when safe.
 - ID1363 Scene update softkey now correctly opens scene update page.
 - ID1038 Adding large amounts of DCA gain (20db+) to outputs could cause audio level reduction.
 - ID507 Frozen strip indication could become unsynced from GUI after mix config change.
 - ID450 Blank space option missing from user meters.
 - ID1691 / ID1614 / ID1394 / ID1426 / ID1488 / ID1004 / ID935
Various USB Play/Record system fixes.
 - ID1188 / ID1015 / ID910 / ID1349
Various fixes to GUI behaviour on scene auto-increment.
- Several other minor fixes and improvements.*

Known Issues

- ID0893 In certain circumstances, the touchscreens can freeze on the ampersand screen when attempting to update firmware.
- ID2318 GX4816 connected to gigaACE card during show recall can cause erroneous errors in log.
- ID1913 Talkback key in Director does not work correctly in non-latching mode.
- ID2306 MIDI Softkeys in Director fire both their 'on press' and 'on release' events on press.
- ID2303 Solo In Place softkeys in Director do not enable SIP.
- ID2300 DCA Spills do not work in Director when online.
- ID2182 LPF/HPF GUI not showing in bank view when off.
- ID2357 If running Director on a Microsoft Surface, touch and hold does not trigger right click menu on custom rotaries.

V1.03 April 2020

Maintenance Release

Fixes:

- ID1619 DX expanders would not automatically update over SLink.
- ID1610 Improved management of internal fan speed.
- ID1607/1605 Fixes to USB playback system.
- ID1624 Repatching FX units in the I/O screen could sometimes crash the software.
- ID1630 Inserts over SLink would sometimes present the wrong return level.
- ID1631/1629 Fixes to gain control on channel rotaries.
- ID200/1553 Resolution of several Internal Errors in the Event Log.

Several other minor fixes and improvements.

Known issues:

- ID1635 In certain circumstances, recalling a Scene from a Cue List doesn't work.
- ID0893 In certain circumstances, the touchscreens can freeze on the ampersand screen when attempting to update firmware.
- ID1031 A disconnected IP Controller can cause controls and metering to freeze every few seconds until the IP Controller is removed from the connection list.
- ID1131 Creating a stereo input can take longer if multiple pages have been viewed.
- ID1354 If an AB168/AR84 is connected to an AR2412 and becomes disconnected, the AR2412 will need to be reconnected to re-establish the AB168/AR84 connection.
- ID1394 When moving a recording from internal storage to USB storage, the mixer can freeze for around 60 seconds.

V1.02 February 2020

Maintenance Release

Improvements:

- Second PAFL bus added.
- The Processing and Routing menu options now latch.
- Mono main meter added.
- Hardware Insert icons added to Bank view.

Fixes:

- ID0207 AMM meters not working in Name Blocks.
- ID0694 Input levels could be overwritten with Input to Matrix Send levels after a mix config change where Main is changed to None.
- ID0989 The metering source point selection only affected meters on the Meters page, and not the channel strip meters.
- ID1070 Pressing a SoftKey assigned to DCA Mix twice would not return the active Mix to Main.
- ID1186 When sending Mains to a Stereo Matrix, the Mains send pan control would affect the Mains balance and not the send pan.

- ID1420 Some Direct Out options were missing on the Routing screen when the Options button is pressed.
- ID1449 The Output Patchbay option in the Scene Safe system does not safe USB audio patching.
- ID1490 Under certain circumstances the mixer could crash after a scene recall.
- ID1493/1509/1528 The touchscreens could freeze or crash after a show recall.
- ID1500 Touchscreens could freeze after a Mix Config change.
- ID1550/1565/1586/1592 Fixes to channel strip rotary behaviour in sends mode.
- ID1581 Touchscreens could restart after changes to the Input Stereos configuration.

Several other minor fixes and improvements.

V1.01 January 2020

Maintenance Release

Fixes:

- ID1433 Occasionally the touchscreen can freeze when recalling a show with a different mix configuration to the current show.
- ID1440 Internal error incorrectly shown when Name Block is configured to show IO and a strip where no IO may be assigned is selected.
- ID1419 Internal error incorrectly shown when selecting mono channel after selecting stereo channel or vice versa.

V1.00 December 2019

This is the first public release of Avantis firmware.