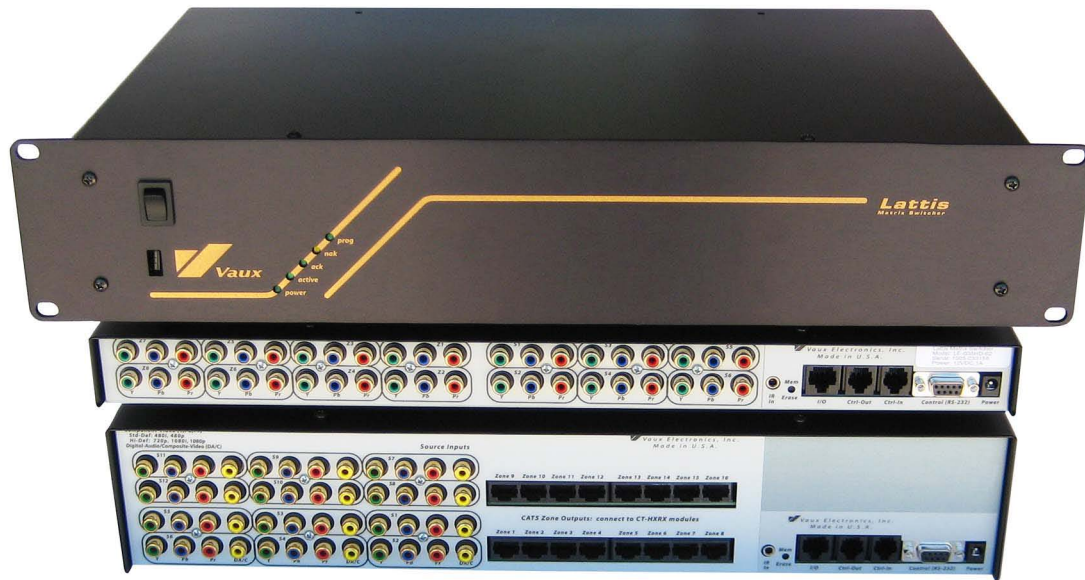




LATTIS MATRIX SWITCHERS

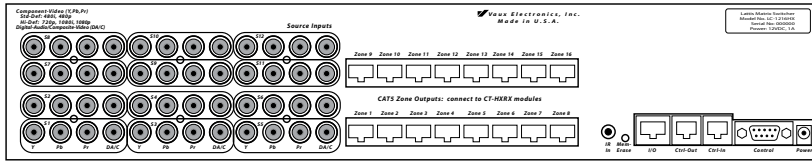
Multi-room High-Fidelity Audio & High-Definition Video



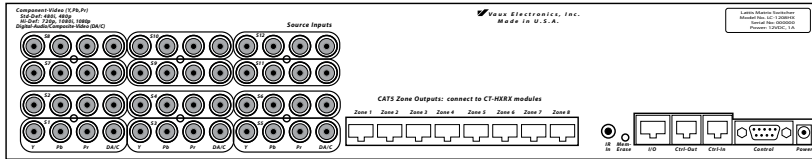
- CAT5 Hi-Definition Component and Digital-Audio to 500 feet
- HDTV Component switchers for 1080p, 1080i, and 720p Hi-Def
- Up to 24 Sources and 16 Zones per switcher
- Expandable to 255 High-Fidelity zones of audio and/or video
- Control via Ethernet, RS-232 Serial, and/or Infrared
- Full support for AMX Duet Dynamic-Discovery
- Audio switchers provide zoned Volume, EQ, Balance, and more
- Save multiple states for Paging and Presets
- Programmable zone Turn-on volumes, Source-Leveling, etc
- Breakaway routing commands for audio-only, video-only, or audio/video
- Group Zones for concurrent routing/volume control

VAUX ELECTRONICS

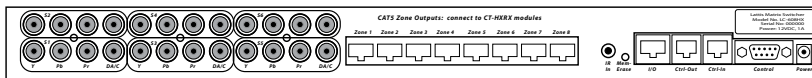
Hi-Def Component Video on CAT5



LC-1216HX
LC-1216HD
 12x16 CAT5



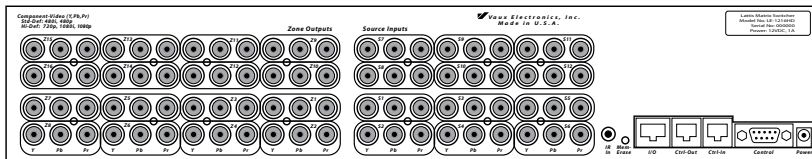
LC-1208HX
LC-1208HD
 12x8 CAT5



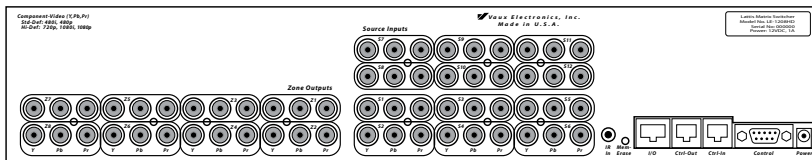
LC-608HX
LC-608HD
 6x8 CAT5

The new Lattis LC-1216HX/HD, LC-1208HX/HD, and LC-608HX/HD units are high-definition component-video switchers, which route Hi-Def or Std-Def component video sources over CAT5 cabling, to monitors up to 500 feet away. The HX versions include a digital-audio channel, while the HD models are component-only. A small receiver module at the end of each CAT5 cable converts the signals back to 75-ohm phono connections. Our switchers are normally provided with RS-232/Infrared control, but may also be ordered with an ethernet control option. You can control systems of up to 255 zones of audio and/or video using RS-232 or ethernet, and up to 90 zones using infrared.

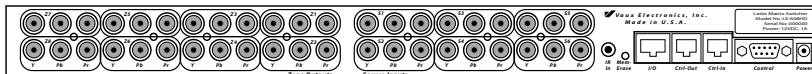
Hi-Def Component Video



LE-1216HD
 12x16 Component



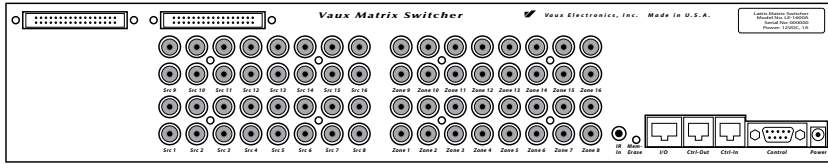
LE-1208HD
 12x8 Component



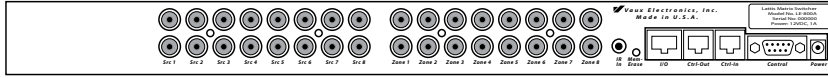
LE-608HD
 6x8 Component

Lattis LE-1216HD, LE-1208HD, and LE-608HD switchers are high-definition component video routing systems. These switchers can send Hi-Def or Std-Def component sources to HDTV monitors up to 250 feet away. Our HD switchers handle Hi-Def 1080p, 1080i, and 720p formats, as well as Std-Def 480p and 480i. As with all Lattis switchers, multiple units may be daisy-chained for expanding the zones (up to 255). A short modular control cable interconnects the units; RS-232, ethernet and IR connections are made to only one switcher.

STEREO Audio Switching/VOLUME



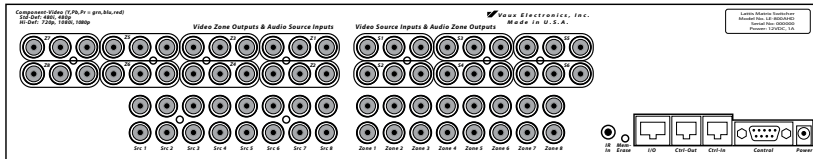
LE-1600A
16x16 Stereo Audio



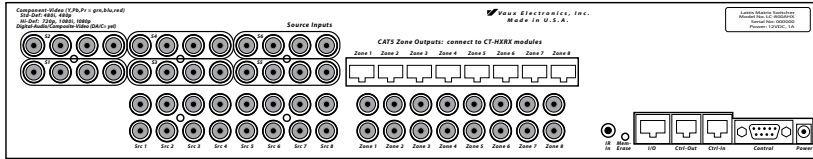
LE-800A
8x8 Stereo Audio

Lattis LE-1600A and LE-800A switchers accept line-level audio sources, and provide each zone with independent control of routing and volume levels. These high-fidelity matrix switchers also allow zoned bass, treble, balance, min/max levels and adjustable turn-on volume levels. Source-Leveling trims input sources to the same level. A ribbon-cable expansion option daisy-chains sources to multiple switchers. Multiple states may be saved and recalled for preset or paging use. Paging couldn't be easier: issue a single command to switch to one of the paging states, and another command to restore the previous state — even across multiple switchers. You may also page with a contact-closure input.

Audio with COMPONENT Video



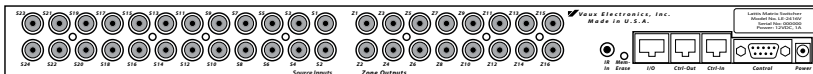
LE-800AHD
8x8/6x8 Audio/Component



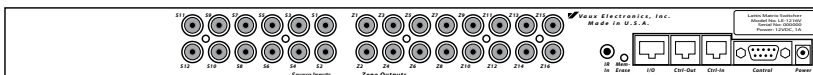
LC-800AHX
LC-800AHD
8x8/6x8 Audio/Component

The LE-800AHD combines 8x8 stereo audio and 6x8 component video into one chassis. Audio and video can be switched together, or independently. In the LC-800AHX/HD switchers, the audio section is combined with a CAT5 component video section. The HX version includes a digital-audio channel, while the HD model is component-only.

COMPOSITE Video OR Digital Audio



LE-2416V
24x16 Composite



LE-1216V
12x16 Composite

Lattis video switchers handle NTSC or PAL composite video, and/or S/PDIF digital-audio. Outputs can run up to 250-feet on RG-6, RG-59, or other 75-ohm coaxial cable.

Lattis Family Specifications:

Stereo Line-Level Audio Section:

Volume Adjustment Range	-64 to +6 dB
Bass Adjustment Range	-12 to +12 dB
Treble Adjustment Range	-12 to +12 dB
Input Impedance	47K ohm typ.
Output Impedance	100 ohm typ.
Frequency Response (into 47K ohm load)	20 Hz to 100 KHz
Input Signal Handling	2 V _{rms} max.
Zone Programmable:	Min/Max/Initial Volume, Mute level, Mono/Stereo, etc.

Component-Video, Composite-Video, and Digital-Audio Sections:

CAT5 Component-Video/Digital-Audio max cable length (150m)	500 feet
Input and Output Impedance	75 ohms
Bandwidth	120 MHz
Differential Gain	0.1% typ.
Differential Phase	0.2 degree typ.
THD Hi-Def @ 22MHz	0.6% typ.
THD Std-Def @ 5MHz	0.05% typ.
Component-Video (Y, Pb, Pr), Hi-Def	720p, 1080i, 1080p
Component-Video (Y, Pb, Pr), Std-Def	480i, 480p
Composite-Video	NTCS and PAL
Digital-Audio (coaxial)	S/PDIF (IEC 958)

Connectors:

CAT5 Component-Video/Digital-Audio	8P8C
Audio/Component-Video/Composite-Video/Digital-Audio	Phono (gold)
Audio Source Daisy-Chain (-RE option; 2 to 10 switchers)	34-P ribbon
RS-232 Control Port (9-pin female D-sub)	DE9-F
Ctrl-In/Out Expansion Ports (RS-232 and IR Daisy-Chain)	6P6C
Ethernet or I/O Port	8P8C
Infrared IR-In Control Port (40-KHz modulated)	3.5 mm mono phone
DC Power Adapter (auto-polarity)	2.1 mm coaxial

Other:

Dimensions (2U rack chassis) (48cm W x 8.9cm H x 25cm D)	19" W x 3.5" H x 10" D
Dimensions (1U rack chassis) (48cm W x 4.4cm H x 25cm D)	19" W x 1.75" H x 10" D
Dimensions (1/2U rack chassis) (22cm W x 3.8cm H x 15cm D)	8.5" W x 1.5" H x 6" D
Weight, 2U chassis (4.0 kilos)	9 lbs
Weight, 1U chassis (3.2 kilos)	7 lbs
Weight, 1/2U chassis (1.8 kilos)	4 lbs



BR-LE-0808



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