



[25.04.00] - 2025-04-23

Added

- Fixing broken remote firmware updates.

[25.01.01] - 2025-01-31

Added

- Fixing incorrect channel count for NG1.Pro product

[25.01.00] - 2025-01-24

Added

- Fixing issue where unrecognized product will not connect even in force mode.

[24.11.00] - 2024-09-26

Added

- Adding new speaker variants for use with DA-G3

Changed

- Updated highlighted speaker graphic to reflect mObridge theme.

[24.09.02] - 2024-11-25

Added

- Adding support for DA-G3 preamp series





[24.09.01] - 2024-09-26

Changed

- Tune file saves now ensure to save the DSP app version of the currently connected device.
- Fixing exit prompt inability to cancel.

[24.09.00] - 2024-09-23

Changed

- Additional safeguards when asynchronously waiting for reads/writes on the device, ensure timeout can occur to prevent waiting indefinitely. Possible fix for zombie background process issue.

[24.08.01] - 2024-09-13

Changed

- Fixing incorrectly sized input gain spinbox on macOS.

[24.08.00] - 2024-08-26

Changed

- Fixed backwards incompatibilities with legacy amplifiers

[24.07.02] - 2024-07-23

Changed

- Remove empty options sub-menus for products not supporting some options.



[24.07.01] - 2024-07-22

Added

- Support for Rear Fill, on applicable products
- Option to have head unit bass control either modify master EQ, or to offset the gain on sub woofer assigned channels.

Changed

- USB communication speed increase, on applicable products.

[24.07.00] - 2024-07-04

Changed

- Fixing incorrect loading of older tunes with center channel set.
- Fixing some improper settings retainment between firmware updates, or when loading some tune files.

[24.06.06] - 2024-06-25

Changed

- Fixing incorrect loading of older tunes, where some channels would no longer be mapped.

[24.06.05] - 2024-06-14

Changed

- Further fix for intermittent issue where if multiple mObridge devices are connected, the input gains and channels selections are empty for one of them.



[24.06.04] - 2024-06-12

Changed

- Fixing sometimes broken user manual, install guide links when automatic update checks are on.
- Added install guide and user manual links to Help menu.
- Added UI user guide to Help menu.

[24.06.03] - 2024-06-12

Changed

- Fixing intermittent issue where if multiple mObridge devices are connected, the input gains and channels selections are empty for one of them.

[24.06.02] - 2024-06-12

Changed

- Fixing issue where firmware update check gets stuck indefinitely.
- Fixing macOS device screen display issue.

[24.06.01] - 2024-06-11

Changed

- Fixing regression where mute all button is no longer visible.



[24.06.00] - 2024-06-05

Changed

- Do not fetch latest firmware releases if firmware has a stable release marked.

[24.05.03] - 2024-06-05

Changed

- Ensure Q-L/R checkbox only set after Woofer/Sub channel, and previous channel was also checked.

[24.05.02] - 2024-05-21

Changed

- Fixing legacy upmix/timealign model support when loading from tune files.

[24.05.01] - 2024-05-20

Changed

- Fixing crossover link to only mirror the filter crossovers (LPF/BPF/HPF) between channels.

[24.05.00] - 2024-05-17

Changed

- Fixing time align distances not being saved for presets other than 1.
- Fixing dialog window shrinking on main window movement.
- Fixing Qt issues on upgrade to 6.7.0



[24.04.01] - 2024-04-17

Changed

- Fixing broken input channel select check boxes regression.

[24.04.00] - 2024-04-16

Changed

- Fixing incorrect DRC channel limiter value after a preset copy.
- Adding MOST25 vehicle specific logical input labels.

[24.02.02] - 2024-02-23

Changed

- Fixing incorrect scaling/offset of speaker mute overlay icons.
- Reducing minimum input gains to -48 dB.
- Fixing issue where channel is incorrectly muted on device connection.

[24.02.01] - 2024-02-14

Changed

- Fixing incorrect speaker tooltip mute suffix.
- Fixing regression where speakers do not display correctly on startup.



[24.01.03] - 2024-01-31

Changed

- Fixed issue where factory reset hangs forever.
- Extended flash timeout.
- Potential fix for mute overlay image over speaker icon not appearing correctly.

[24.01.02] - 2024-01-25

Changed

- Add timeout to factory reset, reset functions to ensure hang-free operation.
- Additional fixes for resetting device after firmware update.

[24.01.01] - 2024-01-16

Changed

- Adding previously removed center channel upmix algorithms. These are now operational again.
- Adding "Tune" suffix to New, Save, Save AS etc. for more clarity to user.

[24.01.00] - 2024-01-09

Changed

- Adding missing OEM products.



[24.00.00] - 2024-01-04

Changed

- Fixing scaling and text placement issues in macOS since Qt6 port.
- Fixing bundled firmware directory location.
- Fixed reset command going unresponsive and hanging forever issue.

[23.12.02] - 2023-12-15

Changed

- Fix incorrect BMW input labels
- Fix incorrect time align description label.

[23.12.01] - 2023-12-14

Changed

- Ensure vehicle selection does not change between firmware updates.
- Move vehicle selector so that master EQ is not shrunk.

[23.12.00] - 2023-12-11

Changed

- Add center channel up-mix capabilities, including ADP.
- Add master/channel EQ designators
- Change configuration tab name to "Config & Master EQ" to better represent content.



[23.11.03] - 2023-11-14

Changed

- Fixed copy preset/EQ regression issue introduced on port to Qt6

[23.11.02] - 2023-11-08

Changed

- Removed unused Ftdi CDM driver from Windows installer.

[23.11.01] - 2023-11-08

Changed

- Additional Qt6 support for macOS
- Minimum macOS is now Catalina 10.15, as Qt6 mandates this.

[23.11.00] - 2023-11-01

Added

- Add Ford A2B 16CH amplifier prototype support
- Add BMW AVB 16CH amplifier prototype support ### Changed {#changed-34 }
- Fixed incorrect display of Digital Inputs for analog products.

[23.08.05] - 2023-09-28

Changed

- Remove vehicle selector for K2 A2B Ford product, this has DIP switches.



- Fix label alignment for time align and limiter screens.

[23.08.04] - 2023-08-30

Changed

- Slightly re-scale the re-scaled the DSP levels to cater for DSP firmware offset, and allow for +9dB boosts now.
- Support custom Windows UI scaling beyond 100%. Reduce default UI size to accomodate.

Known Issues

- Port to Qt6 framework for UI scaling has broken the copy preset and copy EQ features.

[23.08.03] - 2023-08-29

Changed

- Add the DRC limiter UI to it's own tab, to show the feature more prominently.
- Fixing incorrect legacy .rax file loading of EQ points for new gain scale.
- Update MOST25 device first inputs to be labelled as "stereo".

[23.08.02] - 2023-08-28

Changed

- Re-scale the DSP gain levels to allow for more precision when specifying gains.
- Allow for correct calibration of 0dB level.
- Addition of stereo input gain level spinbox.



[23.08.01] - 2023-08-24

Changed

- Addition of entirely new time alignment wizard, moved to own tab.
- Remove DRC limiter temporarily while it is being fixed.

[23.07.03] - 2023-07-24

Changed

- Fixing incorrect copy of presets bug where no audio is heard on channels other than channel 1.

[23.07.02] - 2023-07-19

Changed

- Fixing often hidden time alignment spinbox.

[23.07.01] - 2023-07-12

Changed

- Quieten popups when automatic update checks are enabled.
- Add auto update options to Options menu.
- Remove non-functional center channel upmix algorithms from selector.



[23.07.00] - 2023-07-06

Changed

- Remove Dante A2B channel mapping. This should only be used in the new mObridge Master application which features a proper patch bay.

[23.06.00] - 2023-06-16

Changed

- Reinstate ability to map MOST25 mono sinks to rear left and rear right channels. This allows PDC sensor beeps to be broadcast from all corners of the vehicle, if needed.
- Fixed issue where EQ gain slider would be incorrectly set after load from .rax file.
- Fix slight issue pertaining to filter editor form offline being disabled incorrectly.
- Fix incorrect text on firmware update button after firmware download.

[23.04.00] - 2023-04-19

Changed

- Further fixes for copy/clear presets. Ensure that only affected preset is sync'd with the device.

[23.02.00] - 2023-02-22

Removed

- Time-align crosshairs and distance-box. These are misleading to the end-user, and encourage an incorrect approach to time-alignment setting. ### Changed {#changed-46 }
- Fixing issue pertaining to preset corruption when copying presets.



[22.11.02] - 2022-11-23### Changed

- Add/removing features for certain products.

[22.11.01] - 2022-11-21### Changed

- Fixing unnecessary synchronizations for master nodes.

[22.11.00] - 2022-11-20### Changed

- Adding DRC to K1.x Analog product.
- Adding support for installing scriptable archives (.sma)

[22.10.01] - 2022-10-30### Changed

- Fixing compiler optimization problems on MSVC.

[22.10.00] - 2022-10-30### Changed

- Fixing issue with time alignment in imperial measurement units.

[22.08.00] - 2022-08-30

Added

- MOST150 oPHY/cPHY input channel and sink names. ### Changed {#changed-47 }
- Fixed backwards compatibility issue with newer firmware.



[22.07.00] - 2022-07-13

Added

- Support for MOST150 oPHY/cPHY and A2B Ford K2 DSP/amplifiers. ### Changed {#changed-48 }
- Allow Woofer-assigned channels to use a high pass filter, for the use-case that someone wishes to use a passive crossover on said channel.

[22.06.00] - 2022-06-23

Added

- Support for 16-bit filter bins. ### Changed {#changed-49 }
- Fixing UI bug with Woofer/Subwoofer channel filter slope.

[22.05.02] - 2022-05-16### Changed

- Fixing high pass filter glitch.

[22.05.01] - 2022-05-09### Changed

- Fixes for macOS Monterrey.
- Fixing incorrect dBFS slider offset in DRC interface.
- Force Biquad filter for woofer and subwoofer channels, as this is all that is supported.

[22.04.00] - 2022-04-12

Added

- Adding support for DA-G2 A2B Generic product.



[22.03.00] - 2022-03-11

Added

- Support for high DPI resolutions, custom scaling.

[22.02.03] - 2022-02-24

Added

- Fixing recovery mode crashing issues.

[22.02.02] - 2022-02-16

Added

- Dynamic Range Compression tuning on selected products.
- Ability to check power on outputs. ### Changed {#changed-50 }
- Automatic updater incorrect dialog box title.
- Increase IIR stage maximum to 17. This now allows a maximum of 16 points on Woofers/Subwoofers.

[22.02.00] - 2022-02-02

Added

- Adding ability to flash fixed NV images. ### Changed {#changed-51 }
- Fixing bug with default Q factor left and right mirroring.



[22.01.00] - 2022-01-25

Added

- Warn when loading rax files for different products
- Ability to ignore rax warnings.
- Per EQ point Q-factor mirroring.
- Biquad-only IIR crossover filters for certain products. ### Changed {#changed-52 }
- Updating mObridge icon.
- Fixing preset combobox UI glitch.
- Faster tooltips when hovering over widgets.

[21.11.02] - 2021-11-18

Changed

- Fixing broken styling on equalizer tool buttons.

[21.11.01] - 2021-11-18

Changed

- Reworking automatic updater to be less confusing.

[21.11.00] - 2021-11-5

Changed

- Fixing connection issue with DSP-enabled masternodes.



[21.10.00] - 2021-10-28

Changed

- Adding product support for M1 amp, and latest DSP app version.

[21.09.01] - 2021-09-29

Changed

- Fixing crash when loading certain .rax configuration files.

[21.09.00] - 2021-09-10

Changed

- Fixing broken product connectivity with legacy products.

[21.08.02] - 2021-08-25

Changed

- Fixing description and features for A2B Bridge product.

[21.08.01] - 2021-08-18

Changed

- Fixing crash on copying presets when crossovers are enabled.



[21.08.00] - 2021-08-12

Changed

- Fixing combo box appearances in macOS, to allow for proper preset copy/delete.
- Fixing broken Q-factor L-R linking in Master EQ.
- Fixing broken auto firmware updater URL, as webserver is now redirecting links.
- Fixing filter slope being incorrectly readjusted when selecting between a Woofer/SubWoofer and any other speaker.

[21.07.00] - 2021-07-08

Added

- Fixing zero-length string for DSP settings 'name' field.

[21.06.01] - 2021-06-10

Added

- Product vehicle details for DA-G2 MOST150 Coax product. ### Changed {#changed-62 }
- Fixing broken filter slope implementation on Woofer/SubWoofer channels. These channels are only able to be made 2nd, 4th, 6th, or 8th order, since they utilize Biquad filtering functions.
- Fixing time alignment options menu visibility bug.

[21.06.00] - 2021-06-04

Added

- Time alignment measurement units (in/mm) is now selectable via user interface. ### Changed {#changed-63 }



- Fixing incorrect LPF/HPF/BPF values when switching speakers.
- Fixing incorrect x-over pair initialization when loading from file.

[21.05.01] - 2021-05-26

Changed

- Fixing macOS build issues on Big Sur.

[21.05.00] - 2021-05-14

Changed

- Fixing DA-G2 A2B Standard feature compatibilities.

[21.04.00] - 2021-04-26

Added

- Support for DA-G2 MOST150 COAX product range.

[21.03.02] - 2021-03-26

Added

- Re-adding Porsche PCM3.x vehicle option.



[21.03.01] - 2021-03-18

Added

- Direct Pass Thru to DA-G2 A2B MN.

[21.03.00] - 2021-03-01

Added

- Ability to copy and reset presets.
- Confirmation dialog when unamping all speakers. ### Changed {#changed-66 }
- Optimized Copy EQ points functionality.
- Fixed mute all control desynchronization with speakers.

[21.02.02] - 2021-02-19

Added

- Support for logical inputs versus input channels.
- Copy EQ points popup menu now has a title. ### Changed {#changed-67 }
- Fixing mismatch of indices of input gains.

[21.02.01] - 2021-02-16

Added

- Feature to copy EQ points between EQs. ### Changed {#changed-68 }
- Reworked some UI components.
- Fixed issue regarding incorrect input gain indices being synchronized.



[21.02.00] - 2021-02-05

Added

- Amplifier K2 MOST25, MOST150, and A2B Ford product range. ### Changed {#changed-69 }
- Fixing unmapping sync'ing issues for certain products.
- Fixing connection issues with legacy products.

[20.12.02] - 2020-12-23

Changed

- Fixed issue with backend scripting mechanism.

[20.12.01] - 2020-12-17

Changed

- Fixed issue with vehicle label/selector.

[20.12.00] - 2020-12-04

Added

- Ability to select between multiple connected USB devices.
- Time Alignment floating window exit button. ### Changed {#changed-72 }
- Mute label now greys out when disabled.
- Layout issues for Vehicle selection panel.
- Fixing EQ bins plot showing for Biquad channels.



[20.11.00] - 2020-11-18

Added

- Biquad IIR cascaded filtering support

[20.10.01] - 2020-10-14

Changed

- Fixing regression issue with DA3 mono input gain adjustment.

[20.10.00] - 2020-10-06

Changed

- Fixing issue with "Mute All" control.
- Fixing layout issues with combo boxes on macOS.

[20.09.01] - 2020-09-25

Changed

- Revamp mute controls to be more intuitive.

[20.09.00] - 2020-09-16

Added

- Adding DA-G2 A2B Ford product images. ### Changed {#changed-76 }
- Gain increments are now in 0.1 dB resolution, for supported firmware.
- Fixing DA-G2.Standard products to include TOSLINK mapping.



[20.08.03] - 2020-08-31

Changed

- Changes to K2 MOST25 product configuration.

[20.08.02] - 2020-08-28

Changed

- Tidying vehicle selector, removing source selector.
- Fixing K2 MOST25 amplifier inputs and vehicles.

[20.08.01] - 2020-08-28

Changed

- Fixing K2 MOST25 amplifier feature compatibilities.
- Fixing vehicle label update on Device screen.
- Various backend improvements to update checker mechanism.

[20.08.00] - 2020-08-07

Changed

- Fixing issue with vehicle selector not properly updating for DA1/DA2/DA3 products.
- Disable "Tools" menu during firmware update.



[20.07.00] - 2020-07-07

Changed

- Fixing issue where no speakers are displayed as mapped.
- Fixing issue where speaker channel mapping would be incorrect after loading a .rax file.

[20.06.01] - 2020-06-19

Changed

- Fixed updater mechanism to ensure that minimum required previous versions are being observed when flashing FIF files.

[20.06.00] - 2020-06-04

Added

- Numerous keyboard shortcuts added including:
 - Tab selection
 - Speaker selection
 - Fullscreen
 - Misc. options
- Ability to mute/unmute all speakers at once.
- A2B slave HU controls. ### Changed {#changed-83 }
- Fixing SSL issues with automatic firmware updates.
- Updated software licensing acknowledgements for Qt, and other open-source libraries used.
- Mono input channels will now use the label "Sink" to avoid incorrect association with subwoofer inputs.



[20.05.00] - 2020-05-01

Added

- Full device recovery mode.
- Additional flash file checks prior to update.

[20.04.01] - 2020-04-09

Added

- Adding product support for W K1 2.0 A2B Amplifier.

[20.04.00] - 2020-04-01

Changed

- Further restrict input channel mapping to certain speakers for DA-G2 MOST25, MOST50, and MOST150 products.

[20.03.01] - 2020-03-19

Changed

- Input delays can now be adjusted to 0.1 of a millisecond.
- Minor fixes for Biquad filtering implementation.

[20.03.00] - 2020-03-12

Added

- Support for Biquad time-domain filtering. ### Changed {#changed-86 }





- Fixed vehicle selector on DA1, DA2, and DA3 products
- Fixed EQ watermarks displaying on clusters with a single speaker.
- Fixed time alignment distance miscalculation.
- Fixed swapped low/high pass filter parameters for band pass filters.
- Fixed misc. UI issues.

[20.02.01] - 2020-02-27

Added

- Restart/reboot device button on device screen. ### Changed {#changed-87 }
- Increasing filter slope maximum to 48 dB/8ve (8th order).
- Hide time align panel on channel map form when unmapped speaker is selected.
- Fixed automatic synchronization of DSP data to device after firmware update, potentially overwriting user data.
- Restrict input channel mapping to certain speakers for DA-G2 MOST25, MOST50, and MOST150 products.
- Fixing issue with EQ point magnitude spinbox not changing upon adjusting the gain slider.
- Fixing issue with improper graphics overlay updating of speaker icons when muting/unmuting in presets other than 1.

[20.02.00] - 2020-02-01

Added

- Automatic device backups prior to performing a firmware update. ### Changed {#changed-88 }
- Fixed vehicle make/model display issues for DA-G2 series of products.
- Fixed improper destruction of dynamic widgets when disconnecting device, resulting in "stacked" widgets on reconnection.
- Fixing incorrect upmix LMS algorithm default parameter.
- Fixed incorrect register of speaker selection change when remapping a speaker.



- Fixed app resizing/plotting issue when direct passthrough is enabled.
- Fix crash when adjusting gain slider with no (visibly) selected EQ point on Channel EQ.

[20.01.02] - 2020-01-24

Changed

- Fixed issues with enabling/disabling controls during updating firmware.
- Fixed broken Release Notes link after updating to latest online updating API.

[20.01.01] - 2020-01-23

Added

- Product support for DA-G2.Entry MOST150
- Product support for DA-G2.Entry MOST50 ### Changed {#changed-90 }
- Move Master Node (MN) build into main build.
- Fixing centre-channel upmix algorithm selector issues.
- Full rework of the product configuration table.
- Fixed unhidden filter curve when toggling Direct Passthru feature.
- Fixed the time align crosshairs flickering issue when enabling a speaker for a product which does not support time align.
- Display output channel indexes in output channel map combobox. Helps to map to speaker selector numeric labels.
- Migrate to latest online update/support API.



[20.01.00] - 2020-01-10

Added

- ANC eng. panel overhaul, including impulse response graphing, and speaker selection/mapping.

[19.12.02] - 2019-12-23

Changed

- Fixed issue where the mono/analog input gains were being set incorrectly.

[19.12.01] - 2019-12-12

Added

- Product support for PPAP MOST25 Masternode.
- UDS support to scripting interface. ### Changed {#changed-92 }
- Fixed incorrect speaker mapping displaying in speaker selector.
- Fixed failure to update speaker icon when muted, and when disconnecting device.
- Fix crash when clearing masternode log.
- Fix broken headunit controls on masternode.
- Fix incorrectly set automatic add filter option.
- Fix issue where application cannot close due to false positive regarding firmware update.
- Gain slider now properly reflects the value of master/channel gain as an integer.
- Fix broken update of gain spinboxes.
- Fix crash when disconnecting a device with a non-zero gain.



[19.12.00] - 2019-12-03

Added

- Product support for DA-G2 MOST50 Pro/Standard.
- Product support for ANC A2Bv2 amplifier. ### Changed {#changed-93 }
- Fixed synchronization bug where queue never properly cleared.

[19.11.02] - 2019-11-28

Changed

- Fixed false positive "incompatible device" on device connection.
- Fixed rare startup crash when loading EQ from device.

[19.11.01] - 2019-11-22

Changed

- Fixed connection bug when multiple FTDI devices are connected, where one or more of which are not FD/mObridge devices.

[19.11.00] - 2019-11-19

Added

- Manual update only option to disable automatic updating.
- Support for mono input delay on DA-G2 products.
- Masternode levels adjustment (volume, bass, treble, etc. . .) ### Changed {#changed-96 }
- Fixed crash when changing EQ gain straight after loading from device.
- Fixed automatic firmware update checkboxes bug where the checkboxes are permanently disabled.



[19.10.04] - 2019-10-31

Changed

- Fixing bug on A2B and MOST logging/controls for masternode build
- Fixing crashes when resetting/restarting a script.

[19.10.03] - 2019-10-29

Added

- Privileged support for MOST and A2B master node devices.

[19.10.02] - 2019-10-18

Added

- Updated support for macOS

[19.10.01] - 2019-10-10

Added

- Linkwitz-Riley DSP filter support

[19.10.00] - 2019-10-08

Added

- Product support for Bavsound MOST25 amplifier. ### Changed {#changed-98 }
- Switched out backend threading and timing for modern implementation.
- Disallow closing application when any device process is being undertaken.



- Fixed minor issues with the update checking module.

[19.09.02] - 2019-09-23

Added

- Add third-party icon acknowledgements.
- Add missing optional Time Alignment widget to Channel EQ screen. ### Changed {#changed-99 }
- No longer prompt to save settings even though nothing has changed.

Removed

- Removed QWebEngine due to enormous file sizes.
- Removed ability to locally view markdown firmware release notes. This is now handled via the mObridge website.

[19.09.01] - 2019-09-20

Added

- Application can now view markdown firmware release notes. ### Changed {#changed-100 }
- Fixed crash on close of application.

[19.09.00] - 2019-09-19

Added

- Automated online firmware updating system.
 - Automatic online checking of new firmware.
 - Automatic downloading of new firmware.
 - Retrieval of release notes for new firmware.
- Additional protection for user settings. Before firmware update, user settings are saved, and after



mObridge DSP Application Release Notes

firmware update, they are written back to the device, in case of corrupted memory during update.

- Launch support for the DA G2 series, including new product images.
- Option for not automatically adding a filter when mapping a speaker.
- Option for not showing time align form as a popup, but rather as a static widget.
- Add a variety of missing tooltips. ### Changed {#changed-101 }
- Revamp the Device screen UI to better suit the new automatic update system.
- Speed improvements to device connection protocol.
- Fixed watermark EQ plot incorrect gain issue.
- Fixed time alignment scene crosshairs showing up offline/unsupported products issue.
- Fixed imperial measurement conversion errors in the time alignment form/scene.
- Fixed non-0 gain issue for products with channel EQ support.
- Device serial number is no longer shown if it is all zeros - N/A is shown instead.
- Disallow ability to quit application whilst updating the firmware.

[19.06.02] - 2019-06-27

Added

- Scripting interface for device testing.

[19.06.01] - 2019-06-19

Changed

- Fixed Windows 8 device inconsistent connection issues.
- Speaker name labels are now clickable for muting/unmuting speakers.
- Clean up numerous memory leaks.
- Update FTDI driver to 2.12.28.



[19.06.00] - 2019-06-11

Added

- Product support for K A2B v2 amplifier.
- Product support for K MOST25 v2 amplifier. ### Changed {#changed-103 }
- Disable EQ clear/delete buttons when no point is selected.
- Disable EQ watermark checkbox when no watermark is available.

[19.05.00] - 2019-05-16

Added

- Time alignment scene popup box on mouse hover - this shows the current speaker's time alignment settings.
- Support for changing the center channel upmix algorithm from the UI (for applicable products).
- Direct passthrough UI support - the app now disables the EQ scene and filter controls when the direct passthrough feature is checked. This is because the DSP completely bypasses any DSP filtering/bins when this feature is used, so it should be represented graphically. ### Changed {#changed-104 }
- Speaker selector and time alignment scene major overhaul.
- Shorten time alignment scene to allow for a taller EQ scene.
- Vehicle and source combo boxes have moved to where the time alignment spinbox list once was.
- Fixed combo box incorrect item heights.
- Fix broken animations and screen transitions.
- Graphical origin of time alignment for the left/right subwoofers is now reflected by the location within the cabin scene, rather than by shifting the entire scene.

Removed

- Unnecessary communications with the DSP device - when performing UI tasks that do not affect embedded DSP settings, the app now does not trigger a resync.
- Time alignment spinbox list. A per-speaker spinbox is now shown as a popup window when hovering



over the time alignment scene.

[19.03.02] - 2019-03-22

Removed

- Vehicle: Land Rover Gen2 Basic.

[19.03.01] - 2019-03-22

Added

- Ability to force manual selection of firmware file. ### Changed {#changed-105 }
- Fixed incorrect default firmware path in AppData directory (on Windows).
- Fixed skin theming on multiple firmware found selection dialog.

[19.03.00] - 2019-03-21

Added

- Proper firmware file checking prior to flashing.
- Confirmation dialog when flashing.
- Default firmware directory in AppData directory (on Windows).
- Vehicle: Range Rover Gen2 Premium (reinstated). ### Changed {#changed-106 }
- Fixed issue with speaker selector labels in offline mode.

[19.02.01] - 2019-02-25

Added

- Initial development support for ANC calibration. ### Changed {#changed-107 }



mObridge DSP Application Release Notes

- Make checkbox hover/click more user-friendly.
- Fixed UI race condition prevalent in slower, older machines.
- Fixed newly introduced memory leaks.

[19.02.00] - 2019-02-11

Changed

- Merged products High Power MOST25 6.1 & High Power MOST25 6.2 amps.

[19.01.01] - 2019-02-08

Added

- Migrate to yearly versioning system.
- Product support for High Power MOST25 6.2, High Power Analog 6.2, Bimmertech prototype.
- About dialog, listing build stats, such as time, and Git SHA.
- Basic CI builds, for Debug and Release. ### Changed {#changed-109 }
- Fix multiple issues with Time Alignment cursor.
- Revamp speaker selection backend algorithms.
- Improved the gain slider mouse interaction.
- Fixed a rare RAX file loading crash.

[0.9.8] - 2018-12-17

Changed

- Fix incorrect filter for 6dB-sloped high/low pass filters.
- Fix speaker assign synchronization flags, fixes broken fade/balance. functionality on applicable products.



[0.9.7] - 2018-12-03

Changed

- Fix etched/blurred text on Windows 7 and older operating systems.
- Rework product features mechanism to be in one unified place.
- Fix issues with DA G2 product regarding the mono gains spinboxes.

[0.9.5] - 2018-11-07

Added

- Prouct support for K A2B Amplifier.

[0.9.4] - 2018-08-07

Added

- Product support for DA G2 MOST25, MOST50, MOST150 DSPs.

[0.9.3] - 2018-06-20

Added

- Fix random crash on connection to DSP/amplifier.

[0.9.2] - 2018-06-19

Added

- Product support for UNICENS150 amplifier.



[0.9.1] - 2018-05-04

Added

- Extra sources to product Standalone 8 chan DSP.

[0.9.0] - 2018-02-06

Changed

- Migrated AmpSettings to submodule fddsp-model.
- Migrated AmpConnect to submodule fddsp-connect.
- Revamped back-end.
- Fix race condition on DspModel initialize.
- Fix release build invocation under debugger.
- Fix crash on flashing via FTDI.

[0.8.10] - 2018-01-18

Changed

- Fix product OEM Audio+ compatibility issues with input gains and profiles.

[0.8.9] - 2018-01-08

Changed

- Fix display issues with small resolutions.
- Fix EQ point clear/delete functionality on xOver enabled channels.



[0.8.8] - 2018-01-06

Added

- Product support for High Powered DSP Amp with CAN.

[0.8.7] - 2017-12-21

Added

- Product support for Analog Amp with CAN Bus, High Power Analog Amp.

[0.8.6] - 2017-12-20

Added

- Product support for UNICENS Amp.

[0.8.5] - 2017-12-11

Added

- Missing Desktop shortcut.
- Subwoofer band-pass filtering.
- Missing Universal CRT Windows runtime. ### Changed {#changed-115 }
- Fixed incorrect install location.
- Cleaned up mObridge icon.



[0.8.4] - 2017-11-16

Changed

- Fixed missing features on product mObridge Analog Amplifier.
- Fixed issues pertaining to multiple spawning forms.
- Minor UI fixes.

[0.8.3] - 2017-11-14

Added

- Product support for mObridge Analog Amplifier.
- Missing MSVC runtime DLL issues. ### Changed {#changed-117 }
- Fixed crash on Windows where no FTDI device had ever been attached.

[0.8.2] - 2017-09-28

Added

- Input gain adjustment (on selected products).

[0.8.1] - 2017-07-17

Added

- Product support for Analog DSP and Analog Amplifier.
- Dynamic channel input mapping. ### Changed {#changed-118 }
- Fix numerous graphical issues.
- Update colour scheme of GUI.
- Backed overhaul, fixes numerous issues.



- Fix numerous memory leaks.

Removed

- Unrequired icu DLLs from install.

[0.7.6] - 2016-10-21

Added

- Product support for Aston Martin DA series. ### Changed {#changed-119 }
- Overhaul EQ graphics scene.

[0.7.5] - 2016-08-09

Added

- FTDI installer to install sequence.

[0.7.3] - 2016-07-21

Added

- Support for macOS operating system.
- FIF flash support.

[0.7.0] - 2016-05-30

Added

- Spinner graphic while connecting to device.
- GUI animation. ### Changed {#changed-120 }





mObridge DSP Application Release Notes

- Various GUI fixes, updates.