

KXI-DVI-Bridge

Release Notes

M807-4103-101

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Specifications may be subject to change

Safety Compliance Information

Safety Compliance

This equipment complies with:

- CSA C22.2 No. 60950-1-03 / Safety of Information Technology Equipment, Including Electrical Business Equipment.
- UL 60950-1 (1st Edition) / Safety of Information Technology Equipment, Including Electrical Business Equipment.
- IEC 60950-1 (1st Edition) / Safety of Information Technology Equipment, Including Electrical Business Equipment.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel. Servicing should be done in a static-free environment.

Electromagnetic Compatibility

- This equipment has been tested for verification of compliance with FCC Part 15, Subpart B, class A requirements for Digital Devices.
- This equipment complies with the requirements of:
 - EN 55022 Class A, Electromagnetic Emissions,
 - EN 61000-3-2 & -3-3, Disturbance in Supply Systems
 - EN 61000-4-2, -3, -4, -5, -6, -8 & -11 Electromagnetic Immunity

KXI-DVI-Bridge Graphic-to-HD/SD Video Interface

This document contains Release Notes for version 4.1.5 of the KXI-DVI-Bridge. **It is strongly recommended that you read these Release Notes as well as the KXI-DVI-Bridge User's Manual (807-97M00-102) before using or upgrading the product.**

Firmware

The KXI-DVI-Bridge contains different programmable components, collectively referred to as *firmware*. The firmware associated with this release (4.1.5) is version 8.0105.

The firmware in an older KXI-DIV Bridge can be upgraded. Please contact Miranda's Technical Support for more information.

Release History

Release version 8.0008c

- First release

Release version 8.0105

- Added a second operating mode (Mode B) primarily used to convert Kaleido DVI output to an HD-SDI format that can properly convey dynamic content within a video signal. The two operational modes (Mode A and Mode B) are described in the user manual.

Known Bugs and Limitations

- Ethernet is not supported.
- Dual-Link DVI is not supported.
- DVI input resolutions supported in Mode A:
 - 1024x768 @ 60Hz (XGA)
 - 1280x1024 @ 60Hz (SXGA)
 - 1366x768 @ 60Hz (WXGA)
 - 1680x1050 @ 60Hz (WSXGA+)
 - 1600x1200 @ 60Hz (UXGA) → generates a proprietary HD-SDI format; supported on the Kaleido-X only
- In Mode A, when the DVI input resolution is 1600x1200, a proprietary HD-SDI format is generated at the output. In this case, the output cannot be visualized over a standard monitor.
- In Mode A, the KXI-DVI-Bridge will skip one out of two input frames to fit the DVI frame rate (60 fps) into the HD-SDI output frame rate (30 fps).
- 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 output A.

Miranda Technical Support

For technical assistance, please contact the Miranda Technical Support centre nearest you:

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