



Model Description:
32x16 Dual Channel Audio Routing Switcher

Model Details

The analog audio VIA32 is a 2-channel routing switcher that offers a high bandwidth of 200KHz and is capable of cleanly passing all analog audio signals, as well as shuttle speed timecode. Frames can be configured as 32x16 with plug-in expansion to 32x32. Expansion to 32x48 and 32x64 is accomplished by bridging audio inputs. A 32x48 configuration uses a VIA-32x16A2 and a VIA-32x32A2. A 32x64 configuration uses two VIA-32x32A2.

Features:

- Audio Inputs: 32, dual or stereo channels
- Audio Input CMRR: >70dB rejection, 20Hz to 20Khz
- Max. Signal Level: +24dBu into 600 (or 20dBm on -600 version)
- Audio Output DC Offset: $\pm 50\text{mV}$ maximum
- Audio Output THD: <0.01% (1KHz), <0.025% (20KHz) (24dBu, 600W)



Model Description:
32x16 Analog Video Routing Switcher

Model Details

The analog video VIA32 offers high bandwidth of 100MHz which makes it ideal for NTSC, PAL, SECAM, High Resolution RGB graphics and DS3 switching. For component analog applications, three frames can be linked together using the XY Control System. Frames can be configured as 32x16 with plug-in expansion to 32x32. Expansion to 32x48 and 32x64 video is accomplished by using the EX16-1x2V external expansion frames.

Features:

- Video Input Coupling: DC
- Video Output Return Loss: 45dB at 5MHz; 35dB at 20MHz; 18dB at 100MHz
- Video Output Gain Scatter: ± 0.1 dB
- Video Output Phase Scatter: Input to Input $\pm 1.0^\circ$ at 5MHz
- Video Output DC Offset: ± 50 mV