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Linx Matrix Switchers Version 4.0.5 Release Notes

LINX™ DVI Matrix Switchers (Linx 800, 1600 and 3200)
Linx CrossXFormat® Switchers (Linx 900, 1700 and 3300)
Linx Prime CrossXFormat Switchers (Linx 1000, 1800 and 3400)
Linx F Series Fiber Switchers (Linx 800F, 1600F and 3200F)

Firmware release 4.0.5 improves analog RGB auto-sync and performance with arbitrary RGB signals, particularly those produced by Apple- or Intel-based laptops.

When an analog signal comes into the Linx, it makes a best-effort to sync-up. Initially, the Linx consults the custom timing table, then the factory timing table, searching for a match. If no match is found, the system will estimate an input timing based on H-frequency, V-total, and Sync polarity. Once the signal is acquired, the WCP interactive adjustments allow the user to make adjustments and align the signal; the result may then be saved as a custom timing. The next time that signal type is encountered, the Linx will match it to the saved entry in the custom timing table.

LINX FIRMWARE RELEASE 4.0.5 USES THE FOLLOWING:

| Board Name | Board Part Number | Firmware Version | FPGA Version | Boot Code Version |
|------------------------------------|-------------------|------------------|--------------|-------------------|
| Dual Single Link DVI/RGB - input | 625-0551-01 | 0.140 | 0.2.20 | 0.23 |
| Dual Single Link DVI - output | 625-0552-01 | 0.134 | 0.2.20 | 0.23 |
| Dual Single Link DVI - input | 625-0579-02 | 0.140 | 1.1.2 | 0.22 |
| Single Dual Link DVI/RGB - input | 625-0563-02 | 0.140 | 2.1.10 | 0.22 |
| Single Dual Link DVI - output | 625-0564-02 | 0.134 | 3.2.9 | 0.23 |
| Linx Scaler Output Board | 625-0565-01 | 0.153 | 7.1.2 | 0.26 |
| HD-SDI Input Board | 625-0588-01 | 0.046 | 6.1.7 | 0.22 |
| Fiber Input Board | 625-0608-01 | 0.140 | 8.1.6 | 0.22 |
| Fiber Output board | 625-0609-01 | 0.134 | 9.1.8 | 0.17 |
| Board Name | Board Part Number | CPLD | FPGA | Boot PROM |
| Linx 3200/3300 Backplane/Processor | 625-0549-01 | 1.17 | 1.22 | 0.4 |
| Linx 8x8 Motherboard/Processor | 625-0547-01 | 1.17 | 1.23 | 0.4 |
| Linx 1600 Backplane/Processor | 625-0561-01 | 1.17 | 1.22 | 0.4 |

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