R&D DEPT.

NEXO NEMO V3: RELEASE NOTES

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Written by: NEXO Software Team

NEXO NeMo for Windows

- Download link: https://nexo-sa.com/software-update/nemo/windows/nexo_nemo-win-release.zip
- Product information: https://www.nexo-sa.com/nemo/

NEXO NeMo for iOS

- Full link: https://geo.itunes.apple.com/us/app/nexo-nemo/id601071178?mt=8
- Short link to App Store (NEXO SA): http://appstore.com/nexosa
- Short link to App Store (NeMo): http://appstore.com/nexonemo

NEXO NeMo for macOS

- Download link: https://nexo-sa.com/software-update/nemo/mac/nexo_nemo-mac-release.zip

Reference email: softwareteam@nexo.fr
Bug report: https://forms.office.com/e/SEygn9X9pi
Technical issue / Feedback email: technical@nexo.fr

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2024-04-08-v3.1.1 for Windows and macOS

Bug Fixes and Stability Improvements

- Fixed setup issue on DTD, in Load Browser, some presets for channel Main such as ID84 were only available on channel Sub.

2024-03-14-v3.1.0 for Windows and macOS

What's New

- This new version of NeMo is now available on macOS!

- When editing relative values, a tip indicates the individual values.

- NXAMPmk2 inactive screen background picture is now available.

– Automatic alert and log report email sending is now available.

– Scaling of Network Maps and Custom Maps is now available.

– Online Switch has been improved and moved to the window tab bar, so it is always visible.

– Ready for LOAD5_28, with input monitoring for NXAMPmk2.

Bug fixes and stability improvements

- General:
  - New message at launch time when Bonjour is not correctly installed on Windows.
  - New What's New presentation.
  - Fixed menu bar items on macOS, sometimes missing or in wrong menu (Preferences, About & Quit).
- Session:
  - Fixed issue with .nemo file with name including "#".
- Main Window:
  - Improved Selector, Grouping Maker and Network tab loading time.
  - Fixed menu bar shortcuts for duplicate and delete.
  - Fixed events popover, becoming empty when new event occured.
  - Fixed Live Mode button not updated when going online/offline.
  - Fixed issue of too long buttons being clipped or disappearing from application message popups.
- Discovery and Remote Control:
  - Improved DTD and NXDT104 discovery and initialization
  - Improved retries and error handling when communicating with a device.

  particularly when device is booting or IP changed.
- Matching: Confirmation popup is now skipped when possible.
- Selector:
  - Added "—" indication in device cell when device ID is empty.
  - When creating device prototypes when a group or zone is selected, suggesting to add them to this group or zone.
  - When creating device prototypes several times in a row, fixed an issue where previously created device prototypes were added to wrong group/zone.
  - Added button to avoid matching when creating device prototypes while online.

  - Improved search when using product family, e.g. “nxampmk2”.

- Grouping Maker:
  - Fixed crash after a group was deleted and devices being assigned to another group.
  - Improved sorting.
  - Changed factory gray color to a darker gray for better view in light mode.

- Network Tab:
  - Improved ties between cells, specially when dragging tied cells over other cells, when doing undo/redo and when duplicating cells.
  - Improved alignments when moving cells.
  - Improved duplicating cells with alt+drag (and undo/redo).
  - Added right-click options.
  - Added drag and drop of a cell of the Selector to a custom map object to assign a controlled object.
  - Fixed crash in when showing a hidden cell that hasn’t been displayed before.

- Recap Tab:
  - Fixed issue of empty Quick Selection Popover (when pressing the title).
  - Improved history record when navigating between tabs.

- Control Tab:
  - Fixed infinite channel strip blinking when mouse event is cancelled on slider or text field.
  - Greyed digital inputs when NXAMPmk2 is equipped with NXRM104.
  - Improved status label and color of device header, with new “Partial Mute” status.
  - Fixed password text field displaying plain text password when reopening lock popup.
  - Improved remembering password after closing the lock popup.
  - Removed weak bridged channels from individual values popover.
  - Fixed GPIO pin LEDs and Load Monitoring impedance meters.
  - Now preventing the usage of quotation marks in scene names.

- EQ:
  - Fixed cropped frequency text.
  - Pressing the Enter key with focus on a text field transfers focus to the next one.

- Setup Picker:
  - Fixed issue when redoing a setup recall.
  - Fixed regression on Same family checkbox.

- Libraries:
  - Added detail labels to custom maps in library.

  - Improved selection, layout and ordering of library items, particularly when searching and when drag and dropping.
  - Added delete using keyboard.
  - Improved auto-save performances.
- Preferences:
  - The preferences window doesn't stay on top of all other windows anymore.

Known issues

- Occasional discovery issues and network disconnections for configurations with more than five DTD-N.
- Discovery issues of DTD-N when using Wi-Fi on macOS. In that case, please turn Wi-Fi off.
- When switching from NXDT104mk1 to other extension card (e.g. NXDT104mk2) on NXAMPmk2, control from NeMo is still limited. Switching extension cards on a device requires to restart NeMo.

2023-11-24-v3.0.18 for Windows

Bug fixes and stability improvements

- Grouping Maker: Fixed crash after several delete operations in a row.
- Matching:
  - Fixed issue in Complete Matcher with matching way NeMo to Devices that was not always applied during matching.
  - Fixed crash when showing proxy preview in custom matcher view.
- Network Tab: Fixed issue with configuration of custom component for scene recall.
- Control Tab: Fixed regression on channel settings copy-paste.
- Setup Picker: Fixed issue when reading preset library from online NXAMPmk1, last XO mode was missing.
- User Profiles: Fixed avaible tabs and network maps when profile is viewer.

2023-10-20-v3.0.17 for Windows

What's New

- Importing and exporting scenes has been redesigned with a new Scenes Import/Export Mode.
- To resume working where you left off, window restoration has been improved.
- Session profiles are back, to grant users of your session different access rights.
- Low-pass and high-pass filters are now always enabled on NXAMP and NXAMPmk2 EQs.

Bug fixes and stability improvements

- Welcome window:
  - Fixed order of recent documents.
- Matching:
  - Fixed stand-by behavior while matching,
  - Fixed DTD peproc patch and EQ band removal when matching NeMo to devices.
  - Fixed matching NeMo to devices when having multiple matching ways.
  - Fixed Control Tab's DTD firmware update display when matching NeMo to devices.
- Demo mode:
  - Fixed crash sometimes occuring when closing custom matcher.
  - Fixed crash on opening autosaved demo session.
- Selector:
  - Added menu item, tooltip and hint to the button to toggle between Mute/Solo and Locate.
  - Fixed issue with Search Selector after document was saved as.
  - Added possibility to drag cell(s) from Search Selector to an editing Custom Map.
  - Improved Grouping Maker search.
- Inspector:
  - Fixed issue that could cause a file to be overwritten without asking when renaming the document from the Session Popover.
- Control:
  - Fixed issue when applying delay to a zone containing bridged channels in relative mode (the value added twice).
  - Fixed issue of not up to date delay field after validation, in relative mode with multiple values.
  - Moved mute/solo button of zone cell at zone level rather than product family pane level.
  - Fixed loss of synchronisation when editing EQ from NXAMPmk1 front panel.
  - Improved Global section layout.
  - Fixed issue when both NXAMPs and NXAMPmk2s were selected and we were putting NXAMPmk2 to stand-by mode, the displayed view was moving to NXAMPmk1s.
- Setup Picker:
  - Fixed issue that could cause a main preset to be recalled on a sub DTD channel and reversely, only when offline.
- Scenes Popover:
  - Deleting and recalling empty scenes is no more possible (it had no action).
  - Fixed displayed names when several product families are selected.

- Library:
  - Fixed issue of empty cabinet labels after drag-and-dropping a scene to the library.
- Live Mode:
  - Added undo/redo security.
- Log Record:
  - Log Records are not automatically associated with the online session when recording starts.
  - Fixed current log record restoration (to record on the same Log Record when launching again the application)

2023-09-26-v3.0.16 for Windows

Bug fixes and stability improvements

- Setup View: fixed issue when recalling DTD crossover mode.
- Control Tab: fixed issue when editing input alignment gains and delays.
- Recap Tab: fixed graphical issue when scrolling after hiding columns.
- Log Record View: fixed log graph tip position when scrolling.

2023-09-13-v3.0.15 for Windows

What's New

- DTD preset recall.

Bug fixes and stability improvements

- General:
  - Fixed issue with multi-screen resolutions and scaling issue due to high resolution monitors with big windows' scaling values.
- Networking:
  - Fixed issue when discovering and remote controlling several DTDs.
  - Fixed issue causing message "Error command devInfo.device ID" when having NXAMPs with NXAE104 along with other NXAMPs.
- Session:
  - Improved backup document management, useful for a "Revert To…" operation. Fixed recovery popup display.
  - Session now remains online after a Save as.
  - Fixed crash sometimes occuring after saving a session for the first time.
  - Fixed issue on going back online after having removed device prototypes previously matched with online devices.

- Matching:
  - Fixed issue of duplicate action button in matching confirmation message.
  - Custom Matcher: added hint for online NXAMPmk2 with NXDT104mk1 (limited control) that cannot be matched with NXAMPmk2 prototypes but only with NXAMP prototypes.
  - Complete Matcher: improved device preview display.
  - Fixed issue of device prototype getting unmatched when another device prototype with offline device is removed by user.
- Selector:
  - Improved Grouping Maker (multi group/zone colors, possible assignation when text fields are edited, added locate, added search and filter…).
  - Fixed issue of Selector not displaying zones after Save as.
- Network Tab:
  - Fixed refresh button to awake a not-responding device.
- Recap Tab:
  - Fixed issue of empty device list after backwards history navigation.
- Control Tab:
  - Fixed Load Monitoring text issue.
  - Added [Jump To Device(s)] action in right-click menu in Zone mode.
  - Improved display of the Global section.
  - Text fields now release focus when clicking outside after editing.
  - In Zone mode, added bridge icon when the selected zone(s) contain bridged channels.
  - Scenes can be exported from the Scenes popover.
- Setup:
  - Fixed preset library and recall issue on NXAMPmk2 with NXDT104mk1.
  - Improved custom setup selection behavior and appearance.
  - Improved search.
- EQ:
  - Improved hint display.
  - Fixed crash when repeatedly closing and reopening the popover.
- Library:
  - Added search feature.
  - Scenes Library: added icon of device family, added help button, improved dragging area.
  - Library window (as well as Preferences) is now always on top of other windows.

Known issues

- Occasional discovery issues and network disconnections of NXDT104mk2 and DTD-N, being currently investigated.
- Rare crash on frequent stand-by operations, currently being investigated.
- Discovery issues when using Wi-Fi, particularly on macOS. In that case, please turn Wi-Fi off.
- When switching from NXDT104mk1 to other extension card (e.g. NXDT104mk2) on NXAMPmk2, control from NeMo is still limited. Currently being solved.
- NXAMPmk2 background picture upload not yet implemented.
- Log and alerts emailing not yet implemented.
- User profiles not yet implemented.
- NeMo for macOS and iOS is still in v2.4.

2023-06-30-v3.0.14 for Windows

What's New

- Matching: added Device Preview in the Custom Matcher view.

Bug fixes and stability improvements

- General:
  - Fixed an important crash on startup when the "Auto look for app updates" preference is not enabled.
  - Fixed a crash during a "Save As" operation.
  - Fixed a crash when deleting several device prototypes at once.
  - Fixed a crash during closing a session with at least one Accessory Window (EQ, Scenes, SetupPicker, Compressor) opened.
  - Fixed a crash while performing "Reset Demo Session".
  - Fix update of titles in Accesory Windows (EQ, Scenes, SetupPicker, Compressor) when one of its objects changes/is added/is deleted
  - Updated French and English user guide.
- Networking:
  - Fixed occasional discovery issue when plugin a new network interface.
  - Added minor optimizations.
- Matching: Fixed an issue where 2 different popup messages would open during a matching blocking each other.
- Selector:
  - Fixed navigating inside textFields (Device name, Device ID) causes the focus to be lost and switched to the other list.
- Network Tab: Fix custom components could not be resized while inside a container.

- Control Tab:
  - Fixed VU-meter hold issue and wrong VU-meter on Control tab in Zone mode.
  - Fixed crash when creating device prototype from control tab after saving session.
  - Fixed slider incrementation not always performed when clicking outside the thumb.
  - Fixed setup display of DTD.
- EQ:
  - Fixed band types low and high pass not available in Flat.
  - Fixed focus of EQ band's textField was lost during backSpace and keyboard navigation keys.
  - Fixed displayed bands when "only common bands are editable" where not bands from on EQ would be displayed anyway if one of other the EQ is Flat.
- Setup Picker:
  - Fixed display issues.
- Scenes popover: improved selection: was not possible when clicking on cabinet labels.
- Log record: fixed a crash when associating log record with session, fixed default association, and fixed renaming and exporting log record.

Known issues

- DTD preset recall not yet implemented.
- Occasional discovery issues and network disconnections of NXDT104mk2 and DTD-N, being currently investigated.
- Discovery issues when using Wi-Fi.
- An unexpected document recovery popup may appear after a Save As operation. Do not take into account.
- NXAMPmk2 background picture upload not yet implemented.
- Log and alerts emailing not yet implemented.
- NeMo for macOS and iOS is still in v2.4.

2023-05-02-v3.0.12 for Windows

What's New

New features and improvements

- Matching: added warning icon when some parameters can't be applied (e.g. device ID on NXAMPmk1 with NXAE104), and a warning message in the confirmation popup when applying parameters will cause a device to go offline and back online right away (e.g. when applying alias or device ID).
- Matching: added locate buttons.
- Control tab: improved components size on smaller windows, and added a vertical scrollbar,

displayed when needed.

- EQ: better display of curve names when there are more than three curves.
- EQ: band thumbs are now selected when selecting a curve by pressing a curve button, to quickly know which band is part of which curve.
- EQ: added right-click menu for band thumbs.
- Application logs: improved messages in console so a better assistance can be provided to users. Added runtime possibility to change log level.

Bug fixes and stability improvements

- General:
  - Fixed issue preventing opening session whose name contained dots.
  - Fixed crash when closing an additional session window.
- Matching:
  - Fixed issue of unwanted multiple device ID in device name,
  - Fixed issue with applying device ID during matching or reverting name back to a previous one.
  - Fixed issue that caused parameters reset after pressing “Cancel and Go Offline” on device prototype that was previously matched with a device.
  - Now checking if device is in stand-by or locked before applying values.
  - Now correctly applying patch and other parameter values after applying a NEXO setup on NXAMPmk1.
- Selector: fixed wrong selection when, in Zone mode, selecting the channel of the zone and then the zone itself.
- Network tab:
  - Fixed crash when deleting a device prototype having the same alias and ID as an already matched device.
  - Fixed cell opacity after matching.
  - Fixed “Reset to network aliases”.
  - Fixed text field validation when editing custom components text.
- Recap tab: fixed crash when doing File > Save As while the Recap tab is visible.
- Control tab:
  - Fixed slider behavior when used in relative mode with multiple values. Fixed issue when sliding on a zone containing a channel that was bridged after the zone’s creation. Fixed glitches issue.
  - Fixed issue of invisible patch links on a zone containing bridged channels.
- EQ: fixed curve names when a curve was common to many devices. Improved populating common EQs. Fixed copy/paste issue that caused the last band not to be drawn.
- Setup Picker:

  - Fixed recall behavior when channels are bridged.
  - Improved whether the Recall button is enabled or not.
  - Fixed selected cabinets display.
  - Fixed issue when recalling a NEXO setup while offline on a device prototype previously matched with a device, a previous NEXO setup was recalled instead.
- Scenes popover:
  - Improved error handling while saving, writing and deleting scenes on NXAMPmk2.
  - Better update of name and cabinets after dragging a scene from library on NXAMPmk1.
  - Improved reading scenes process, that would block on NXAMPmk2 scenes whose name contains diacritics.
  - Fixed synchronization issue of the title of the Control tab's scene button and of the Scenes popover header.
- Log record: fixed crash when quitting the application while the Log record window was opened.
- Preferences: fixed default parameters raising alerts. Added Cancel button to the confirmation popup to reset red alerts. Fixed crash when clearing a red alert.
- Library: improved scenes reordering.

Known issues

- DTD preset recall not yet implemented.
- Occasional discovery issues and network disconnections of NXDT104mk2, being currently investigated.
- Discovery issues when using Wi-Fi.
- NXAMPmk2 background picture upload not yet implemented.
- Log and alerts emailing not yet implemented.
- NeMo for macOS and iOS is still in v2.4.

2023-03-27-v3.0.11 for Windows

What's New

- Main Window: the documentation is accessible from Help menu, as well as the feedback form.
- Selector: made yellow frame visible around the device, group or zone whose name is being edited from the Selector.
- Preferences: added setting for the time interval to reset VU-meter hold values.
- Inspector: renamed "Primary Control Interface" and "Secondary Control Interface" to "Remote Control Interface" and "Extension Card" for better clarity.
- Windows executable is now signed.
- Many additions to keep up with NeMo for macOS:

  - General: added individual values popover, displayed on long-press on buttons, sliders, etc.
  - Matching: enabled scrolling in Custom Matcher while dragging a device/prototype and other improvements (e.g. added a “break match” button).
  - Network tab: implemented color strips on group and zone cells that are partially selected.
  - Network tab: added controlled object drag and drop from selector to custom map, and image drag and drop from Finder/Explorer to any network map.
  - Network tab: implemented right-click menu of background images.
  - Network tab: implemented pressing space on an edited custom map to add a custom control at mouse location.

- Many bug fixes and stability improvements:
  - File Management: fixed crash during Save As operation.
  - General: fixed issue with VU-meter that glitched with maximum value when first displayed.
  - Network tab: fixed issue of image data loss when redoing an image removal.
  - Control tab: fixed display of selected custom setup in Setup Picker.
  - Control tab: fixed display and control of bridge mode in Setup Picker.
  - Control tab: fixed crash when clicking on Paste button in Setup Picker with no data saved in the clipboard.
  - Control tab: fixed delay going to 0 instead of 1000ms on NXAMPmk2.
  - Control tab: fixed crash when leaving standby mode of amplifier.
  - Control tab: fixed issues with patching (wrong red/orange colors). Now patching takes multiple channel and relative mode into account.
  - Control tab: fixed issue of value going back and forth when using sliders with multiple channels.
  - Control tab: fixed issue when writing values to DTD on channels 2 and 3.

Known issues

- DTD preset recall not yet implemented.
- NXAMPmk2 background picture upload not yet implemented.
- Occasional discovery issues and network disconnections of NXDT104mk2, being currently investigated.
- Discovery issues when using Wi-Fi.
- Log and alerts emailing not yet implemented.
- NeMo for macOS and iOS is still in v2.4.

2023-02-07 v3.0.10 for Windows

What’s New

- Say Hello to NEXO NeMo for Windows!

Description v3.0

NEXO NeMo is the remote control app of a set of NEXO products (NXAMPmk2 and NXAMP Powered TD-controllers, DTD Digital TD-controllers). It allows you to control one or many NEXO devices from an iOS device through a Wi-Fi network and from a Windows or macOS desktop computer through a wired or Wi-Fi network. Managing and positioning amplifiers, monitoring their parameters (levels, etc.), and setting new values (preset, volume, delay, EQ, etc.) is made possible thanks to an attractive and intuitive user interface. NEXO NeMo also comes with a powerful engine for logging, alerting and emailing.

Its main functionalities include:

- Creating and editing offline sessions.
- Intelligent matching of offline device prototypes with online devices (desktop only), and a way of locating the online NEXO devices.
- Visualizing and positioning the connected NEXO devices within a 2D space.
- Adding custom background pictures and editing their brightness and blurriness.
- Grouping devices into groups and channels into zones for multi-device control, and visualizing them on the 2D space.
- Quickly muting, soloing, and monitoring the status of devices, groups or zones, including peak and protect, for the entire network.
- Selecting setups from the standard library, or building custom setups.
- Monitoring and controlling simultaneously parameters of several NEXO devices, among which mute-solo, input and output levels, volume, delay, gain, etc. of each output channel.
- Patching input channels to output channels.
- Viewing and editing EQ and compressor.
- Saving and recalling scenes.
- Undoing and redoing every control step, copy-pasting scenes and parameters from one to several devices.
- Saving and sharing user configurations, thanks to Sessions (.nemo documents).
- Building custom control spaces, and configuring access to the session with user rights management.
- A configurable way of managing alerts of different levels.
- Visualizing, exporting and emailing a log of all the values of the NEXO devices (including temperature, voltage, current…) that you can record when NeMo is online.
- A fully configurable Live mode.
- A Demo mode to test the application.
- A use in portrait on iPhone, and in portrait or landscape mode on iPad. A use in full-screen and multi-windows on desktop.

Requires NXAEDT, NXDT104 or NXAE104 extension cards in the NXAMPs, or the Network version of the DTD. AVS-Service is required to remote control NXES104 (NeMo v2 for macOS and iOS only). No theoretical limit on the supported numbers of NEXO devices. A maximum of 2 NeMos (or other client e.g. AVS-Monitor) can be simultaneously connected to an NXAMP. A maximum of 1 NeMo can be connected to a DTD.

Known Issues

- DTD preset recall not yet implemented.
- NXAMPmk2 background picture upload not yet implemented.
- Log and alerts emailing not yet implemented.
- NeMo for macOS and iOS is still in v2.4.