What's New in Pro Audio v2 firmware 2.2.10

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

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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 latest firmware.

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.

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.

Firmware Update 2.2.10+e4e48fcec621

New features:

- Added the ability to set static IPv4 address on front panel.

Fixes:

- Fixed ABC patch ordering to avoid increase in loudness when patching to and from ABC monitor.

Firmware Update 2.2.9+5afb2cc2e187

New features:

- Added the ability to disable host volume controls in the front panel Advanced menu.

Fixes:

- Improved ADAT stability issues introduced in 2.2.8.
- Fixed an issue with Line Input 1 gain recall.

Firmware Update 2.2.8+fde2adbf04cd

New features:

- Implement delay compensation (4 Banks of 16 Channels, 2ms of delay).
- [Mac] Add host volume controls (Class Mode and MOTU Driver).
- [Mac] Report custom device name during enumeration (USB + Thunderbolt).

Fixes:

- Fix property serialization (allow saving AVB Listener state in host presets).
- Fix packet buffer leak in legacy datastore POST request handler.
- Allow the ATDECC proxy to forward commands targeting the controller to the controller.
- Correct the wSpeedsSupported field in the USB BOS descriptor.
- Fix gPTP issue that could prevent FollowUp messages from being transmitted when the device becomes Grandmaster.

- Set S/MUX bit in ADAT stream at 2x sample rates.

Firmware Update 2.2.6+9f8308dff9d1

Fixes:

- Fixed issue with insert return handling (LCD and Functional).
- Fixed 1px gap in input meter background.
- Implemented routable ABC speaker select.
- Added support for the 848.

Firmware Update 2.2.4+22b07338a361

Fixes:

- Improved Thunderbolt startup synchronization to resolve an issue that could cause audio input glitches.
- Fixed a bug that caused the device to incorrectly report "freewheeling" when it was not.
- Implemented glitchless grandmaster switching, allowing seamless transition by temporarily freewheeling during grandmaster changes.
- Set AAF header to report bit depth as 32-bits.
- Fix MVRP packet parsing issue that could prevent device from receiving further network packets.
- Improvement where the device can interrupt the host early when starting audio over Thunderbolt. Allows mac to startup audio ~340ms faster.

Firmware Update 2.2.2+b178f0060218

New features:

- Added a new clock freewheeling indicator in the clock section of the front panel LCD.

Fixes:

- Eliminated a format error with Media Clock Stream when changing from 1x to 2x sample rates.
- Improved buffer muting when network audio streams go away.
- Always join VLAN 2 on MVRP.

Firmware Update 2.2.1+ee90d03a2731

New Features:

- Added new ‘Advanced’ front panel menu item with two sub-menu items: ‘DAC

Filter' and 'Panel Lockout'.

- Three new DAC Filter options include: Minimum Phase (Default), Linear Phase Fast, and Linear Phase Slow.
- New Panel Lockout feature allows you to temporarily disable all front panel controls. The Lockout feature can be turned off from the front panel by holding the BACK button and turning the MENU knob clockwise. It can also be turned off in the Device tab of CueMix Pro.
- Added support for the 'Become Master Clock' button in the web app of earlier-generation MOTU AVB interfaces and the new 'Become AVB Media Clock Reference' button in CueMix Pro 1.1.1 or later. When working with earlier-generation MOTU AVB interfaces, this functionality (for both buttons) requires firmware version 1.4.7+99954 (or later). For instructions on how to update earlier-generation AVB interface firmware, see this tech note.

Fixes:

- Fix for bug with AVB MAAP conflict handling.
- Improvement to MSRP handling of destination MAC conflicts.
- Fix to unsolicited ATDECC clock source change notifications.
- Fix to MDNS ADP and AEC descriptor MODEL_ID field.
- Fix for display of long preset and device names on-screen.
- Preset saving now shows "Busy" until preset is fully done saving.
- Fix for bug with PTP handling when Pdelay Response Followup is handled before the Pdelay Response message.

Firmware Update 2.1.6+4e875dbc2234

Fixes:

- Fixed a bug with preset recall.

Firmware Update 2.1.5+8af93e701ae1

New Features:

- Custom channel names are provided to MOTU drivers for display in DAWs, ASIO Clients, and the Audio MIDI Setup app.
- 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. To get the IP address, go to the front panel menu Network setting.
- Added preliminary support for the previous-generation MOTU AVB interface datastore API (at http://[ip address]/datastore).

Fixes:

- Fixed a bug with preset saving/erasing that could cause corrupted presets.
- Fixed a bug with large packets on USB network traffic.
- Added handling for USB Audio Class Get Active Alternate.

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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