

# MATRIX-HUB 1000



## 10 X 10 VIDEO, KEYBOARD/MOUSE AND SERIAL MATRIX SWITCH

The Matrix-Hub Series 1000 is a multi-interface 10 x 10 (maximum) matrix switch for high performance graphic environments. Designed for smaller scale topologies, the series 1000 gives users the ability to route up to 10 different computer sources among 10 different console destinations, in effect lowering the cost-per seat of high performance graphic workstations and servers.

Route and switch video, keyboard, mice, and serial peripherals quickly and easily to optimize operational productivity in any graphics environment. The high performance video capability makes the Series 1000 a perfect choice for the visualization center, post production or scientific applications. The Matrix-Hub Series 1000 enables up to 10 users to access multiple computers which makes it a perfect choice in the server room. When integrated with the VDE/200 Video Display Extension kit from Lightwave Communications, a versatile and highly flexible topology may be created.

## SECURE CONTROL

The Matrix-Hub is controlled through a serial (RS-232) port, either directly via a dumb terminal or remotely through a networked computer. Controlling and programming the Matrix-Hub is simple with user friendly menus and commands. The Matrix-Hub Series 1000 allows for different levels of control, giving users a variety of access and control privileges.

## MULTI PLATFORM VERSATILITY

The Matrix-Hub Model 1000 may be used in a variety of applications. The Model 1000 operates transparently so any keyboard conversions take place outside of the switch. Source (input) cards and destination (output) cards are available for PS2 and Sun keyboard/mouse configurations.

## BROADCAST CAPABILITY

With the Matrix-Hub Series 1000 you can broadcast video signals to any or all destinations.

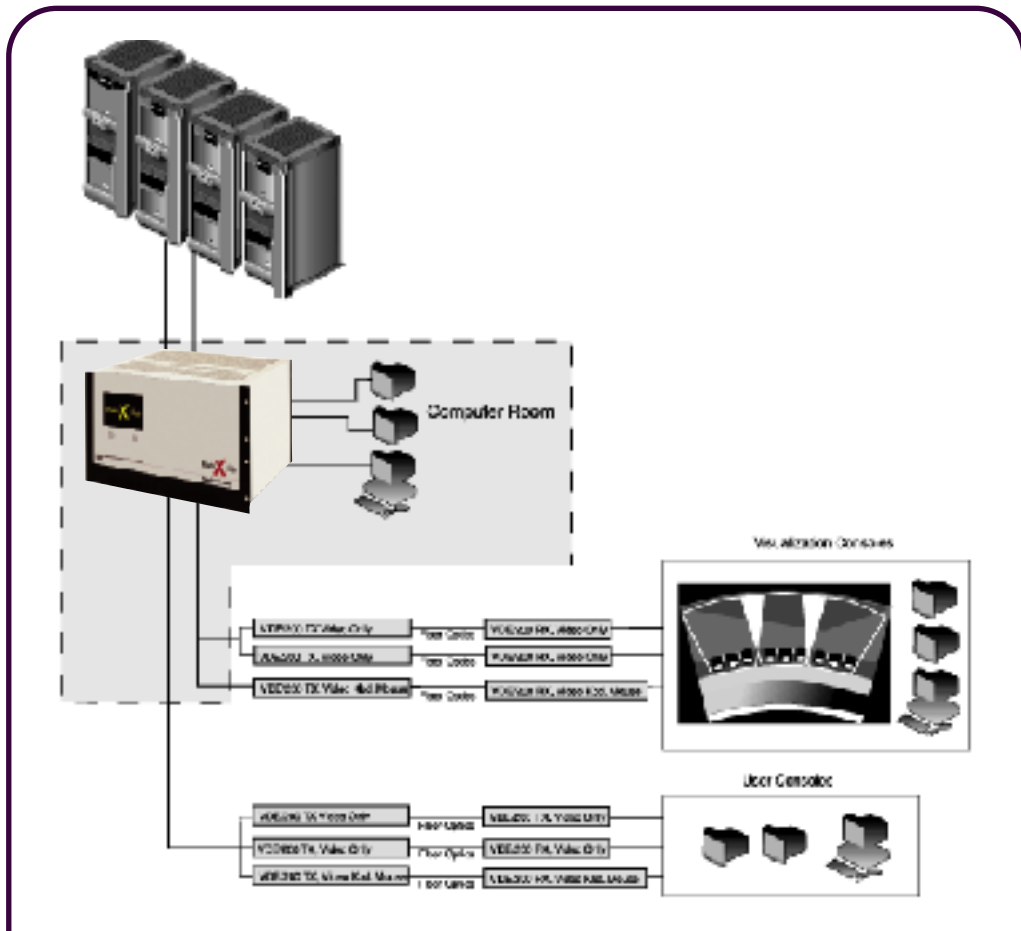
## FEATURES

- Video, Keyboard/Mouse and Serial are all contained in one rack-mountable chassis.
- The System Status Display with electro-luminescence shows system diagnostics, redundant power supply status, and connection grid
- Hot Swappable I/O Cards
- Easy maintenance through front access makes hot-swapping the redundant power supplies easy
- Modular design allows you to build your Matrix-Hub according to your application in increments of 5 ports per I/O card



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# MATRIX-HUB 1000



**Reality Centers**

**Command Centers**

**Server Room**

## SPECIFICATIONS

Matrix Size:	Up to 10 x 10
Video Resolution:	RGB, 1900 x 1200 @ 180 Hz.
Sync.:	Green, Composite, Sep. H&V
Connector Types:	
Video:	HD15 Female
Keyboard/Mouse:	
PS/2:	6-pin MiniDIN Female (2)
Sun:	8-pin MiniDIN Female
Serial:	DB9 Female (Source/input) DB9 Male (Destination/output)
Control:	RS-232, DB9F (IN), DB9M (OUT)
Power Requirement:	Redundant Universal Supplies 110-240 VAC, 50/60 Hz, 200W Switch fused
Operating Temperature:	32F - 125F
Dimensions:	
Rack Size:	19"
Height:	7u 12.25" (31.12 cm)
Depth:	16.75" (42.55 cm)
Weight fully loaded:	50 lbs. (22.68 kg)

## ORDERING INFORMATION

400.100.1000	Matrix-Hub 1000 Universal Chassis, to 10 x 10
400.100.1001	Matrix-Hub 1000, HD15F Video Input Card
400.100.1002	Matrix-Hub 1000, HD15F Video Output Card
400.100.2001	Matrix-Hub, PS2 Kbd/Ms Input Card
400.100.2002	Matrix-Hub, PS2 Kbd/Ms Output Card
400.100.2003	Matrix-Hub, Sun Kbd/MS Input Card
400.100.2004	Matrix-Hub, Sun Kbd/MS Output Card
400.100.3001	Matrix-Hub, DB9F Serial Input Card
400.100.3002	Matrix-Hub, DB9M Serial Output Card

