



It use Class D module of SAE Audio first generation, Let Lark become the most cost-effective power amplifier and favored by professional audio enthusiasts.

Features

- Class D power modules.
- SMPS power supply unit.
- XLR input and signal link connectors.
- SpeakON NL4 and binding post output connectors.
- Channel independent protection and clip warning indicators on the front panel.
- Channel independent power and -5dB / -10dB / -20dB / signal presence indicators on the front panel.
- Ultra-low unit weight.
- Fresh and sweet sounding characteristics.

Applications

- Mobile / portable public address or monitoring amplification.
- DJ sound system.
- Small sized bar / café / lounge installation.
- Applications with signal processing requirements.

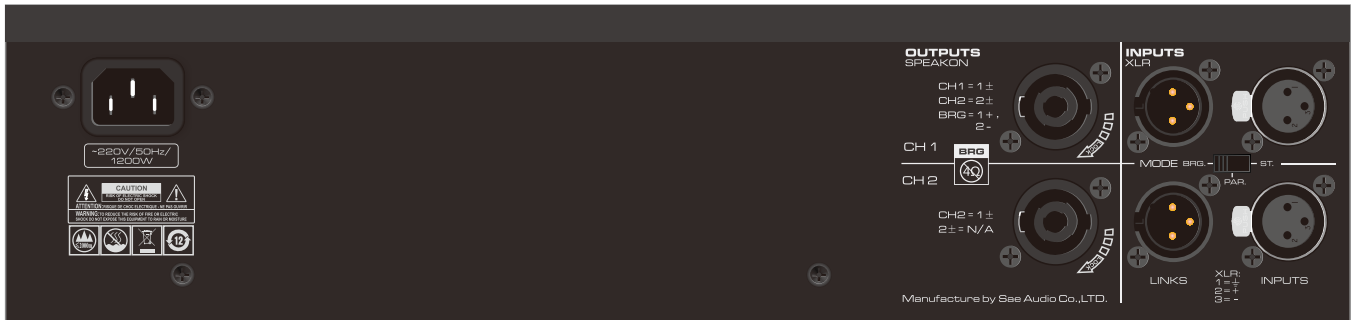
Technology

Class D

As a result of long and intense efforts on PWM and Switch-Mode technology research and development, SAE Audio has finally released its first generation of Class D amplifier power modules. Being the benchmark for a new era of power amplification, SAE Audio Class D technology implements the most advanced electronics within the smallest form-factor amplifier modules. The new Class D amplifiers implement the most efficient sound amplification technology available today, providing an unmatched system portability and affordability for the best sound reinforcement performance.

Full Automatic Assembly

SAE Audio amplifier production facilities feature the most advanced electronic automatic assembling equipment. All electronic modules on the DUO series are completely produced using automatic assembly thus enormously reducing unit malfunction possibilities due to manufacturing and achieving an unprecedented audio power amplifier reliability.



Lark rear panel

Specifications

Model	Lark600	Lark800
Output power (AC 220V / 50Hz. $\pm 10\%$, All channels driven output power, THD=1%)		
8 Ω Stereo*	600Wx2	800Wx2
4 Ω Stereo**	1000Wx2	1400Wx2
8 Ω Bridge**	2000W	2800W

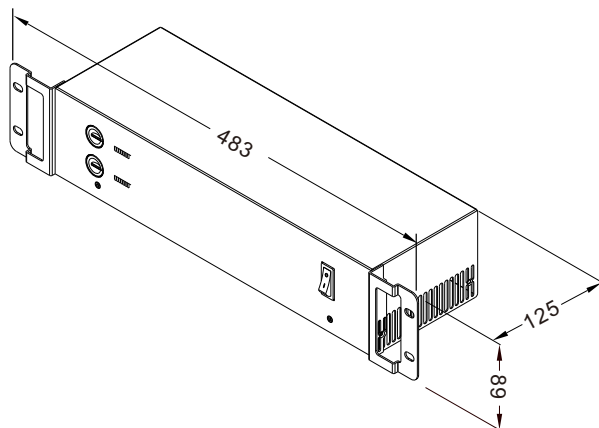
Other specification

Frequency response	20Hz-20KHz(± 0.6 dB)	
THD+N	<0.1%	
S/N rate	≥ 98 dB	
Slew rate	≥ 10 V/ μ s	
Input impedance (bal/unbal)	1.0V	
Input impedance(bal/unbal)	20k Ω /10k Ω	
Voltage gain	37dB	38dB
Output circuitry	Class D	
Cooling	Air flow from front to rear	
Protection	Soft start, VHF, DC, short circuit, over load, clip limit, peak current limit over heat, progressive volume	

Dimension / Weight

G.W.	4.1kg	4.2kg
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Dimension (mm)



Remark : 1. *Power tested under EIA standard.
 2. **Power tested under the condition of 40ms burst, 1KHz sine wave and 1% THD.
 3. SAE reserves the right to make any changes to the product specifications without prior notice. Final specifications to be found in the user manual.