

SLA-1

Studio Linear Amplifier



Offering a superb level of sound quality, the SLA-1's clean and powerful circuitry combined with a straightforward user interface quickly and easily delivers the power you need for professional and project studio sound amplification. The SLA-1 has been designed for studio and even live applications, and has been engineered to provide excellent sound with ultra-low noise and distortion.

The SLA-1 has a long list of impressive features, including a Toroidal Transformer, XLR & 1/4" Inputs, Ground Lift Switch, SmartFan Silent Cooling Design, Power, Clip, Signal and Protect LED's, One IU Spacing and a frequency response of 10 Hz to 40 kHz.

The SLA-1 is rated at 100 watts rms/channel @ 8 ohms (130 watts rms/channel @ 4 ohms), hum and noise >100dB, input impedance of 22k ohm unbalanced (44k ohm balanced). It has an input sensitivity of 1V for rated power into 8 ohms, SmartFan Silent Cooling System and custom heat radiating fins. The SLA-1 is a powerful, compact amplifier that occupies 1 IU unit and weighs 6kg. Its rugged, steel chassis is designed for durable and reliable use.

The SLA-1 is perfect for pro, project and home studios, and is a perfect compliment to the new ART SLM-1 Studio Linear Monitors. The two together are a fantastic combination of both audio quality and of value!

SPECIFICATIONS:

Dimensions	1.75"H x 19.0"W x 9.5"D
Weight	13.2 lbs., 6.0kg.
Input Connections	XLR (balanced), 1/4" TRS (balanced/unbalanced)
Output Connections	Multi-Way Binding Posts
Input Impedance XLR, 1/4"	44k ohms (balanced), 22k ohms (unbalanced)
Input Sensitivity	1V for Full Power Output into 8 ohms
Stereo Output Power, 8 ohms	100 watts RMS per Channel
Stereo Output Power, 4 ohms	130 watts RMS per Channel
Bridged Output Power, 8 ohms	260 watts RMS mono
CMRR	>60dB (typical @1kHz)
Frequency Response	10Hz to 40kHz, +/- .5dB
Hum and Noise	>100dB below clipping
Total Harmonic Distortion (THD)	<0.05% (typical)
Transformer Type	Toroidal
Power Requirements	USA - 120vac 60 Hz 600 watts (max). Export units configured for country of destination.

APPLICATIONS:

Project, Home and Commercial Recording Studios, Broadcast/Radio/TV, Live Sound Systems/PA, Permanent/Fixed Installations, Church, Club and Practice PA Systems, DJ Sound Systems

Features and specifications subject to change without prior notice.
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ART
APPLIED RESEARCH AND TECHNOLOGY

FEATURES:

**TOROIDAL
TRANSFORMER**

**100 WATTS/
CHANNEL
@ 8 OHMS**

**260 WATTS/
BRIDGED
MONO @
8 OHMS**

**10 HZ to 40 KHZ
WITHIN 1dB**

**XLR & 1/4"
INPUTS**

**GROUND LIFT
SWITCH**

**SMARTFAN SILENT
COOLING SYSTEM**

**MULTI-WAY
BINDING POST
OUTPUTS**

**LOW PROFILE
1U RACK
MOUNTABLE
DESIGN**

**EXTREMELY LOW
NOISE, DISCRETE
LINEAR DESIGN**

**ALL STEEL
CHASSIS**

**PERFECT FOR
PROFESSIONAL
AND PROJECT
STUDIOS**