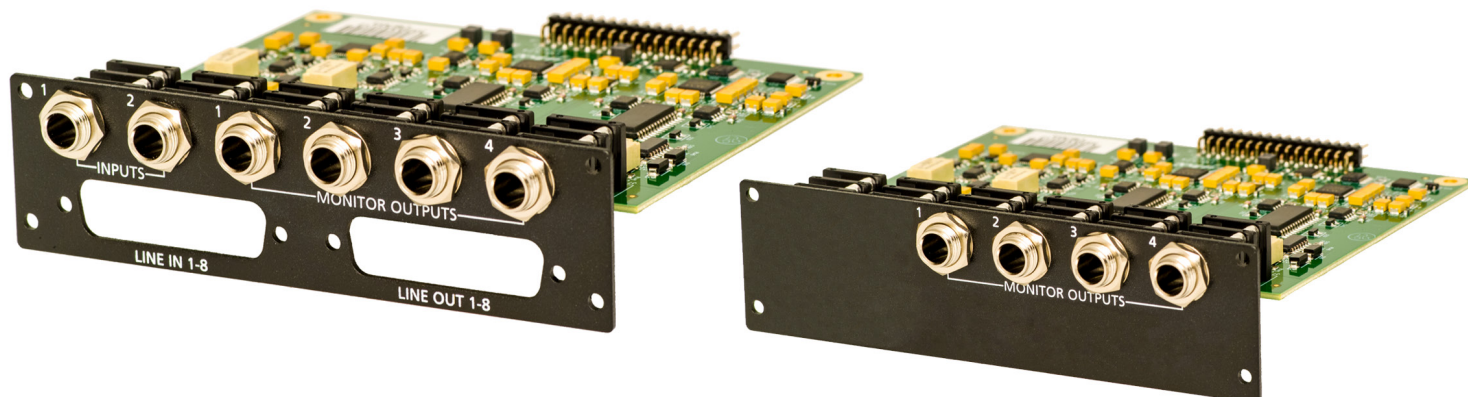


LM-A24 & LM-A4

Lynx
STUDIO
TECHNOLOGY



■ Specialty Analog Modules for Lynx Aurora⁽ⁿ⁾ Converter ■

The LM-A24 module expands the capabilities of the Aurora⁽ⁿ⁾ platform by providing two line inputs and four monitor outputs on TRS connectors. The outputs incorporate precise level control making them ideal for driving monitor speakers or interfacing with other studio devices. The module easily integrates with other I/O channels since its transparent performance matches previous Aurora⁽ⁿ⁾ line-level modules. The LM-A4 is an output-only module which is a lower cost option for applications that do not require additional inputs.

The LM-A24 and LM-A4 are specialty analog modules that provide line-level I/O on TRS connectors. Designed to the same exacting standards Lynx converters are known for, they offer pristine transparency, excellent imaging, and ruler-flat frequency response.

These modules provide an excellent solution for installations requiring a small number of dedicated I/O's without the requiring an additional break-out cable. They also offer I/O levels up to +24dBu for extended compatibility with other pro studio equipment. An excellent example application is providing separate monitor outputs when other Aurora⁽ⁿ⁾ line outputs are being fed to a summing mixer.

The outputs can easily drive powered monitors and offer precise level control via a low-distortion, digitally-controlled analog attenuator. This analog-domain attenuator maintains a high signal-to-noise ratio over the adjustment range. Monitor speaker protection is provided by output anti-pop relays.

The output-only LM-A4 is an excellent companion to the four-channel LM-PRE4 input-only module. The combination of these two modules allows for the configuration of a lower cost 4-in/4-out Aurora⁽ⁿ⁾ which is ideal for smaller studios and podcasters. This can also act as a starter configuration with plenty of room for adding more channels of line-level, AES/EBU, or ADAT I/O.

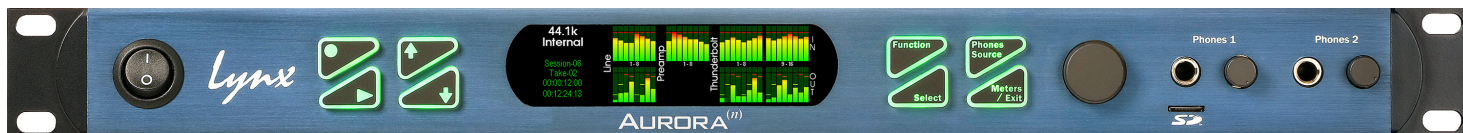
Input trims, output levels, signal routing and mixing are easily controlled from the Aurora⁽ⁿ⁾ front panel or using Lynx's NControl application on any Windows or Mac computer.

LM-A24/LM-A4 FEATURES

- Lynx proprietary 24-bit A/D and D/A conversion
- Four electronically balanced outputs on TRS
- Output level adjustments in 0.5dB increments up to +24dBu
- Two electronically balanced inputs accept levels up to +24Bu on TRS (LM-A24 only)
- Fully-differential transparent design
- Line level performance identical to LM-AIO8E
- Anti-pop relays on outputs for silent power-ups and -downs
- Seamless integration with Aurora⁽ⁿ⁾'s mixing and routing engine

AURORA⁽ⁿ⁾

See the Lynx Aurora⁽ⁿ⁾ configurator at lynxstudio.com/custom-shop for all Aurora⁽ⁿ⁾ configurations.



Aurora⁽ⁿ⁾ front panel.



Aurora⁽ⁿ⁾ rear panel with LM-A24 module.

LM-A24/LM-A4 SPECIFICATIONS

	LINE INPUT (LM-A24)	LINE OUTPUT (LM-A24 & LM-A4)
THD+N <i>1kHz, -1dBFS, 20kHz filter</i>	-113dB (+20dBu trim)	-108dB (+20dBu FS setting)
Dynamic Range <i>A-weighted, -60dBFS method</i>	119dB	120dB
Frequency Response <i>Deviation over 20-20kHz band, -1dBFS</i>	±0.010dB	±0.025dB
Crosstalk <i>Adjacent channel, -1dBFS, 1kHz</i>	-130dB max.	-130dB max
Common Mode Rejection <i>-1dBFS, 60Hz and 1kHz</i>	Greater than 80dB	N/A
Full-scale Trim Settings	+20dBu, +24dBu	N/A
Output Level	N/A	-71.5dBu to +24dBu (<i>adjustable in 0.5dB increments in the analog domain</i>)
Connector	Electronically Balanced TRS	Electronically Balanced TRS

All measurements made with Audio Precision SYS-2722 Audio Analyzer

SUGGESTED RETAIL PRICES

AURORA⁽ⁿ⁾

LM-A24
\$750

LM-A4
\$575

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