

What's New in CueMix Pro 1.1.12

Thank you for purchasing and using a MOTU Thunderbolt™ 4 / USB4 interface.

Complete Documentation

You can find complete, up-to-date documentation for your interface at <https://motu.com/en-us/techsupport/manuals/>. Table of Contents entries, index entries, and cross references are live links that will jump to their destinations within the PDF file. In some cases, you may need to click directly on the page number (rather than the heading).

Changes and New Features

This document provides a summary of feature enhancements and fixes for the CueMix Pro app and driver.

How To Update the CueMix Pro App, Driver, and Firmware

PLEASE NOTE: be sure to update all three components (driver, app, and firmware) for best performance.

For brief videos on how to install CueMix Pro and the driver, visit the Getting Started page for your interface.

To update CueMix Pro on macOS 12 or later:

1. Download the MOTU Pro Audio v2 dmg (disk image).
2. Double-click the dmg.
3. Drag CueMix Pro to your Applications folder.
4. [For macOS 12 only] Run the 'Additional Support for macOS 12' installer package.

To update the driver on macOS 12 or later:

1. Launch CueMix Pro.
2. In the Discovery tab, click the Update button (or Install button) in the Driver section.

To update CueMix Pro and the driver on Windows:

1. Download the MOTU Pro Audio v2 installer.
2. Run the installer and follow the directions it gives you.

Some of the new features listed below require firmware 2.1.5 or later. To update your MOTU unit's firmware:

1. Launch CueMix Pro.

2. Go to the Discovery tab and click on your device.
3. Go to the Device tab and look for the Firmware section.
4. Click the Open Updater button to launch the Updater app.
5. Click the Update Now button.
6. After a minute or so, your device will reboot when the update is complete.
7. It is now ready for operation with all previous settings maintained.

CueMix Pro and Driver Update 1.1.12

New Features and Improvements:

- Improvements to AVB stream UI.
 - Added status indicator lights to show whether or not each stream is bound (connected) to another stream on the AVB network. Additional statuses may be shown for devices that support Milan.
 - Show the current format of each input stream in the Device, Patchbay, and Routing tabs.
 - In the Device and Patchbay tabs, added optional controls to manually configure input stream formats.
 - Show the maximum buffer length for each input stream (helps inform an upper bound when selecting a presentation time offset for an output stream.)
 - Show the MSRP accumulated latency for input streams that report this information (helps inform a lower bound when selecting a presentation time offset for an output stream.)
 - Show the ATDECC entity ID and stream number for the device to which an input stream is connected when the output stream device is offline.
 - Added controls to set the presentation time offset for output streams that support this property.
 - Added a sample rate control for stream format configuration UI.
 - For each output stream in the Device and Patchbay tabs, show a list of all bound input streams with a button to unbind them individually, as well as a button to unbind all.
- Indicate Milan support in the Device tab, and show the Milan certification version for certified devices.
- For third-party AVB devices, added an option to enable or disable automatic configuration of stream sample rates after changing the device sample rate. Enabled by default.
- Enabled AVB stream name editing for Milan AVB devices.
- Improved text and graphics clarity on some displays.

Fixes:

- Fixed a bug where dynamics meters would not render in the talkback effects thumbnail on the Home tab.
- Fixed a bug where a mouse up event would not end a drag when editing patches

in the Patchbay.

- [iOS] Fixed a bug on iPhone where compressor and gate meters would not render in the "Dynamics" tab of the mixer channel settings view.
- [iOS] More improvements to touch responsiveness when scroll momentum is active.

CueMix Pro and Driver Update 1.1.11

Fixes:

- Fixed missing compressor meters for output mix busses assigned to the pinned output channel strip.
- Fixed a bug where dynamics meters for the wrong channel would appear on the left channel of a stereo pair when not in stereo mode.
- Fixed a bug where patchbay / routing changes made from one instance of CueMix Pro wouldn't appear in another instance
- Fixed a bug where the Patchbay and Routing tab UI state would not update after applying a device preset from CueMix Pro.
- Fixed a regression that prevented CueMix Pro from successfully restoring device state from a preset file
- Fixed a bug where the delay line show / hide state for the Patchbay and Routing tabs would not restore on subsequent app launches.
- Fixed an issue where faders might briefly jump away from the cursor during a drag (requires firmware version 2.2.11).
- Fixed an issue where CueMix Pro's UI state could become out of sync with the device in heavy network traffic conditions (requires firmware version 2.2.11).
- [Win] Fixed an issue that could cause USB audio output to be silent for a moment after starting audio I/O.
- [Win] Fixed a crash that could occur when the device is transitioning out of a low-power state.
- [Win] Fixed an issue on some Windows on ARM hosts where the PCIe driver might fail to initialize after waking from sleep, or if the device were connected some time after booting the host.
- [Win] Fixed a bug that could cause looped buffers to play back when a Windows audio stream is paused.
- [Win] Fixed a bug causing glitches in ASIO audio output when using large buffer sizes (2048, 4096) at 1x sample rates.

CueMix Pro and Driver Update 1.1.10

New Features:

- CueMix Pro will save the window size and position on exit and restore it on launch.

- Click to edit the text readout under knobs for more precise control.
- Added a setting to save a list of device network addresses which will allow CueMix Pro to connect in networks that don't support multicast discovery, or when devices are on a VPN (requires firmware v2.2.10 or later).

Fixes:

- Fixed a bug where routing changes to the ABC Monitor destinations made from one instance of CueMix Pro would not be reflected in another instance.
- [Mac] Fixed a crash when using the low-latency driver on a MacBook Neo.
- [Win] Fixed an issue that could cause USB audio output to be silent for a moment after starting audio I/O.
- [Win] Fixed a crash that could occur when the device is transitioning out of a low-power state.
- [Win] Fixed a bug that would cause Windows audio streams to not work if the requested buffer size were less than or equal to 512 sample frames. This was breaking compatibility with some exclusive-mode clients, such as Tidal.

CueMix Pro and Driver Update 1.1.9

New Features:

- Added a menu to enable or disable the Core Audio Volume Controls on the Device tab.
- When using the MOTU audio driver for Mac or iPadOS, volume controls can be enabled or disabled without the need to reconnect the device.

Fixes:

- Improved USB audio stability on macOS Tahoe (version 26).

CueMix Pro and Driver Update 1.1.7

New Features:

- Added delay compensation controls in the Patchbay and Routing tabs for devices with firmware that supports it.
- Made the serial number, firmware version, and IP address fields in the Device tab selectable for easier copy and paste.
- [Mac] Added support for Core Audio volume and mute controls (requires device firmware version 2.2.8).
- [Win] Added support for Windows on ARM.
- [Win] Add support 24-channel input and output WDM streams. These are disabled by default, but can be enabled on the Device tab of CueMix Pro.

Fixes:

- Fixed an issue where CueMix Pro could lose sync with the connected device.
- Fixed channel numbering for line inputs in the “connection” part of the destinations column when mic pres are present on the device.
- Fixed a bug where you could not rename an existing device preset slot without re-saving the contents of the preset.
- Fixed a bug where the “Default Preset” could appear editable and crash when edited.
- Fixed an issue where CueMix Pro might intermittently lose sync with ATDECC entities that ignore the time-limited bit of the REGISTER_UN SOLICITED_NOTIFICATION command.
- Fixed an issue that could leave certain ATDECC entities locked by CueMix Pro erroneously.
- Fixed a bug where the UI could get into a bad state when a device comes back online after a firmware update.

CueMix Pro and Driver Update 1.1.6

New Features:

- Added support for the 10pre.
- Bus channel strips in the mixer tab now have a blue background color to differentiate them from input channel strips. The background color of the bus channel settings view will use this same color.
- Show the IPv4 and IPv6 addresses in the device tab, if applicable.
- Added a new “pre/post” indicator on bus channel strips.

CueMix Pro and Driver Update 1.1.5

New Features:

- Added support for macOS Tahoe (version 26).

CueMix Pro and Driver Update 1.1.4

New Features:

- Added support for the 848.
- Added PatchBay / Routing support for the ABC Monitoring feature (requires firmware 2.2.6 or later).

Fixes:

- Enabled standard edit commands (copy, cut, paste, select all) in text edit controls.
- Improved compatibility with AVB entities containing CRF streams with different timestamp intervals for different sample rates.

- [Win only] Fixed an issue where all input Windows audio streams were routed from the first two host inputs.

CueMix Pro and Driver Update 1.1.3

Fixes:

- [Mac only] Fixed an issue that could cause the host to take a long time to shut down or restart while a 16A is connected in Thunderbolt mode.
- [Mac only] Fixed an issue in the Thunderbolt driver that could cause instability with Core Audio clients.

CueMix Pro and Driver Update 1.1.2

New Features:

- Added a new clock freewheeling indicator in the clock section of the Device tab.

Fixes:

- Fixed a bug in the Mixing tab where phantom level meters might continue to render for output bus channel strips hidden after being pinned to the channel strip on the right side of the window.
- Fixed a bug where level meters would not render when un-hiding a channel strip if that channel strip was hidden when first opening the Mixing tab.
- Fixed a bug where sample rate changes not initiated by the audio driver (such as from the front panel) would not propagate to the Thunderbolt driver after a host sleep → wake transition occurred.
- Fixed a bug that caused the host proxy background service to crash on launch on macOS 13 and 14.

CueMix Pro and Driver Update 1.1.1

New Features:

- Added a new 'Become AVB Media Clock Reference' button in the Device tab for resolving all AVB devices on the network to the currently selected device in CueMix Pro. This functionality works with earlier-generation MOTU AVB interfaces, but they must first be updated to firmware version 1.4.7+99954 or later. For instructions on how to update earlier-generation AVB interface firmware, see this tech note.
- Added a new 'Unlock Front Panel' button in the Device tab to exit the front panel lockout state, when enabled.
- Tabs now remember their vertical scroll positions when exiting and re-entering them. This includes the Discovery, Home, Device, Inputs, and Outputs tabs.

Fixes:

- Fix a potential crash that could occur when constructing the AVB listener stream controls UI while a talker connected to the listener is going away.
- Fixed a crash that could occur when viewing the device tab for a new generation 16A and the clock source is set to an AVB input stream that is not valid for the current sampling rate.
- Fixed a UI glitch in the Routing tab where the vertical destination bank label might be cut off by a few pixels depending on the scale factor of the display.
- [Windows only] Fixed a bug where the escape key could not be used to exit out of the mixer channel settings or cancel drag gestures in the Patchbay.
- [Windows only] Fixed a bug where the delete key could not be used to delete connections in the Patchbay.

CueMix Pro Update 1.1.0

New Features:

- Save, recall and name in-device presets from the Home tab in CueMix Pro.
- Added the new Routing tab (available on Mac, Windows, and iPadOS).
- CueMix Pro's UI state is preserved per-device across app launches for the Patchbay, Routing, Mixing, and Aux Mixing tabs.
- Added support for CRF stream format.

Fixes:

- Fixed a bug where the channel visibility settings in the Aux Mixing sidebar would actually control the channel visibility for the Mixing tab.
- Fixed a bug where CueMix Pro might incorrectly consider two AAF stream formats incompatible.
- Fixed a bug where the Patchbay would not render any patch cables if it had been opened to a source and destination category pair that did not have any routings between them.
- Fixed some hover-related UI glitches when scrolling in the Patchbay.

CueMix Pro Update 1.0.3+99336

New features:

- Channel setting thumbnails in the Mixing tab now display current channels settings, rather than a generic "gear" icon.

Fixes:

- Improved how channel names are displayed in Digital Performer.
- Fixed a bug where meters for outputs patched directly from a mixer post-effects

- source would not render in the Outputs tab.
- Fixed the lock icon in the Device tab, which was not updating its position when resizing the window.
- Fixed a bug where Line In meter positions in the mixer channel settings tab might be incorrect after changing the stereo-ness of the mixer channel.

CueMix Pro and Driver Update 1.0.2+99171

New features:

- Channel names in the Inputs and Outputs tabs can now be edited.
- Source and destination names in the Patchbay can now be edited.
- Channel names in the Mixing tab can now be edited.
- The channel name in the Channel Settings tab can now be edited.
- When hovering the mouse over an editable text field, a pencil icon appears to indicate that it can be edited.
- CueMix Pro for iOS can now access a 16A connected to a host computer over USB or Thunderbolt (without the 16A itself being connected to the network via Ethernet).
- In the Patchbay, destinations now show a plug (with no cable) when something is plugged in from a different tab (to indicate that connections in other tabs exist for that destination).
- In the Patchbay, you can now scroll both the Source panel (on the left) and the Destinations panel (on the right) simultaneously by hovering the cursor over the patchbay (between them) and using the scroll wheel on your mouse.
- When scrolling the Patchbay panels as described above, hold down the control key (macOS) or Ctrl key (Windows) to scroll them relative to one another, if one list is longer than the other.
- The Patchbay now displays the individual sources or destination for each item in the list, if it has any.
- The Patchbay “disconnect” buttons (with the minus sign) now indicate whether there is a single connection or multiple connections to be disconnected.
- Hover effects have been added to clickable items such as buttons and menus.
- Added a “Disconnect” button for the currently connected device in the Discovery tab, which can be helpful for resetting the connection, if needed (for troubleshooting).
- The Info Bar at the top of the CueMix Pro window now displays the name of the mix or aux bus currently being controlled by the ‘On Faders’ setting or Aux Mixing tab.
- In the Mixing tab, a Channel Settings thumbnail (with the gear icon) has been added. Click it to access the channel’s settings.
- General graphic improvements have been made throughout the CueMix Pro user interface.

New CueMix Pro features that require firmware version 2.1.5 or later:

- Custom channel names are now visible in Core Audio apps (macOS) and ASIO clients (Windows).
- Added “one-click” run-time firmware updating with the ‘Update Now’ button in the Device tab.
- Added the ability to perform firmware updating over network connections from a web browser using the following URL: [http://\[ip address\]/update](http://[ip address]/update). To get the IP address, go to the front panel menu Network setting.

Fixes:

- [Mac only] Fixed crash on some old Intel Macs with integrated graphics.
- [Win only] Fixed a crash in some ASIO hosts.

We hope you enjoy using your MOTU audio interface. We welcome your comments and suggestions.

Sincerely,

The MOTU Development Team
www.motu.com/techsupport
www.motu.com/suggestions

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