



## MODULAR DVI SWITCHERS

### Linx 800, 1600, 3200

DVI Matrix Switchers with *Total EDID Manager*

- Robust 24/7 operation**
- Cable equalization up to 50m**
- HDMI compliant with audio pass-through**
- EDID pass-through and override with *Total EDID Manager*<sup>™</sup>**
- Up to 500 mA pin-power per output**
- Pixel reclocking for optimal image quality**
- Front panel and network control**
- Graphical user interface via web browser**
- User swappable power supplies**
- 100 switcher presets**
- Field upgradeable**
- Composite input via converter**
- RGB output via converter**

XtendView FiberDVI  
Fiber Optic Extender

*Total EDID Manager*

MultiPoint KVM

Composite Input

RGB Output

The Linx<sup>™</sup> family of DVI matrix switchers provides best-in-class signal handling and a comprehensive set of features to simplify installation and operation.

Linx DVI matrix switchers are available in 3 frame sizes from 8x8 to 32x32. Standard and custom configurations are available for each frame size. With their highly modular 2-channel per card architecture, units are also field upgradeable.

Signals with clock rates from 25Mhz to 165MHz are supported, including 1920x1200, 2048x1152, and 1080p.

HDCP support allows Linx switchers to accommodate content-protected DVI and HDMI signals, including audio pass through. An HDCP encoded signal can be routed to any or all HDCP-compliant outputs simultaneously, subject to source device limitations.

EDID management and control are enhanced with RGB Spectrum's *Total EDID Manager*<sup>™</sup>, which provides the user with the most complete set of EDID management tools available.

All Linx family DVI matrix switchers are designed with simplified system integration in mind: Functions are easily set up and controlled with a command line interface or graphically via a standard web browser. Front panel controls on models 1600 and 3200 provide quick access to call up presets or create a routing assignment. Built-in cable equalization extends input cable lengths up to 50m without the need for external signal extenders. Each output connector can supply up to 500mA of power for pin-powered devices, obviating the need for external power supplies.

The Linx's modular architecture simplifies I/O card replacement should it ever be needed. The model 3200 supports user-swappable dual-redundant power supplies, and is available in two enclosure sizes to accommodate different rack mounting requirements.

Built on RGB Spectrum's long tradition of quality and reliability, the Linx 800, 1600 and 3200 are designed for 24/7 operation. They provide an unmatched combination of performance, features, robust construction and ease of use.



BP-16 remote control panel for presets or X/Y select



Specifications

All Models

Inputs

	DVI	Composite/S-Video
Module format	2 channel	External module; 1 channel
Signal type	DVI single-link/HDMI	NTSC, PAL, audio embedding (HDMI)
Pixel clock rate	Up to 165 MHz	Up to 15.75MHz
Resolution	Up to 1920x1200 & 2048x1152	Up to 576i
Connectors	DVI-I	RCA, DIN; RCA, TosLink, Audio input HDMI output; TosLink/3.5mm Audio output
Cable equalization	Automatic/manual to 164 ft (50m)	

Outputs

	DVI	RGB
Module format	2 channel	External module; 1 channel
Signal type	DVI Single-Link	DVI input/RGB output
Pixel clock rate	Up to 165 MHz	Up to 165 MHz
Connectors	DVI-I	DVI input/VGA output
DVI 5V power	500mA per channel	N/A

Control

Serial	RS-232 9600 - 115,200 baud
Network	Ethernet TCP/IP Gigabit BASE-T; Command line and graphical user interface "WCP"

Audio

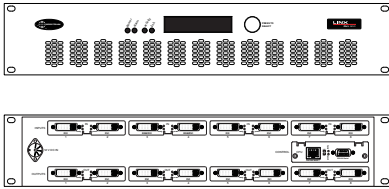
Digital audio pass-through	Supports stereo audio, 5.1, 7.1 over DCC channel
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Physical	Linx 800	Linx 1600	Linx 3200
Input/output (max)	8x8	16x16	32x32
Standard configurations	4x4, 4x8, 8x4, 8x8	8x8, 8x16, 12x8, 16x8, 16x16	16x16, 16x32, 24x16, 32x16, 32x32
Size (H x W x D)	3.5" x 19" x 16" 8.9 x 48.3 x 40.7 cm	7" x 19" x 16" 17.8 x 48.3 x 40.7 cm	10" x 19" x 22" 25.5 x 48.3 x 44.9 cm
Weight	20 lbs/9 kg	30 lbs/14 kg	57 lbs/25.9 kg
Air filter	N/A	Washable foam filter; pore density 25 ppi	Washable foam filter; pore density 25 ppi

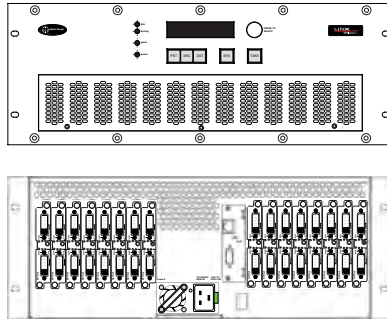
Power Specifications

Power	100-240 VAC; 50/60 Hz	100-240 VAC; 50/60 Hz	100-240 VAC; 50/60 Hz
Power consumption	< 120W	< 250W	< 350W
Including pin power	< 130W	< 295W	< 555W
Power supply	External with locking plug	User swappable	Dual redundant; hot swappable

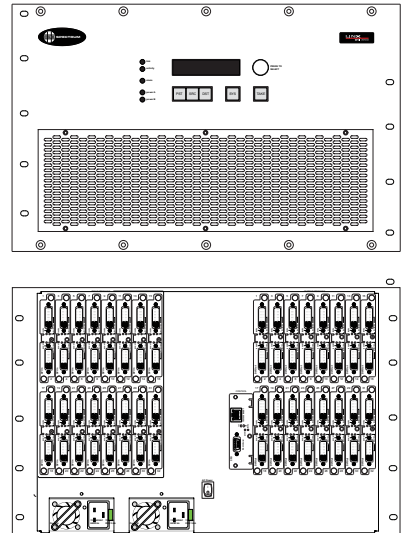
Linx 800



Linx 1600



Linx 3200



HDMI / DVI adapters available