

MM Operating System Version 5.02 Release Notes

New Features

- New Pencil Tool support added for use with MX-View 1.40.
- Now users will be prompted with a Yes/No question whether or not to save changes made to a project (sample rate, frame rate, disk encoding). Users will not be prompted for new projects just created, but prompted for existing projects whose project attributes were changed.
- Support for various fade shapes has been added. Various shapes only get saved if using the OpenTL format. This requires MX-View 1.40 or greater.
- New edit command "Paste Transparent" has been added.
- In MX-View Arrow Mode, clear and copy now use new edit commands that work only on the selected events as expected. Requires MX-View 1.40 or greater.
- New edit command "Move to Orig Time" now supported. Moves selected events to their original record time while maintaining the clip attributes.
- Added menu #988 to display the amount of installed RAM.
- Menu #710 now includes a submenu asking the kind of disk format. Now the disk format options are: WFrame, HFS, HFS+, FAT-32.

Maintenance Items

- Fix for TapeMode projects that were not retaining TapeMode status when reloading the project before un-mounting.
- Fix for retaining current markers after un-mounting.
- Fixes implemented for occasional errors when exporting to Pro Tools 4.2.
- Fixes for WaveformDB: Old waveformDB will be automatically deleted first time mounting an older drive with a waveform DB on it.
- Improvements for FAT-32 file writes.
- New Ethernet software module incorporated for more reliable network operations.
- Fix for instances where very hot levels could cause clipping while in 16-bit mode.
- Fix for nudging an event to a location before 00:00:00:00.
- Fix for loading some Pro Tools sessions that have an error in the playlist where some elements overlap.
- Fix for sync related error messages on M1 machines.
- Fix for properly saving settings if a change was made within the first 17 seconds after the machine was booted.
- Fix for loading any large project with many edits. Especially when running MX-View.
- Some fixes for rare HFS and HFS+ conditions possible on drives that have more than 500 directories (166 projects).
- Fix/Filter for other error messages for M1 machines that were not the correct text for the error message (i.e. Loop points inverted).
- Fix for rare random corruption or crashes experienced during off speed or reverse chase. This primarily affected M2 machines. Also fixes a condition where repetitive off speed play over time could cause out of memory error conditions.

- Fix/Update for Session reader so that it can find "Finder Copies" of Pro Tools projects made on Mac disks. The new Pro Tools uses the name "Audio Files" instead of "Audio Files".
- Fix for M2 / MMP menu #'s (first three characters of LCD working properly now).
- Fix for reading/loading/converting some waveframe project EDL's. Especially if the waveframe EDL's were created by exporting from some other format.
- Fix for opening an OMF file immediately after creating it. First track did not always load.
- "Not While Recording" error message now presented when trying to issue any of the following operations while recording:
 - Alter Record Disk
 - Alter Record Bit Depth
 - Alter Record Mode
 - Load a Project/Track
 - Creating a new Project
- Fix for correctly copying non-destructive projects that consist of tracks that have only a single event beginning at time 0.
- Fix for properly loading projects and sound files on HFS+ volumes that begin with or use an underscore in the name or use the ASCII characters 0xa5, 0xc9, 0xbd. Also fixes bug for creating projects on HFS+ volumes that have an '_' or '^' or '[' or ']' or '' in the project name.
- Fix for M1 machine (MMR & MMP) not restoring settings properly on bootup.
- Change to prevent M1 Sync2 buffers from overflowing. This should resolve any wakeup problems on M1 machines.
- Fix for M2 remote meters.
- Fix for HFS/HFS+ sort order. Fixes opening and mounting drives that use chars greater than 7f and that are not accented vowels which had been fixed in a prior version. Now all chars should sort correctly.

NOTE: For anyone who was previously experiencing any problems with HFS+ or HFS disks when taken to the Mac, or for anyone experiencing any problems with previously formatted HFS or HFS+ disks after loading the new software, follow these instructions:

 - 1) Load MMR/MMP 4.7.
 - 2) Backup all the projects from the HFS/HFS+ disk to either a BU format or a FAT-32 formatted disk. Good idea to make two physically separate copies.
 - 3) Install the new software (5.02.B3 or greater).
 - 4) Re-Initialize the original HFS/HFS+ disk.
 - 5) Restore the projects to the freshly initialized disk from the backup.
- Reestablish record delay numbers for non-destructive record mode on M2 machines. This is to make recordings on M1 and M2 machines compatible. This change was made for MM 4.7, but was lost in subsequent releases and has now been re-implemented.
- Fix for opening Sound Files pointed to by a session file where the directory ID written in the session file is larger than 2 to the 31st power.
- Fix for Copying projects that contain tracks with muted clips.
- Fix for punch in noise when punching via P2 in, while chasing and not yet locked, which was most noticeable in TapeMode and especially with digital I/O.