



TECHNICAL BULLETIN

CODEX PLATFORM WITH DEVICE MANAGER 5.1.1-05490

RELEASE NOTES

21 SEPTEMBER 2020



Codex Platform with Device Manager 5.1.1-05490 Release Notes

Codex is pleased to announce the release of Codex Platform with Device Manager 5.1.1-05490.

Codex Platform with Device Manager 5.1.1 is a patch release that includes the following features and fixes since release 5.1.0-05460:

New Features

In 5.1.1-05490:

- 'Licensing...' option in Device Manager menu opens System Preferences > Codex > Licensing.
- 'Activate Code' and 'Release Code' options in Licensing to support 'HDE for any CFast reader' licence.

In 5.1.0-05460:

- Support for macOS 10.15 Catalina.
- X2XFUSE replaces OSXFUSE.
- X2XFUSE updated to 3.10.6.
- Update to ARRIRAW SDK 6.2.2.0.
- Warn if Finder attempts to copy HDE files, which it does not support correctly.
- Include MXF/Apple ProRes files in HDE volume along with ARX files from MXF/ARRIRAW material.
- Improve source integrity checks when providing ARI files in the VFS.
- Update file structure for ARI to match that of ARX (remove resolution, wav, and xml folder levels).
- Improve VFS performance for machines with more than 12 cores.
- Notify user if Codex media takes longer than expected to load.
- Notify user and log any CRC errors that occur.
- Optimised loading times for Codex media.
- Update to ATTO driver 2.6.5.
- Licensing controls now available in System Preferences pane on macOS.
- Update to Codex RAID driver 1.1.60.
- MacBook Pro discrete GPU ('High Performance' graphics mode) will not be used unless a 'Vault Platform' licence is present.

Fixes

In 5.1.1-05490:

- Fix to prevent issue showing drive contents if a roll name is duplicated.

In 5.1.0-05460:

- Fix to ensure HDE material on CodexFS is presented as ARX without needing a licence.
- Fix to ensure CFast/RED media loaded via an adaptor is cleanly unmounted.
- Fix to improve robustness when reading MXF/ARRIRAW files.
- Ensure that Codex RAID driver is ticked for installation by default.
- Fix for handling duplicate Reel names gracefully.
- Installer improvements for the granting of Full Disk Access permissions.
- Remove <Revision> tag from Codex Shot XML files.
- Fix for audio handling from MXF/ARRIRAW files.
- Fix to prevent issues with Device Manager starting at login on some machines.
- Fix to prevent HDE volume appearing when CFast card contains only ProRes files.
- Fix for delivering DPX files from Onboard S 1920x1080 material recorded with J2K compression.
- Fix to ensure that creation time on files in VFS volumes reflects the original clip creation time.

Known Issues

At Codex every software release undergoes extensive regression testing. Issues that are found during testing are normally fixed before the release. However sometimes we decide to not modify the software to address an issue, for instance if there is a simple workaround and the issue is rare, not severe, or if it is a consequence of the design. In such cases it may be better to avoid the risk of introducing new unknowns by modifying the software.

The known issues for this software release are listed below:

- Finder copies of ARRIRAW HDE files from Capture Drive and Compact Drive volumes produce zero-length .arx files rather than creating .arx files with correct content. The latest version of a supported copy application (Hedge, Shotput Pro, Silverstack, YoYotta) should be used to copy ARRIRAW HDE files.
- During installation on new macOS High Sierra machines and above, Security & Privacy settings need to be opened manually to grant permission to run FUSE and Codex Dock drivers.
- An XR Capture Drive formatted with an ARRI RAID will not load on a Capture Drive Dock (USB-3) if the status has become degraded, for example due to power loss during recording. In this state the Capture Drive can be loaded on a Capture Drive Dock (Thunderbolt) or (SAS).
- Rare FUSE issue causes Codex volumes to sometimes not mount. Restart server from 'System Preferences->Codex' to resolve this.
- Depending on which additional Thunderbolt devices are connected, if your Mac goes to Sleep when it is woken it may not detect Codex Thunderbolt Docks. To resolve this either restart the Mac, or go to System Preferences > Codex and click 'Stop Server' followed by 'Start Server' to restart the Codex background services.
- **Silverstack users:** version 6.4.7.6-6570 or higher of Silverstack is required to work with the Device Manager release.
- **Hedge users:** version 19.4.7 (or higher) of Hedge is required to work with Device Manager 5.1.

Please contact support@codex.online if you find a bug in our software or any other issue that should be addressed with high priority.