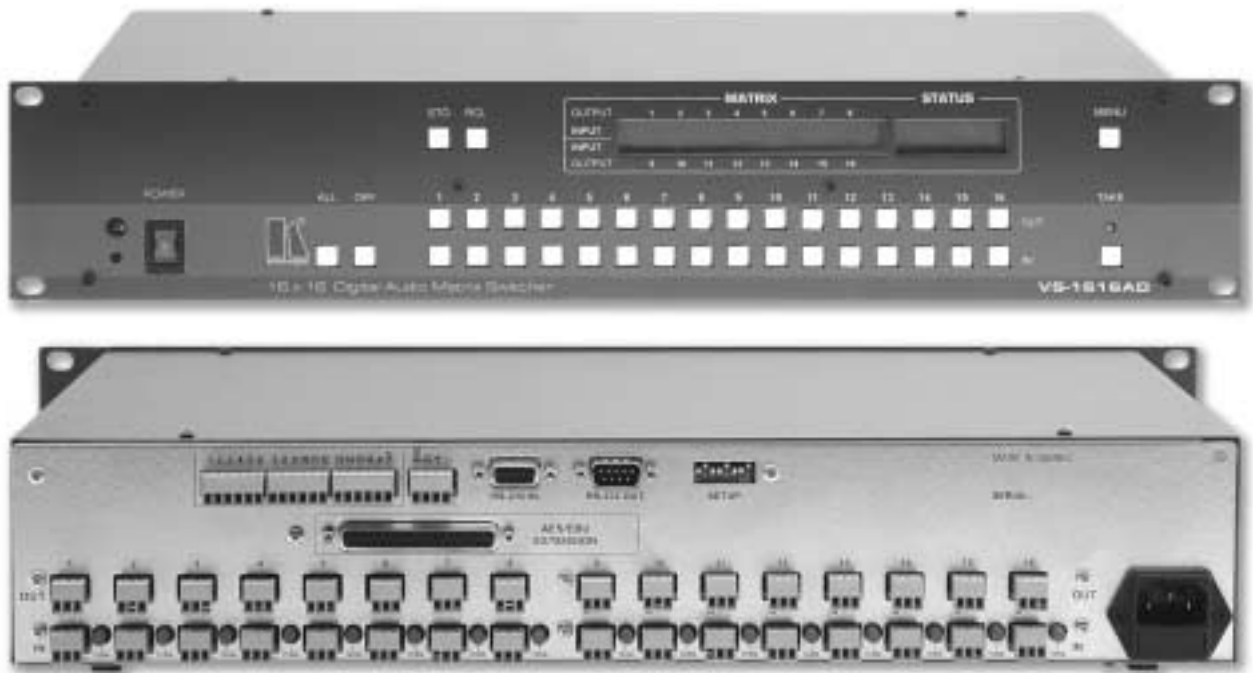




16x16 Serial Digital Audio Matrix Switcher VS-1616AD

The Kramer VS-1616AD is an adjustment-free, cable-equalized, reclocking, multi-standard 16x16 Digital Audio Matrix. It provides automatic equalization for losses on 110-ohm twisted pair cable and reclocks each output to provide 16 low-jitter digital outputs. It supports AES/EBU, IEC 958, S/PDIF and EIAJ CP340/1201 professional and consumer formats with sampling frequencies up to 96 kHz. All inputs and outputs are transformer coupled - supporting 110-ohm twisted pair cable on detachable terminal block connectors. The VS-1616AD is controlled via the front-panel touch switches, via their RS-232 and RS-485 ports (with either hexadecimal or ASCII codes), and

via external dry-contact pushbuttons. The user-friendly LCD display makes operation even easier, and 16 preset memory locations are provided for quick access to the most frequently used configurations. The unit includes Windows 95/98/2000/NT™ based control software. The VS-1616AD may be used as a single unit, or it can be expanded up to 96 x 96 inputs/outputs. It can be configured into a Kramer multi-signal switcher system including digital and analog video, digital and analog audio, and RS-422 control switchers. When integrated in a system, all units switch in true audio-follow-video mode.



TECHNICAL SPECIFICATIONS

INPUTS:	16 equalized Digital Audio, 110 on detachable terminal, transformer coupled.
OUTPUTS:	16 reclocked Digital Audio, 110 on detachable terminal, transformer coupled; 16 digital audio expansion lines for up to 96/96 in/outs on DB-37F.
SAMPLING RATES:	32, 44.1, 48, 96 kHz sampling frequencies.
EQUALIZATION:	Automatic up to 200mV eye pattern.
STANDARDS:	AES/EBU, IEC 958, S/PDIF and EIAJ CP340/1201.
CONTROLS:	Manual via front panel touch switches, RS-232 and RS-485.
DISPLAY:	Current switcher status and setup on backlight LCD.
POWER SOURCE:	115/230 VAC, 50/60 Hz, 23VA.
DIMENSIONS:	19-inch (W) x 7-inch (D) x 2U (H), rack mountable.
WEIGHT:	3.5 kg. (7.8 lbs.) Approx.
ACCESSORIES:	Power cord, Windows™ control software, Null modem adapter.

TYPICAL APPLICATIONS

- Video / Audio Broadcast studios for On-Air switching and signal routing.
- Video / Audio production studios, for connecting various sources to acceptors.
- Non-linear editing suites.