

Cine-tal

Title: Cinemage Release v2.16 Instructions

Date: June 11, 2007

Summary:

This release is for all models of Cinemage. This is a maintenance release that incorporates multiple bug fixes and small improvements. This release includes bugfixes and small feature additions that were part of 2.15, which was never publicly released as an updater.

Version 2.16 can be installed on any existing Cinemage. For best results systems with the calibration option should recalibrate the display before installing this update.

2.16 Feature additions:

Removed modal Standard Definition implementation. This allows full access to setup menus (including calibration), heads up display, horizontal split screen, input LUTs, and some video data analysis tools.

Multiple new Standard Definition display modes, including emulation of smaller displays and a full-screen square-pixel mode.

2.16 Special Note:

The 2.37:1 Anamorphic mode that was supported in 2.16b1 has been removed due to FPGA integration issues. It will be replaced in a future version TBD.

2.15 Feature additions:

Support for the following 3D LUT formats:

- Chrome Matrix.
- DVS Clipster.
- Thomson LUTher (.txt, unencrypted).
- DaVinci Resolve.
- New Common Autodesk .3dl subformat supported by all future versions of Inferno, Flame, Flint, Smoke, Lustre, Toxik, Maya and Max.

Added date/time set feature (under Unit Information).

Changed RESET buttons on Display Control to affect ONLY the current control.

Added LUT service SOAP service that allows for efficient updating of 3D LUTs. For a complete SOAP SDK description and examples turn on the Web service on the unit view the page at <http://Cinetal-xxxxxx/philoweb-service/> (where Cinetal-xxxxxx is the name of the monitor).

2.15/2.16 Bugfixes

- Ref #2511 Fixed occasional horizontal ticking on signal relock.
- Ref #237 3D LUT is included in preset (by filename). If the specified LUT is not loaded on the unit the rest of the preset will load and the 3D LUT will not change.
- Ref #2339, #2487, #2492 Manual calibration intermittent problems.
- Ref #2462, #2463, #2465, problems loading certain .look and .3dl files.
- Ref #2498 Fixed top and bottom of 525-line SD (NTSC) that was created with devices that conform to the older version of the 656 specification.
- Ref #2492 #2499, Unit Information display formatting readability issues.
- Ref #2482 #2506 Blacked-out top issues.
- Ref #2500 Vectorscope-only display can be distorted.
- Ref #2508 3D LUT interpolation now much more precise.

2.16 Existing Bugs / Issues

- Ref #2412 The calibration probe can hang up on occasion when in "auto-reading" mode. To fix this remove the probe from the USB port then reinsert it.
- Ref #2684 Input Range limiting mode affects colorimetry on the output in 4:2:2 mode. This doesn't affect "Reclocked" input modes.
- Ref #2685 PDA web browser doesn't reliably show 3D LUT or Framestore options, even when these options are installed. Please contact Technical Support if this affects you for a workaround.

Installation Instructions:

1. Be sure you have all of the required files.
The two files included with this release are:
Updater: **update_full_v216.cup**
This document: **Readme_v2.16.pdf**
2. If you have the Calibration option, recalibrate your display, then shut down and restart the display before continuing.
3. Insert a USB data key (almost all USB memory or data keys will

work) into your computer (Mac or PC).

4. Verify that the datakey is formatted for FAT (most are) or NTFS.
 5. Rename the datakey to "cinetal_usb". The datakey must have this name in order for the Cinemage system to recognize it.
 6. Create a folder named "cinetal" on the root of the USB datakey.
 7. Move the file named update_full_v216.cup to the folder named "cinetal" on the datakey. Make sure that there are no other Cinetal updates in that directory.
 8. Remove the datakey from the PC or MAC and insert it into the front or side USB post on the Cinemage unit.
 9. From the Cinemage main menu go find the UPDATE FROM USB option.
 - If the previous version is 1.0 or 1.1:
 - From the main menu select far left button CINEMAGE MODEL# then the far right button MACHINE INFORMATION then MORE then MORE.
 - If the previous version is 1.3 or later:
 - From the main menu select button SETUP then UNIT INFORMATION then MORE then MORE.
- You will now see the UPDATE FROM USB button.
10. Press the UPDATE FROM USB button.
 11. The Cinemage system will read from the USB and perform the update then shut down.
 12. Remove the USB datakey. Power-up the Cinemage and the update will be in place.
 13. Verify that your system now shows the main menu containing the Operators Menus, Setup Menus, System Menus and Machine Information Menus. Verify that UPDATE v2.16 shows under UNIT INFORMATION.

--- CRUCIAL NOTE ---

If you aren't sure whether the monitor has completely shut down, wait at least 5 minutes before restarting. An incomplete update can result in a state that requires shipping the monitor to Cinetal for repair.

--- CRUCIAL NOTE #2 -

We have occasional reports of updates failing; in this case when the monitor is restarted it will come up with a black screen; no video and no power-up test.

In this case rename the updater to "update.now" and place it in the root of the USB key. Then shut down your monitor, wait 30 seconds, and restart the monitor with the USB key already in place. This will reapply the update and shut down the monitor again. Since it's difficult to tell when the monitor actually

shuts down in this case, wait at least 10 minutes before attempting to restart it again.

If this fails repeat the above with the file renamed to "emergency_update.now".

Remove the key before restarting, otherwise the monitor will keep reapplying the update.