



DVI-Ramp2

NOTE: The iControl compatibilities shown below are estimated initial support. iControl versions that are older than those specified may prevent the GUI from opening or may work with bugs and limited features.

FIRMWARE VERSION: 831

Release date: 2010-05-06

Program #: 7807-0101-831

iControl compatibility: NA

iControl Solo compatibility: NA

RCP-200 compatibility: NA

Custom software compatibility: v7.71

Hardware incompatibility: This firmware applies to all existing hardware assembly.

BUGFIXES

- **Alignment of SDI output with respect to external reference signal**
Some formats were not properly aligned.
- **Dual-link DVI bypass**

ENHANCEMENTS & NEW FEATURES

- **Support H and V offset of SDI-OUT relative to external reference signal**
This adjustment is limited.
- **Implementation of anti-flicker filter for pixel-to-pixel mode**
- **Implementation of 24p to 24psF**



- **Limited support for JVC and Hyundai 3D monitors (line interleaved)**
- **Support of some DCI formats (2048x1080)**

This is not tested.

KNOWN BUGS & LIMITATIONS

- **Adaptation to new DVI resolution**

The Extraction Windows is not adapted to a changed DVI input change. This can lead to garbage data on the output picture when the new resolution is smaller than the previous. This behavior was adopted after customers complaining of undesired resets of Extraction Windows while the DVI source machine (PC) was re-booted. When the final resolution stabilized the Extraction Windows were changed due to transient graphic resolution during the boot process. With the new behavior, the DVI-Ramp2 will have the original (and desired) settings when the re-boot process is finished.

- **Format of SDI outputs are always the same**

SDI-OUTA and SDI-OUTB always have the same format. Only their content can differ.

- **No Ethernet connectivity**

- **In dual extraction modes: input B affecting output A and vice-versa**

If you are using 2 DVI inputs, the connection/disconnection of one input may cause glitches on the other signal path during the change. For example, disconnecting input B would cause glitches on SDI output A.

- **On some units an unconnected DVI input might be detected as active**

In dual-extraction mode, some units may report unstable DVI input when no input is connected.

WORKAROUND: In dual mode, always connect valid DVI inputs. If only one valid signal is available, connect it to DVI-IN-A and connect DVI-OUT-A into DVI-IN-B.

- **Firmware update and RS-232**

If updating through USB, make sure no RS-232 dongle is connected to the unit. If RS-232 dongle was connected during a firmware update, the update application will not be able to communicate through USB with unit.

WORKAROUND: unplug the RS-232 dongle and reset unit before trying again through USB.

- **No support for analog VGA**

No analog signals are supported for the graphic input nor the graphic outputs.



- **Fill & Key applications with internal keyer**

The SDI and DVI inputs must be locked. This is not necessary for static Fill & Key application (e.g. logo insertion). The unit will be locked on the SDI signal and cannot be locked on an external reference. If you want this behavior, you need to lock the SDI input to that reference signal.

- **Dual-link DVI is not supported by firmware**



FIRMWARE VERSION: 808

Release date: 2007-07-30

Program #: 7807-0101-301

iControl compatibility: NA

iControl Solo compatibility: NA

RCP-200 compatibility: NA

Custom software compatibility: 7.60

Hardware incompatibility: This firmware applies to all existing hardware assembly.

BUGFIXES

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ENHANCEMENTS & NEW FEATURES

- Initial release

KNOWN BUGS & LIMITATIONS

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SDI output A.

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