

**AR-516A**

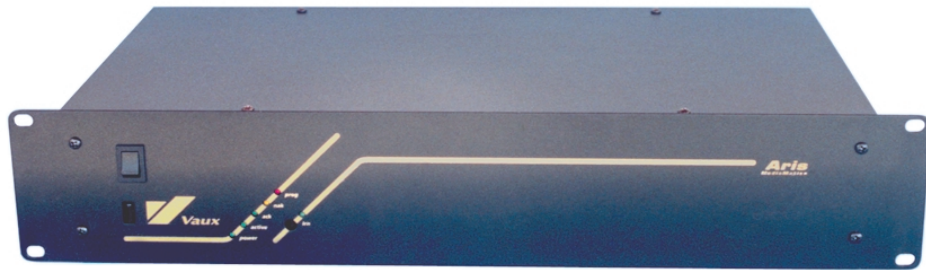
**16x16 Audio**

**AR-508A**

**8x8 Audio**

**AR-508AV**

**8x8 Audio/Video**

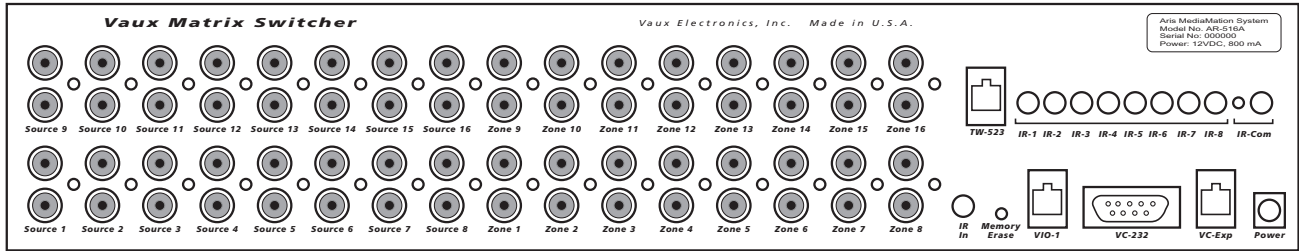


# Aris MediaMation Systems

Multi-Source/Multi-Zone Switchers

The Aris MediaMation family of Matrix Switchers provides multi-source/multi-zone switching for stereo-audio and composite-video signals - with full volume-control on all zones. Uses IR or RF remotes, keypads, or RS-232. The system also controls lighting devices, and all A/V source components.

- **Volume, Bass, Treble, Balance, and Mute for each zone**
- High-fidelity stereo audio
- NTSC/PAL composite video
- **Control via IR remotes, RS-232, keypads, and/or RF remotes** (with optional RF receiver)
- **Infrared-Learning** allows the Aris system to learn and control all of your source components
- **User-Macros** automate sequences of steps to simplify operation
- **System-Macros** for source and zone on and off sequences, provide automatic component powering and initialization
- **Lighting control** via X-10 port (with optional interface module)
- Stack multiple switchers for up to **255 total stereo zones**
- Any zone can be Mono (same source, independent L & R volume)
- **Source-Leveling** for input trim
- **Programmable** for each zone's min/max/initial-volume, mute-level, volume-taper-rates, etc.



AR-516A rear panel

## Aris Family Specifications:

### Audio Section:

Volume Adjustment Range (2 dB/step; off < -80 dB) (for pass-through zone, set Initial-Volume level to 0-dB)	-80, then -62 to +6 dB
Bass Adjustment Range (3 dB/step)	-12 to +12 dB
Treble Adjustment Range (3 dB/step)	-12 to +12 dB
Input Impedance	47K ohm typ.
Output Impedance	100 ohm typ.
Frequency Response (into 47K ohm load; -3 dB rolloff)	20 Hz to 100 KHz
Input Signal Handling	2 Vrms max.
Zone Programmable: Min/Max/Initial Volume, Mute level, Mono/Stereo, etc.	

### Video Section:

Input Impedance	75 ohms
Output Impedance	75 ohms
3 dB Bandwidth	12 MHz
Differential Gain	0.5% typ.
Differential Phase	1 degree typ.
Non-Linearity	0.5% typ.

### Input/Output Connectors

Sources: Stereo Line-Level Audio and Composite Video Inputs	Phono
Zones: Stereo Line-Level Audio and Composite Video Outputs	Phono
VC-232: RS-232 Control Port	DB-9 F
VC-Exp: Expansion Port for RS-232 Daisy-Chain	6P6C modular
VIO-1: I/O Port: Digital In/Out (1 ea.) and RS-485 Network	6P6C modular
IR-In: Infrared Control Input Port (40-KHz modulated)	3.5 mm phone
Power: Jack for 12 VDC Adapter (auto-polarity)	2.1 mm
TW-523: Lighting Control Port for X-10 TW-523 interface module	6P4C modular
IR-1 to IR-8: Infrared Single/Dual Emitter Ports (programmable)	3.5 mm phone
IR-Com: Common Infrared Port	3.5 mm phone

### Other:

Power Consumption	12 VDC @ 800 mA
Dimensions (2U rack chassis) (48cm W x 9cm H x 25cm D)	19" W x 3.5" H x 10" D
Weight (26 kilos)	12 lbs

DS-AR-0999



1990 N. Alma School Rd., #345 • Chandler, AZ 85224  
 FAX: (480) 821-6799 • PHONE: (480) 813-8577  
 www.vauxelectronics.com • sales@vauxelectronics.com

Altrix, Aris, Lattis, MediaMation, SmartPower, Vaux, VauxConfig, VauxNet, and VauxProtocol are trademarks of Vaux Electronics, Inc. Other trademarks are owned by their respective companies.

Product specifications and availability are subject to change without notice. For the latest information, contact Vaux Electronics, Inc. ©1998-99 Vaux Electronics, Inc. Printed in the U.S.A. All rights reserved.