

# MAGNUM-SR-VA1

## Single Router Control System for Video & Audio Router

MAGNUM-SR-VA1, leveraging MAGNUM's Router control module, provides a router control system designed for mid-sized EQX/EMR single routing systems. Using a web-based configuration GUI, MAGNUM-SR-VA1 supports real-time programming, panel designing and a host of other features which

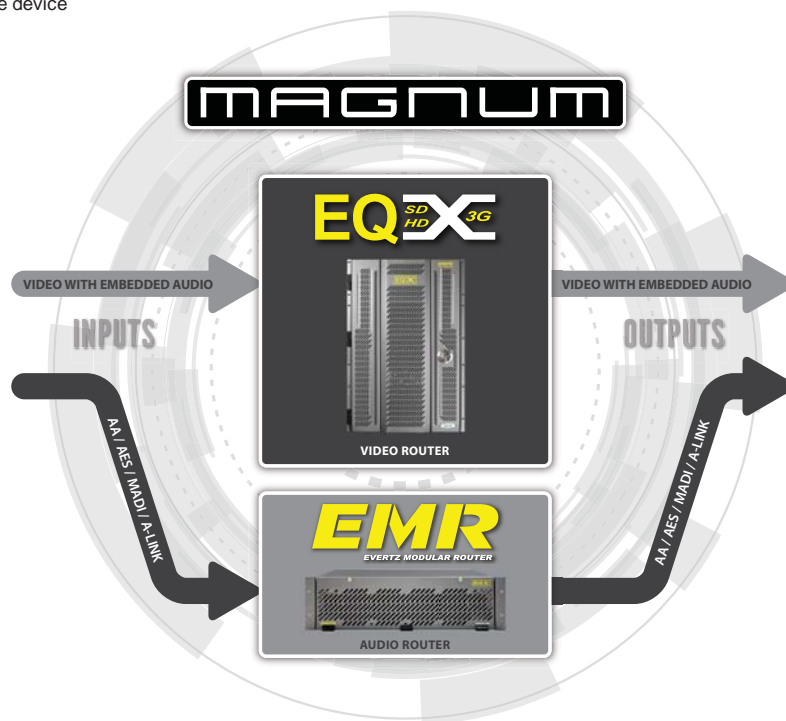
make system management easier and more powerful than ever before. The web-based GUI also provides real-time feedback about the system including device status, panel status, etc. MAGNUM-SR-VA1 is provided on a full-width rack mountable hardware using a 2nd unit for full redundancy.

### Features & Benefits

- Rack mountable hardware controller
- Supports Evertz® EQX Video Routers including EMBED/DEMBED cards
- Supports Evertz® EMR-ADMX-16x16 (MAX size)
- Multi node cluster with automatic failover (with the addition of a second MAGNUM-SR-VA1)
- Supports all Ethernet-based Evertz® control panel types
- Web-based configuration with a single user interface
- Centralized Management: One interface to manage devices, names and control panels
- Seamless Reconfiguration: Targeted Configuration changes with minimal impact on the operation of the system
- Web Interface: No software to install; Configure and manage MAGNUM-SR-VA1 from anywhere using only a web browser from your computer or mobile device

### Hardware Features

- 1RU Enterprise Class Server
- Redundant power supplies
- Linux Operating System
- Software pre-installed and licensed for router control
- Supports licensing of additional MAGNUM Modules: MAGNUM-MULTIVIEWER and MAGNUM-TALLY
- Six Ethernet ports
- RAID Support



### Specifications

#### Chassis:

- Form Factor: 1U Rackmount

#### Dimensions:

- Height: 1.7" (43mm)
- Width: 17.2" (437mm)
- Depth: 19.98" (508mm)
- Gross Weight: 40 lbs (18.15 kg)

#### Front Panel:

- Buttons: Power On/Off Button  
System Reset Button  
UID Button

#### LEDs:

- Power LED
- Hard drive activity LED
- 2x Network activity LEDs
- System Overheat LED
- Universal Information (UID) LED

#### System Cooling:

- 4x Cooling Fans
- 1x Air Shroud

#### Environmental:

- Operating Temperature: 10° to 35°C (50° to 95°F)
- Non-operating Temperature: -40° to 70°C (-40° to 158°F)
- Operating Relative Humidity: 8%–90% (non-condensing)
- Non-operating Relative Humidity: 5 to 95% (non-condensing)

#### Power Supply:

- 600W AC/DC high-efficiency power supply with PMBus and I2C
- AC Input: 600W: 100–240 V, 50–60 Hz, 7.5–3 Amp
- DC Output +5V standby: 3 Amp
- DC Output +12V: 50 Amp

#### LAN:

- 4x RJ-45 LAN ports
- 4x SFP+ LAN ports
- 1x RJ-45 Dedicated IPMI LAN port

#### USB:

- 2x USB rear ports

#### VGA:

- 1x VGA Port

#### Supported SFPs:

- SFP10G-TR13-A
- MMA10G-SFP-TR13
- SFPTR-RJ45-SER-AV
- SFPTR-RJ45-SGM-AV

### Ordering Information

**MAGNUM-SR-VA1** Single Router Video & Audio Control System for mid-sized applications

#### Ordering Options

**MAGNUM-MULTIVIEWER** (-R with the addition of a second MAGNUM-SR-VA1)  
**MAGNUM-TALLY** (-R with the addition of a second MAGNUM-SR-VA1)