

# Cine-tal

Title: Cinemage Release v2.2 Readme

Date: December 17, 2007

## 2.2 Feature Additions:

1. DVI input as video - the DVI input can be routed through the 3D LUT, framestore, and other resources like HDSDI video.
2. Automatic Ancillary passthrough. Ancillary data is passed through from input to output, formerly it was stripped.
3. 2.37:1 Anamorphic display of 1080-line video.
4. Inputs and outputs can be set for dual-link or single-link independently.
5. New "Sharp" (unfiltered) setting for resizing up of 720p and SD video.
6. New pixel doubling mode for SD video.
7. Support for the new XRite "Hubble" probe.
8. Rec 709 linear segment support in calibration.
9. Full Soap SDK from eL1000 now supported.
10. Changing between SD and HD doesn't return the user to the main menu.
11. ASC CDL support (XML file support as input LUTs).
12. Allowing fixed calibration LUTs (such as those generated with 3<sup>rd</sup> party calibration software). Any format that can be read by the input LUT can be used, but non-normalized file types need to be in a 10-bit in, 8-bit out format.
13. New HUD that reflects routing, LUTs and independent dual-link.
14. If the Cinemage was manufactured with Boot FPGA version 3.0 or above, the monitor will automatically switch to a new DVI output timing that is more compatible with other devices.
15. Added multiplier keys for more precise trackball control with an external keyboard device.
16. Raw (uncalibrated) panel mode is now an option.

## 2.2 Major Bug Fixes (from 2.16)

1. Fix for longstanding slow loading of .cms and .itx (and related files).
2. Fix for slow loading of stills from the web interface and SDK.
3. Fixes for loading LUTer and related 3D LUTs more reliably.
4. Fixes for PDA web application.
5. Auto-read probe hang-ups fixed.
6. Changed the way auto synch detection works, will freerun if no video is present.
7. Fixed problems measuring external CRT with an XRite EyeOne Display 2 (this is still very slow however).
8. Problems with Masks and Safe Titles not saving in presets correctly.
9. Red tinge on DVI Direct mode.

## 2.2 Bug Fixes (from 2.2b3)

1. Fix for slow recovery of some options when switching from SD to HD modes.
2. Fix for problems with DVI in if the last input was SD.
3. Added support for newer DVI EDID (not yet in production).

## **2.2 SDK Note:**

For a complete SOAP SDK description and examples turn on the Web service on the unit view the page at <http://Cinetal-xxxxxx/philowebsevice/> (where Cinetal-xxxxxx is the name of the monitor).

## **Installation Instructions:**

1. Be sure you have all of the required files.  
The two files included with this release are:  
    Updater: **update\_full\_v2.2.cup**  
    This document: **Readme\_v2.2.pdf**
2. If you have the Calibration option and are updating from a version previous to 2.0, 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. Create a folder named "cinetal" on the root of the USB datakey.
6. Move the file named update\_full\_v22.cup to the folder named "cinetal" on the datakey. Make sure that there are no other Cine-tal updates in that directory.
7. Remove the datakey from the PC or MAC and insert it into the front or side USB post on the Cinemage unit.
8. 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.
9. Press the UPDATE FROM USB button.
10. The Cinemage system will read from the USB and perform the update then shut down.

11. Remove the USB datakey. Power-up the Cinemage and the update will be in place.
12. Verify that your system now shows the main menu containing the Operators Menu, Setup Menu, System Menu and Machine Information Menu. Verify that the correct UPDATE shows under UNIT INFORMATION.

--- CRUCIAL NOTE ---

An incomplete update can result in a state that requires shipping the monitor to Cine-tal for repair.

If you aren't sure whether the monitor has completely shut down, wait at least 20 minutes before restarting. Alternately, there's a small internal green light visible through the top grate (on the left while facing the monitor). This light is only visible if the unit is on.

--- 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.