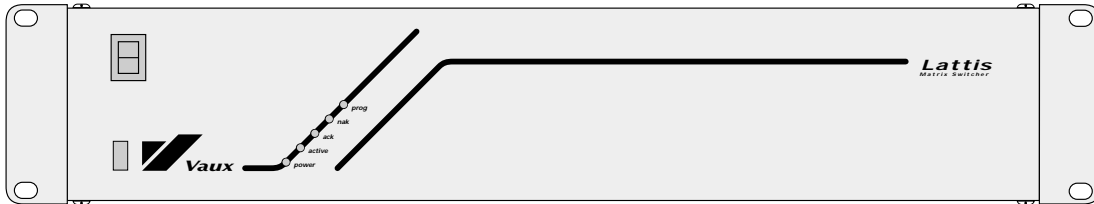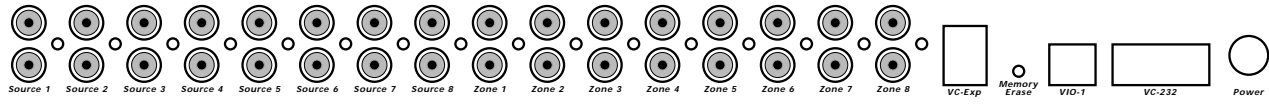# LE-800A

The Lattis LE-800A is an 8-source by 8-zone Matrix Switcher for stereo audio routing and volume-control applications. A complete RS-232 protocol, as well as IR and keypad control capability, provides a flexible and expandable multi-zone audio system.

LE-800A at a Glance:

- High-fidelity, 8x8 stereo audio matrix switcher
- Control via RS-232, IR remote, and/or wired keypads
- Volume, Bass, Treble, Balance, and Mute for each zone
- *Memory-Presets* for save & recall of different routing/volume states
- *Zone-Clusters* group various zones for concurrent routing/volume, in addition to independent control
- Any stereo zone can be *Paired-Mono* (same source, independent volume) for up to 16 mono zones
- Stack multiple switchers for up to 256 total stereo zones
- Program each zone's min/max/turn-on volume, mute level, ramp rates, etc.
- *Source-Leveling* for input trim
- Power-up to *Standby* or *Previous* routing/volume state
- Downloadable system software

Vaux

Lattis Matrix Switcher   *Vaux Electronics, Inc.   Made in U.S.A.*

Lattis Matrix Switcher
Model No. LE-800A
Serial No: 000000
Power: 12VDC, 500mA

Source 1 Source 2 Source 3 Source 4 Source 5 Source 6 Source 7 Source 8 Zone 1 Zone 2 Zone 3 Zone 4 Zone 5 Zone 6 Zone 7 Zone 8   VC-Exp   *Memory Erase*   VIO-1   VC-232   Power

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Lattis Model LE-800A Specifications:

Audio Section:

Volume Adjustment Range (2 dB/step; off < -80 dB)	–64 to 0 dB
Bass Adjustment Range (3 dB/step; centered at 40 Hz)	–12 to +12 dB
Treble Adjustment Range (3 dB/step; centered at 15 KHz)	–12 to +12 dB
Input Impedance	47K ohm typ.
Output Impedance	100 ohm typ.
Frequency Response (into 47K ohm load; –3 dB rolloff)	15 Hz to 100 KHz
Input Signal Handling	2 Vrms max.
Zone Programmable: Min/Max/Turn-on Volume, Mute level, Passthrough, Mono/Stereo, etc.	

Input/Output Connectors:

Source x: Stereo Line-Level Audio Inputs (phono)	8
Zone x: Stereo Line-Level Audio Outputs (phono)	8
VC-232: RS-232 Control Port (DB-9 F)	1
VC-Exp: Expansion Port for RS-232 Daisy-Chain and Keypads (6P6C)	1
Power Jack (for 12 VDC, 500 mA Adapter, any polarity) (2.1 mm)	1

Other:

Power Consumption	12 VDC @ 500 mA typ.
Dimensions (2U rack chassis; 17" W body)	19" W x 3.5" H x 10" D

Vaux Electronics, Inc.

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