

ALLDSP

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INNOVATIVE
AUDIO SOLUTIONS

In this document pending requests, changes, bugfixes, and known issues related to our AllControl application software and the firmware for our DSP hardware products are listed. For installation instructions please download the separate document from the "Software" section of our website.

Release version: 3.8.24

3.8.24

Changes:

- Added scale and zoom buttons in PEQ window
- Reduced panel switching time
- Enabled control of linked channels from both channels instead of only "master" channel
- Improved responsiveness while syncing
- Faster execution of Save and Load commands
- Added function "Open Group" and "Save Group"
- Added Loudspeaker Library Selection Mask: When set, only loudspeaker library elements that contain this mask will be listed in the Loudspeaker Library drop-down list, making the list of available loudspeakers configurable for each preset
- Added DMIX44: 4x4 Dante networked DSP unit

Fixed Issues:

- Discrepancies between local menu and GUI
- Wrong serial number on display after loading a flash image from another unit
- In PLP428, in some cases the front panel LEDs would freeze after disconnecting the PC
- Problems when using PIN access control functionality
- Automatic backup and restore of presets and settings when doing a firmware update
- Cosmetic issues

3.8.23

Changes:

- Improved responsiveness in large systems
- Faster loading of windows
- Less processor and memory load
- Units in network view are now sorted case-insensitive
- Improved RTA measurement functionality:
 - Play / Pause button
 - One Shot or Continuous Mode
 - Auto Unmute / Mute Hardware
 - Configurable FFT length, Smoothing & Time Averaging
 - Save measurements and apply any combination as a weighted average toward FIR

conversion

- Select affected frequency range per measurement
- Interpolate between measurements
- Improved FIR functionality:
 - FIR filters are saved with presets on PC
 - Load and save FIR filters to file
- Added second compressor stage on all channels (selected models only)
- Added customizable Preset Access Rights Keys that control the display of individual elements (you can hide certain GUI elements per preset; set this to determine what the User or Admin can see and control) (available upon request and subject to approval)
- Added Projects: Offline (or online) full system setup and system presets (available upon request and subject to approval)
- Added PDS-2PE1515 (Dante / Analog input 2x15W plate amplifier with PoE)
- "Update Available" is only shown then the firmware in the unit is older than the firmware supplied with the PC application

Fixed Issues:

- Full Screen Mode on MAC OSX
- FIR in Demo Mode
- Black EQ screen when applying FIR and switching between screen modes
- Setting an IP over 223 for the 4th octet is no longer allowed
- Running the application twice simultaneously is blocked
- PIN protection improved
- Selecting multiple group members at once
- Clicking on labels no longer shows a text entry field
- Scrolling of network window when many units are online
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3.8.22

Changes:

- Added Firmware Build Number tracking in PC and GUI
- Added PDS-4S0505 (4x500W Stereo Plate Amplifier), PDS-2B2810 (280W + 100W Entry Level Plate Amplifier), PDS-2B5015 (500W + 150W Entry Level Plate Amplifier)
- Added XM14LM (for PowerSoft LiteMod) and XM14DM (for PowerSoft DigiMod)

Fixed Issues:

- Fixed Clip LED bug: when input gain was turned down, the front panel LED on many units would not indicate when the A/D converter was clipping

3.8.21

Changes:

- Added new graphic FIR filter generator tool: convert any PEQ or crossover to linear-phase FIR (supported hardware only)
- "Show Full Graphics" set to OFF by default for active loudspeaker DSP units and core modules
- Added temperature measurement to PDS / XM12 / XM14 series
- Added SBD44 (Default demo board functionality)
- Added a warning when trying to overwrite presets in the unit
- On PDS-2P0505 and PDS-4P0505, the presets selected by the Preset button are now presets 1 ... 5. By pressing the Standby button for 10 seconds, the input settings will revert to default.

Fixed Issues:

- Number of presets in XM family adjusted

3.8.19

Changes:

- Extended grouping options: Added "Carbon Copy" group, added optional grouping panels
- Groups now open a group panel by default, instead of opening a panel for one unit in a group
- To view the units in a group, double-click the arrow. Single click will open the group panel
- Added 40ms input delay to XM12 and XM14
- Added "Syncing" link status: Whenever a unit is not synced, the link status indicator will show a yellow hourglass
- Made drop-down boxes graphically flexible
- Added Loudspeaker Library functionality: Load any speaker preset on any output (Selected models only)
- Added Routing Mixer control to the Administrator level
- Set the output limiter to peak output voltage and output compressor to RMS output voltage for all system amplifiers and plate amplifiers
- Output compressor shows output power at 4 and 8 ohms for all system amplifiers and plate amplifiers
- On PDS-2P0505 and PDS-4P0505, the presets selected by the Preset button are now user presets 6 ... 10. Presets 1 ... 5 are the factory presets. By pressing the Standby button for 10 seconds, the factory presets are copied into the user presets (factory reset). When factory presets are unchanged, the corresponding LED will light continuously. When edited, the LED will blink.

- Rotary controller now controls the input gain by default (when turning without entering a menu first)
- Added Locate function to XM12 / XM14
- Fixed several graphic issues with XM12 / XM14 (mute buttons, channel names, link button)

Fixed Issues:

- On some Windows 10 systems, USB devices were not recognized
- Bridge Mode setting was not stored in computer presets and factory files
- Calibrated PLP428 unity gain
- Code signing issues: All packages and drivers are now code-signed
- Windows Installer now verifies if the operating system is 32 bit or 64 bit before attempting installation

3.8.10

Changes:

- AES Failover now OFF by default
- Added a warning when trying to save to a protected preset
- Enabled "Update All Units" (enable by clicking Tools -> Enable Update)
- When enabling update, the Administrator password is requested and all units are set to Administrator mode. When disabling update, the User password is requested and all units are set to User mode.

Fixed issues:

- Empty presets were not shown when Load Empty Presets was disabled but Save Presets was enabled
- 1800B failed to exit Auto Power Down
- XM12SW firmware
- Improved performance of XM12
- Fixed "local VU stuck when network disconnected" bug
- Fixed scroll bar when listing many units
- Improved flicker on Windows 10
- User level switching in Demo mode (incl. Lock Unit)
- Default User Access Rights and Default Administrator Access Rights

3.8.5

Changes:

- Added "Hardware Settings" to groupable items. This controls: Display On / Off / Dim, AES Failover, Master Volume Enable, Tone Control Enable, Telnet Enable.

Fixed issues:

- Some parameters could be set while a PIN was set for a unit.

3.8.4

Changes:

- Read-Only Preset Range restricted to Developer level only.

Fixed issues:

- None

3.8.3

Fixed issues:

- When dragging windows, the mouse would "lose grip" on the window.
- Firmware 3.8.2: Preset number reporting to the PC app fixed.
- Fixed loading of some older factory files where channel names with non-ascii characters would break the file
- Changed serial password to a more readable and effective scheme

3.8.1

Changes:

- Added Dante support for 1800i and 1800iLP

3.8.0

Changes:

- Added SMA-6P2408, AMP404 and AMP424
- Removed "Carbon Copy" group type
- Added "Global: Password" to list of groupable elements
- XM12 & Co.: Pushing Low Cut button for more than 3 seconds switches unit to standby. Low Cut LED blinks during standby.
- All loudspeaker modules: Peak LED indicates mute by slow blinking.
- Added 5 default (empty) presets to XM12 & Co.
- In Demo mode, it is now possible to switch between user levels. The default passwords are: Locked, Demo, Admin, Developer.
- Firmware update via USB limited to units that do not have an Ethernet connection
- Differentiated colours of faders
- Added optional user level dependent graphics (disable global access right "Show Full Graphics" to show the user-specific skins)
- Removed Load Impedance Monitoring from 1800B and 1800i
- Activated Copy / Paste front panel buttons in PLP226 and PLP428
- Added Enabled / Disabled indication in groups

- **Added (optional) Master Volume Control.** This is a global parameter that adjusts the volume of all outputs between the output compressor and the output peak limiter. Access to it is granted in the Access Rights menus for Admin, User and Locked levels.
- **Added (optional) Tone Control.** The Bass, Mid and Treble controls adjust the gain of PEQ 8,9 and 10 on each input (output on CP based units) and can be enabled via the Hardware – Configuration – Tone Control menu. Access to it is granted in the Access Rights menus for Admin, User and Locked levels. When enabled, the PEQ 8,9,10 settings are automatically copied from channel 0 to the other input channels. This option is enabled by default.
- **Added Master Volume Panel.** This panel is a simplified control surface with very limited functionality. To use it, make a group and group the required parameters (Master Volume, Tone Control, Preset Selection), and enable the “Master Volume Panel” in the Group Configuration window. Then launch the group.
- **Restricted Factory Mode GUI**
- **Added access control with 4-digit PIN, default 0000 (deactivated).** When set, the PIN code must be entered every time one connects to a unit (including via the Telnet interface)
- **Added option to activate or deactivate the Telnet interface (in Hardware – Configure – Network Settings)**
- **Activated OEM-accessible model type programming for all units by default**
- **Added option to create a flash image (attention: creation via Ethernet only, loading also via USB), as alternative to the traditional factory file functionality.** Support for the traditional factory files will be dropped in a next software release; it is strongly recommended to use flash images instead. This option is also available to the Admin so that an installer can make a backup copy of a unit's settings.
- **Moved the Load Factory File menu item to Admin user level**
- **All views are now loaded when opening a unit panel; this makes opening the panel a bit slower, but switching between views much faster.**

Fixed issues:

- **Grouping parameter list was empty with certain unit types**
- **Clarified group setup windows**
- **Fixed Serial Password Recovery Tool: it now also resets all passwords to the defaults**
- **In some cases, after storing a preset the USB interface became unresponsive after a power cycle.**

3.7.17

Changes:

- **Added XM14**

Fixed issues:

- **Units now switch back on after backing up presets.**
- **XM12 and XM14 “gain when switching presets” issue**

- Improved stability when using special characters in preset names

3.6.7

Changes:

- Rearranged several menu items
- Added automatic backup and restore of presets and settings when doing a firmware upgrade
- Improved preset security
- Added "Clear User Presets" and "Clear Factory Presets" (Developer mode only)

Fixed issues:

- Compatibility issue with Mac OS-X Mavericks: When restarting the application, previous versions would not reconnect without a restart of the system.
- Issue where the unit panel would jump after clicking several menu items after each other (Windows only)
- Text labels for Notch and AllPass filters in EQ diagrams

3.5.4

Changes:

- Factory files and backups now support locked presets.
- Added trim gain for selected OEM models.

Fixed issues:

- Setting Bridge Mode from AllControl

3.4.7

Changes:

- Unit panels are restored and brought to front when trying to launch them while they already exist.
- Demo password does not need to be entered anymore after entering Demo Mode from the network window.
- When making factory files, the supported units can be selected.

Fixed issues:

- Making factory files did not work in version 3.3.x to 3.4.0
- Added "0" to choices of Read-Only Preset Range
- Restored "Invalid Password" error dialog when entering an invalid password (this includes the preset passwords)
- Removed low-level compressor distortion (audible in LF channels)

3.4.0

Changes:

- Major performance improvements on all operating systems, especially when using more than 10 connected units with a Windows PC
- Major sound quality performance improvement on AES input
- Added "Firmware Update All Units" under Tools. This process simultaneously updates all connected units and can take several minutes.
- Mutes can be controlled even if a channel is locked
- In Developer mode, the number of factory presets (write-protected presets) can be set (Hardware – Configure – Read-Only Preset Range). The Read-Only Presets range from nr. 1 to the set value.
- Units can be renamed in the network window (only on customized network windows)
- Groups and units are alphabetically ordered in the network window
- When loading a preset from computer, the progress dialog closes automatically
- Units are no longer indicated to be muted while they are in standby
- Clicking the icon of the minimized program in the dock on MAC restores the windows
- Added channel naming to all units

Fixed issues:

- Group power button
- Group mute
- Slope indication in PEQ Q text box corrected when changing between Bell and Shelf filters
- Group rename
- Many smaller bug fixes

3.2.1

Changes:

- Faster update of PC interface when changing values via front panel
- Possibility to set end user access rights per preset

3.2.0

Fixed issues:

- Log in via local (LCD) menu
- Preset save / reload issue with PLP428 and PLP226F

3.1.5

Pending requests (not exhaustive):

- Offsets in groups

- Dante / AVB audio streaming

Changes:

- FIR filters available upon request for selected OEM products.
- Windows can be dragged by clicking anywhere where there is no active element (fader, knob, button etc)

Fixed issues:

- When making factory files, the extension .factory is automatically added if it was omitted in the file name
- Saving presets as text files
- Default passwords are stored in factory files
- True RMS Compressors: Smoothness of slopes improved, Attack and Release times calibrated (setting in ms is the time needed for a 10dB gain adjustment)
- Make Factory File would sometimes save presets incorrectly

3.0.0

Pending requests (not exhaustive):

- Offsets in groups
- AVB audio streaming
- FIR filters

Changes:

- None

Fixed issues:

- Bridge mode on PLP226 and CP26 (and derivatives)
- Graphical PEQ response window: Curves corrected for shelving filters (overshoot if slope > 12dB/oct.); High Pass, Low Pass, Band Pass added
- Confirmation if trying to overwrite a preset file
- Corrected rounding errors in delay calculations
- Added Compressor panel to EC22D skin