

Cine-tal

Title: eL1000 Matrix Processor Release v1.2

Date: July 16, 2008

Summary:

This is a minor feature upgrade from eL1000 Matrix version 1.1. This release can be installed on any previous version of the eL1000 Matrix Processor.

This update consists of one file:
update_dolbymatrix_v1.2.mup

V1.2 Changes (from v1.1):

1. Added UI and preset support for selecting between the following video input and output color spaces:
 - a. 4:2:2 DCI P3 (previously the only setting).
 - b. 4:2:2 Rec 709 Full Range (3->1019)
 - c. 4:2:2 Rec 709 Extended Range (64->1019)
 - d. 4:2:2 Rec 709 SMPTE Range (64->940/960)
2. Added UI and preset support for selecting between arbitrary IO gammas from .5 to 5.0 at increments of 0.1.
3. Slight UI bugfix: now hiding the "Upload" button when the unit is accessed locally.
4. Removed XP Embedded branding and replaced with Cine-tal branding.

Applying this Update:

There are two ways to apply the update, locally (with access to the physical machine) or remotely, over the web interface. The most common way of updating the device is remotely.

Remote Updates:

1. With the machine attached to a local area network, open the unit's Operate page by typing in the URL displayed on the front of the unit into a web browser on your computer, for example:

<http://cinetel-xxxxxx>

Where xxxxxx is the number displayed on the front of your unit.

2. In the Update section of the unit's Web user interface, Click the Browse button and find the updater. Click Upload. If the file passes the integrity checks the button under the Update button will show "PRESS TO UPDATE FROM: " followed by the file name. Click the button and wait for the unit to reboot.

3. After the unit reboots, reload the web page and verify that the update version shows under Matrix in the Unit Info section.

Local Updates:

1. Rename the updater file to **e1_update.now**.
2. Place the file in the root directory of any standard USB memory key that's formatted with the FAT file system (most are).
3. Turn off your eL unit.
4. Place the memory key into the USB port on the front of the unit.
5. Start the unit. It will update itself and shut down when complete. This should usually take under 10 minutes. It will disturb any downstream video.
6. After the unit shuts down completely it's safe to restart, the update will be in place. Load the Operate page and verify that the update version shows under Matrix in the Unit Info section.