

EDA Series Professional Amplifiers



Danley Sound Labs' Extended Duration Amplifiers (EDA) amplifiers are uniquely designed for long term high power output at extremely low frequencies to meet the demands of synthesized bass in electronic dance music, crowd rousing reinforcement in sports stadiums, and explosive special effects for cinema and elsewhere. Bass is overwhelming and immersive. Yet high efficiency ensures cool running and reliability even in adverse environments. State of the art power supply and class D amplifier technology deliver unsurpassed sonic performance and long-term reliability and cool operation under extreme stress in touring or fixed installation applications. Designed for full time 2 ohm operation, the high power output can be used to fully drive multiple parallel woofers economically in large systems.

Construction and Quality Control

MADE IN USA. All amps are assembled and tested in Santa Ana California. The 2400W-6000W amplifiers are made entirely with local vendors.

EDA Features:

- Dual mono construction. Full power all the time.
- Full bridge outputs for no current pumping
- Power specified at low frequencies where you need it.
- State of the art modulation and feedback networks for low distortion

Country of manufacture: USA

Dimensions: 2RU 89 mm x 483 mm x 368 mm including side and back rack ears
(3.5" x 19" x 14.5")

Weight: 11.3 kg. (25 lbs.)

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.

Cooling: Dual, variable speed fans with rear to front air flow

Protection:: Thermal, DC, turn-on bursts, subsonic, incorrect loads

Indicators:: Power, Signal Present, Clip

Connectors: Stereo XLR input and looping output. Two High current Speakon outputs. 30A Powercon AC mains

Warranty: Three years parts and labor

	EDA 12000	EDA 6400	EDA 8000
Rated power 2 x 2 ohms	6000W per ch both driven	N/A	4000W per ch both driven
Rated power 2 x 4 ohms	3800W per ch both driven	3200W per ch both driven	2600W per ch both driven
Rated power 2 x 8 ohms	2000W per ch both driven	2000W per ch both driven	1300W per ch both driven
Maximum RMS voltage	126VAC	126VAC	109VAC
AC Mains voltage	208-240VAC 50/60 Hz	208-240VAC 50/60 Hz	120VAC 50/60 Hz
Frequency response	5Hz-20Kz +/- 1.5dB	5Hz-20Kz +/- 1.5dB	5Hz-20Kz +/- 1.5dB
Voltage gain	30dB	30dB	30dB
Crosstalk	>90dB	>90dB	>90dB
Hum and noise	99dB A wtd ref full 8 ohm pwr		
Output impedance	< 0.01ohm 20Hz-1KHz		
Input sensitivity	2VRMS		
Input impedance	40K ohms		
1/8th output power AC draw	1130	690	1130
Idle power draw	40W	40W	30w
Weight	22 lbs	22lbs	22 lbs

Specifications subject to change without notice.