

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

V1.13 February 2022

Maintenance Release

New Features:

Shure Wireless Microphone Integration. (ULX-D, QLX-D, Axient Digital).

Fixes:

- ID2624 Dyn8 Library pop up now appears when the Options button is touched.
- ID2619 Fixes sidechain notch filter GUI touch and drag issue.

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.

V1.12 February 2022

Maintenance Release

Fixes:

- ID2544 Scenes can now be added to the end of cue lists when cue list is over 16 scenes.
- ID2579 Resolves issue whereby the connection or disconnection of Custom Control could cause the app to temporarily freeze.
- ID2574 Firmware update time and performance significantly improved when updating a DX-Hub and/or cascaded DX units.
- ID2045 Director now correctly displays dB level in Naming Area on level change.

ID2218 Fixes issue where Sync Selected layer in Strip Assign may not work reliably in both directions.

Improvements:

- ID2489 Repositioned the Main Bus in the routing page for easier access.
- ID2409 Added dPack specific splash screen.
- ID2568 Updated fan controller to reduce unwanted modulation.
- ID2564 Support of latest DX32 hardware following component changes.
- ID2559 Support of latest DX012 hardware following component changes.
- ID2556 Support of latest DX164W hardware following component changes.
- ID2549 Support of latest AR & AB hardware following component changes.

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.

V1.11 June 2021

Maintenance Release

Fixes:

- ID893 In certain circumstances, the touchscreens could freeze on the ampersand screen when attempting to update firmware.
- ID2434/2435/2412/2461 Several issues related to Dyn8 including erroneous 'Insert Bypassed' message, stereo mix channels losing Dyn8 assignment after reboot, and Listen function not working for Dyn8 bands.
- ID2364/2406/2458 In some circumstances the screen application would crash and restart when attempting to shut down.
- ID2334/992/1913 Several SoftKey issues including some assignments erroneously show as invalid, Tap Tempo not flashing accurately at every beat, and Talkback not working correctly in momentary (non-latching) mode.
- ID2429 The global Direct Out source would switch to Post Preamp after viewing the Routing screen.
- ID1647 Event Logs could cause the mixer to run out of memory after a prolonged period of use.
- ID2471 Locking the mixer would not lock all screens.

- ID1542 A stalled fan would only be reported if already stalled at boot up.
- ID2442 Delays for mix channels were not displayed correctly after a bus config change.
- ID2348 The static IP address was not greyed out when activating DHCP.
- ID2438 Follow Main Pan icons were incorrectly displayed for mono mixes.
- ID2414 Recalling a Show from the Director Show manager would sometimes fail.
- ID2074 Block strip assignment would sometimes not work correctly.
- ID2416 MIDI strips in Director would only send the default MIDI messages.
- ID2307 Some MIDI MMC controls would not work reliably at every press.
- ID2308 Overwriting a Template Show on a USB drive would cause errors.
- ID2303 Solo In Place softkeys in Director would not enable SIP.

Several other minor fixes and improvements.

Known Issues

- ID2318 GX4816 connected to gigaACE card during show recall can cause erroneous errors in log.
- ID2424 AES and Wordclock settings are not persistent after reboot and don't update correctly after a Show recall.
- ID2510 Recalling a V1.0x Show from the Director Show file manager can fail while running Director online.
- ID2306 MIDI Softkeys in Director send both their 'on press' and 'on release' events on press.
- 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.

V1.10 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.