



## MODULAR DVI SWITCHERS WITH HDMI & HDCP

**Linx 800, 1600, 3200**

**DVI Matrix Switchers with *Total EDID Manager***

**HDMI™ compliant**

**Full HDCP support**

**HDMI audio pass-through**

**Robust 24/7 operation**

**Cable equalization up to 50m**

**EDID pass through and override  
with *Total EDID Manager***

**Up to 500mA 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**

**KVM option (see  
[http://rgb.com/products/  
Multipointkvm/?c=n](http://rgb.com/products/Multipointkvm/?c=n))**

**XtendView FiberDVI  
Fiber Optic Extender  
[rgb.com/products/  
Fiberdvi/?c=n](http://rgb.com/products/Fiberdvi/?c=n)**

**MultiPoint KvM Option  
See [http://rgb.com/  
products/  
Multipointkvm/?c=n](http://rgb.com/products/Multipointkvm/?c=n)**

The Linx™ 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 three frame sizes from 8x8 to 32x32. Standard and custom configurations are available for each frame size. With their highly modular two-channel per card architecture, units are also field upgradeable.

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

HDMI compliance includes HDMI audio and High Definition Copy Protection (HDCP). HDCP support allows Linx switchers to accommodate content-protected DVI and DVI-compatible signals. An HDCP encoded signal can be routed to any or all HDCP-compliant outputs simultaneously.

EDID management and control are simplified with RGB Spectrum's Total EDID Manager™, 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**

Module format	2 channel
Signal type	DVI Single-Link/HDMI
Clock rate	Up to 165 MHz
Resolution	Up to 1920x1200, 2048x1152 and 1080p
Connectors	DVI-I HDMI (requires adapter)
Cable equalization	Automatic/manual to 164 ft (50m)

**Outputs**

Module format	2 channel
Signal type	DVI Single-Link/HDMI
Clock rate	Up to 165 MHz
Connectors	DVI-I HDMI (requires adapter)
DVI 5V power	500mA per channel

**Control**

Serial	RS-232 9600 - 115,200 baud
Network	Ethernet TCP/IP 100/1000 BASE-T; Command line and graphical user interface "WCP" (Linx 3200)

**Audio**

Digital audio pass-through Supports HDMI stereo audio, 5.1, 7.1 embedded in the video stream

	<b>Linx 800</b>	<b>Linx 1600</b>	<b>Linx 3200</b>
<b>Order #</b>	<b>LX 800 8x8</b>	<b>LX 1600 16 x 16</b>	<b>LX 3200 32 x 32</b>

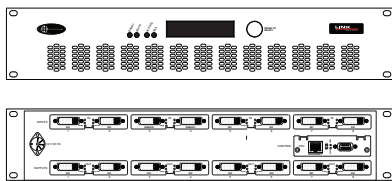
**Physical**

	<b>Linx 800</b>	<b>Linx 1600</b>	<b>Linx 3200</b>
Input/output (max)	8x8	16x16	32x32
Standard configurations	4x4, 4x8, 8x4, 8x8	8x8, 8x16, 12x8, 16x8, 16x16	16x16, 24x16, 24x24, 32x16, 32x24, 32x32 10.5" x 19" x 22" (Model 3200) 26.7 x 48.3 x 55.9 cm or 12.25" x 19" x 17.5" (Model 3200SF) 31.1 x 48.3 x 44.5 cm
Size (H x W x L)	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	57 lbs/25.9 kg Washable foam filter; pore density 25 ppi
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

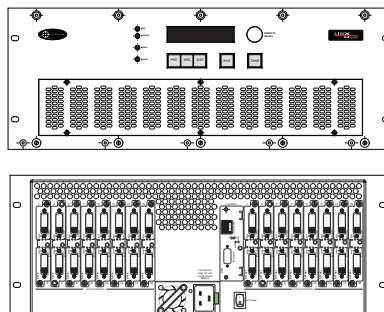
**Physical Specifications**

Power	12 VDC	100-240 VAC; 50/60 Hz	100-240 VAC; 50/60 Hz
Power consumption	<100W	<230W	<430W
Including pin power	<130W	<295W	<555W
Power supply	External SC power with locking plug 100-240 VAC; 50/60 Hz	User swappable	Dual redundant; hot swappable

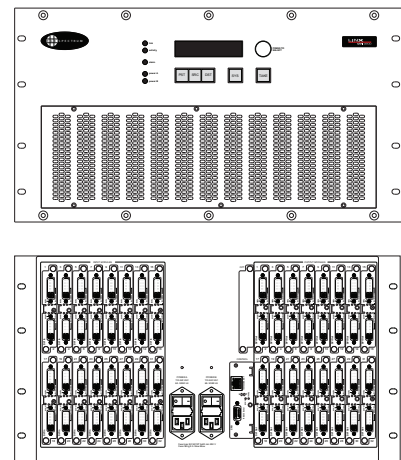
**Linx 800**



**Linx 1600**



**Linx 3200**



HDMI / DVI adapters available

