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

ⓘ When downgrading from firmware V1.83 or higher to V1.81 or lower, please install firmware V1.82 first, then install any earlier versions.

Note: If you downgrade from dLive firmware V1.80 or higher to V1.72 or lower, any connected IP controllers will lose connection and they will need to be re-connected via IP address.

V1.84   December 2019

Maintenance Release

Improvements

- New fader calibration mode

Fixes

ID6760   Saving a Show with unassigned I/O Port preamps can result in an incorrect preamp gain reading and incorrect preamp gain value (+5dB) on re-assignment of the inputs

ID6777   ME-U channels names can populate slowly, or not appear, when multiple DX expanders are connected to DX sockets on the Surface or MixRack

IPC-16   Support for PoE+ allocation via LLDP stopped working in V1.80

Known Issues

ID6380   SIP Softkey in Director doesn't work

ID6549   Soft rotaries don't display MCA adjusted send values above +10dB

ID6757   Multiple fast scene recalls can result in erroneous control of DT expander preamps

ID6623   PAFL delay is reset after Mixer Config

V1.83   September 2019

Maintenance Release

Kernel image for firmware upgrade purposes.

Fixes

ID4006   In rare circumstances the touchscreen could freeze

ID6202   DCA Mix on Softkey LED could stop working after show recall

ID6696   FX Return PEQ became range limited in 1.80

ID6725   Under certain circumstances, a Surface cannot detect a MixRack when DHCP is enabled

ID6729   MixRack log files cannot be saved to USB when DHCP is enabled

ID6754   Scene recall filter could become corrupted after deleting a Scene

V1.82	September 2019

Maintenance Release

Kernel image for firmware downgrade purposes.
See note on page 1 of this document for more information

V1.81	June 2019

Maintenance Release

Improvements

- Talkback Groups: "SoftKey Setup" button added.
- Support for Custom Control

Fixes

ID6653   Changing Mixer Config in Virtual Soundcheck mode changes Trim controls to Gain controls.

ID6658   ABCD patches not visible on I/O page when an unassigned source is selected.

ID6663   External IP to PAFL Trim value reverts to -24dB on Show recall.

ID6704   DX expanders could lose audio sync over 3rd party network switches in 1.80

DID004   In some circumstances, dLive preamp settings would not sync to DT expanders on first connection.

Several other minor fixes.

V1.80	March 2019

Feature Release

New Features

- MCAs
- A/B/C/D Alternative Inputs
- Talkback Groups
- Solo In Place (SIP)
- New DEEP Compressor: OptTronik
- Support for new hardware:
    o DX012
    o DT168
    o DT164-W
    o Dante 64x64
    o Dante 128x128
    o PRIME I/O Modules

Improvements

- Bank View: DCA Fader to 0dB button
- Direct Out: Follow All option (post DCA Fader/Mute & Ch Fader/Mute)
- Ext In Page: SigGen and Talkback On/Off buttons
- gigaACE: VLAN compatible (switch dependent)
- Libraries: Library button added to Overview and PEQ pages
- MixPad: Support for new iPad Pro screen resolution

- PAFL Improvements:
  - Mix To PAFL option
  - Stereo Mix to PAFL EXT IN is now true stereo
  - PAFL busses 3-8 now have same options as 1-2
  - Maximum Delay extended to 682ms
- PEQ: Latching Width option in Setup (C Class Surfaces only)
- Routing page improvements:
  - Direct Out information
  - Mute Group assignment
  - Send level values
- Scene Management: Undo Store
- SigGen: Individually assignable to L and R on stereo mixes
- Sidechain: BPF option
- New Softkey/IP Controller options:
  - Assign On/Off
  - Peak Hold Reset

Fixes

ID5426   Cascaded DX168 into DX Hub not always reported correctly

ID6189   Cannot hot plug expander(s) connected to DX1/2 when an expander is connected to DX3

ID6249   Occasional 1 second delay when recalling scenes with offline IP controller(s) configured

ID6289   Pans can appear incorrectly in Bank view when in GEQ Fader Flip mode

ID6308   Panning a mono Group could affect signal of next mono Group

Several other minor fixes and improvements.

V1.72	November 2018

Maintenance Release

Improvements

- Shure Integration: Support for the latest revision of ULX-D hardware.
- SoftKeys assigned to the Mute function with Invert mode enabled will now illuminate green.
  - Shows created in 1.71 or earlier will require the SoftKey Mute Invert function to be re-applied to enable the new functionality.
- Press F11 to show mouse cursor.

Fixes

ID2821   Under certain circumstances, the MixRack and Surface unit names could display as "Unknown" during a firmware update.

ID6146   Relative Scene Update could take a long time when updating a large number of scenes.

ID6284   The FX Library panel could flicker under certain circumstances.

ID6292   Scene Safes page could fail to show all active safes under specific conditions.

Known issues

ID5034   When updating firmware in a multi-surface system, firmware should be updated on one Surface at a time with the Surface connected to the main gigaACE socket and all other Surfaces disconnected from the MixRack. Alternatively the Surfaces can be updated whilst disconnected from the MixRack via the Connection Failed / Firmware screen on boot up.

ID5475   When using a 3rd party touchscreen with Director, drag and drop in the Cue list or Scene Import list will sometimes not complete on release and will require a subsequent touch of the screen.

ID5659   Mix highlighting can sometimes stop working in Director after adjusting the strip layout.

ID6261   Socket preamp displayed when SQ connected to gigaACE card.

V1.71   July 2018

Maintenance Release

Fixes

SID139   Director could sometimes fail to display all available Shure devices.

ID5940   The Scene Select function could stop working in the IP1 Simulator.

ID6055   An IP Controller could control an incorrect Aux master level after a Mix Config change.

ID6114   In rare circumstances Director could quit unexpectedly during a show recall.

ID6133   Director main PAFL meters had incorrect scale labels.

ID6138   Output polarity was not applied when first patching to a DX expander.

ID6142   IP Controllers would not connect to Director Surface in MixRack only mode.

V1.70   May 2018

Feature Release

New Features

- Shure wireless integration:
    - ULX-D
    - QLX-D
    - Axient Digital
- Several new routing and patching options:
    - Input to Matrix routing
    - Mix busses and PAFL available as Input channel sources
    - Follow / Invert pan to Mains for Stereo Mix Busses
    - Mix busses can be patched to PAFL Ext. In
    - Mix busses and PAFL can be patched to Mix Ext. In
- Custom MIDI on Scene Recall
- MixPad follows User Permissions
- Support for new hardware:
    - DX164-W

Improvements

- Meters page and widget (incl. AMM meter) show Mute status
- Shelf option for Compressor and Gate sidechain filters
- Source Selectors can select Aux and Main as inputs

- Source Selectors can output to Matrices
- AMM input metering and PAFL source point now user selectable
- LPF default value is 10kHz
- Bank view is displayed on the Processing Screen when no channel is selected (dual-screen Surface only)
- IP controller faders and rotaries have the option for Audio Taper or a user defined range
- Input preamp Gain and Trim values shown on LCD
- Tap for quick assign of User Meters

Fixes

ID5179   Input pan to stereo groups doesn't work if no Mains in Mixer Config

ID5281   Director - Stereo channels and mixes not displaying as stereo on LCD

ID5887   Certain Unicode characters in a file path could prevent Director successfully storing a Show

ID5888   Director - Touch issues with latest MacBook Pro Trackpad

ID5889   Director - "Last Recalled Scene" doesn't reflect MIDI Scene recall

Several other minor fixes and improvements.

V1.64	April 2018

Maintenance Release

Improvements

- MixRack Boot-Up: More robust at low temperatures.

Fixes

ID5079   In rare circumstances the touchscreen could crash when recalling a specific show or changing mixer configuration.

V1.63	February 2018

Maintenance Release

Improvements

- USB Record/Playback: Increased USB device compatibility.
- superMADI: Ability to accept MADI streams with high levels of jitter.

Fixes

ID5814   When a superMADI card is fitted in the MixRack, the touchscreen could crash if an external VGA monitor is connected and displaying the superMADI GUI.

ID5803   The touchscreen could stop responding if an FX unit input is patched from Direct Output 128

ID5759   Under certain circumstances the touchscreen could crash when changing users.

V1.62   December 2017

Maintenance Release

Improvements

- dB values added to Send Level soft rotaries in widget area

Fixes

ID5759	In rare circumstances the touchscreen could crash when changing User Profiles
ID5756	PEQ/Comp swap with INS B assigned results in level change
ID5748	In some circumstances the touchscreen can crash if a particular FX unit has SEL active & is visible on more than one screen
ID5729	Virtual Soundcheck: Record Send patching fixes.
ID5728	Widget area Aux Sends can link together after mixer configuration changes.
ID5651	Multiple cursor visibility fixes

V1.61   October 2017

Maintenance Release

Fixes

ID5673	Filter, Safe and Scene Update crosspoints not visible on some Macs
ID5674/ ID5705	DX enumeration improvements
ID5685	DX Link option card output patching offset
ID5693	Adjusting Send and Send-Pan parameters on IP controller rotaries could cause undesirable changes to the audio.
ID5708	SEL MIX PAFL Scene function on a softkey recalls wrong scene
ID5710	Pressing the "USB disk full" message can cause a crash

V1.60   October 2017

Feature Release

New features

- Multi-Surface
  - Up to 4 Surfaces can be connected to a single MixRack
  - Gain tracking
  - Partial show recall option (surface only)
  - Show based "role" system with discrete scene ranges and filters
- DEEP Auto Mic Mixer (AMM)
  - Up to 64 channels into 1,2 or 4 zones
  - AMM soft rotaries, soft keys and widgets
- New DEEP Compressor: "Mighty"
- New DEEP Preamp: "Tube Stage"
- Support for new hardware:
  - DM0
  - DX Hub
  - DX Link

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- o GPIO
- o IP1
- Cascade Mode for DX168
- Source selector and scene select for IP controllers
- Director access over internet/WAN

Improvements

- Echo FX Unit - noise can now be turned ON/OFF
- Recall filter - copy and paste functionality added
- Scene pages GUI – improved responsiveness

Fixes

ID3396	gigaACE improvements.
ID4523	Recall filter icon could display when no recall filter present.
ID4854	In rare circumstances a Scene Update could cause a MixRack crash.
ID5132	Network traffic could sometimes pass through Waves3 I/O module.
ID5282	Several gigaACE improvements.
ID5319	Un-patching an active channel from VSC breaks the GUI gain control.
ID5401	Surface output polarity doesn't work after reboot.
ID5469	Relative faders to main Scene updates would be treated as absolute.

Several other minor fixes and improvements.

Note: dLive Director 1.60 for Mac requires Mac OS X 10.10 or higher.

V1.52   September 2017

Maintenance release

Several fixes – please refer to V1.52 Release Notes for details on fixes and improvements.

V1.51   August 2017

Maintenance release

New features

- Support for new superMADI module

Several fixes – please refer to V1.51 Release Notes for details on fixes and improvements.

V1.50   May 2017

Feature Release

New features

- Multiple scene system improvements:
    - o Scene import from USB & User show files
    - o Scene update: Manual and Auto Tracking modes
    - o Scene update: Absolute and Relative level modes
    - o Wider range of Update and Global Safe parameters
    - o New GUI for Update and Global Safe functions
- MIDI over TCP/IP Protocol for 3rd party control
- Mains channel strip ganging in "Individual" mode
- Support for new AES module

- Support for new DX168 Remote Expander (Cascade mode not supported in 1.50)

Several fixes – please refer to <u>V1.50 Release Notes</u> for details on fixes and improvements.

V1.42	April 2017

Maintenance release

Fixes

ID3742   In rare circumstances a MixRack could lose connection to Surface/Director/IP Controllers

V1.41	March 2017

Maintenance release

Improvements

- Addition of a 3-band mode to the Dyn8 multiband compressor.
- Per band In/Out buttons in the Dyn8 multiband compressor now fully bypass the multiband processing, thus avoiding phase distortion.
- Improvements to system responsiveness and management of network traffic.

Several fixes – please refer to <u>V1.41 Release Notes</u> for details on fixes, improvements and known issues

V1.40	January 2017

Feature release

New features

- Virtual Soundcheck mode
- DCA spills
- Dyn8 insert-able dynamic engine
- DEEP Processing Peak Limiter 76
- Multistage ducking
- Dimension Chorus effect
- 3rd screen view on VGA output
- Support of dLive C Class products and fibreACE audio networking card

Several other improvements and fixes – please refer to <u>V1.40 Release Notes</u> for details on fixes and improvements.

V1.31	September 2016

Maintenance release

Several fixes – please refer to <u>V1.31 Release Notes</u> for details on fixes and improvements.

V1.30	July 2016

Feature release

New features

- Support for IP6 and IP8 Remote Controllers
- Support for Waves V3 and gigaACE audio networking cards
- MixRack and Surface Network settings are now available in Director when in online mode

Several fixes – please refer to V1.30 Release Notes for details on fixes and improvements.

V1.21	June 2016

Maintenance release

Several fixes – please refer to V1.21 Release Notes for details on fixes and improvements.

V1.20	June 2016

Feature release

New features

- dLive Director software for Mac and Windows
- Dual-Stage Valve Preamp
- 5.1 Main mode
- 8 Mute Groups
- User defined meter ballistics and Peak Hold
- Multi PAFL Bus

Several other improvements and fixes – please refer to V1.20 Release Notes for details on fixes and improvements.

V1.11	March 2016

Maintenance release

Several fixes – please refer to V1.11 Release Notes for details on fixes and improvements.

V1.10	January 2016

Feature release

New features

- **DX32 support** – Up to 3 DX32 modular I/O expanders can be connected to a dLive system.
- **ME-1 names and stereo links** – Channel names and stereo links are now communicated over the Monitor port to connected ME-U and / or ME-1 units.
- I/O Port **card discovery and settings** – Cards fitted to the I/O Ports are now listed on the relevant screens and their options displayed.

Several fixes – please refer to V1.10 Release Notes for details on fixes and improvements.

V1.03	December 2015

Maintenance release

Several fixes – please refer to V1.03 Release Notes for details on issues fixed.

V1.02　November 2015

Maintenance release

New features and improvements

ID1225　PAFL Delay time increased, now up to 170ms.

ID1149　Fader calibration added.

ID1279　Contextual Help added.

Several fixes – please refer to <u>V1.02 Release Notes</u> for details on issues fixed.

V1.0　September 2015

This was the first public release of dLive firmware.

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