

LS Series

Applications

LS Series with 2 steps class H. LS Series is developed in another independent system, totally different with other series. They have been new in many aspects. 75% has been assembled by SMT. The protection circuit is excellent too. It has switching on volume gradual increase, soft start, voltage limit, current limit and intelligent short circuit protection new technology. All above merits make you assurance for all using conditions. LS series has 2U height, bridge 4 ohm.

Disco, night clubs, super karaoke and meeting room.

Amplifiers



LS Series

Specifications

Model	LS-300	LS-450	LS-600
Stereo power	8Ohm 2x300W	2x450W	2x600W
1KHz 0.1% THD	4Ohm 2x450W	2x700W	2x930W
Bridge mono Power	8Ohm 900W	1400W	1860W
1KHz 0.1% THD			
Parallel mono Power	8Ohm 2x300W	2x450W	2x600W
1KHz 0.1% THD	4Ohm 2x450W	2x700W	2x930W
Full Bandwidth	20Hz-20kHz +/- 0.5dB		
Frequency response	+0dB/-0.3dB from 20Hz to 20kHz at 1 watt		
Phase response	+/- 0.1 degrees from 10Hz to 20kHz at 1 watt		
S/N	>95dB		
IMD	≤0.01% Rated Power @ 8Ω		
THD	≤0.01% Rated Power @ 8Ω 1kHz		
Damping Factor	>500 @ 1kHz/8 ohms		
Cross talk	>50dB		
Slew Rate	36v/μs (Stereo)		
Input impedance	10K/20K ohms, unbalanced or balanced		
Dimensions (mm)	435x400x89mm (2U)		
Main power supply	~220V 50/60Hz FUSE:T8A	~220V 50/60Hz FUSE:T10A	~220V 50/60Hz FUSE:T12A
Weight	16kg	18kg	19kg

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Amplifiers



Specifications

Model	LS-800	LS-1600
Stereo power	80hm 4x200W	4x400W
1KHz0.1% THD	40hm 4x320W	4x650W
Bridge mono Power	80hm 2x620W	2x1250W
Indicator control	Protect/clip/signal/bridge Ch1 Ch2 Ch3 Ch4 Volume mode/ tone/matrix mixer	
Full Bandwidth	20Hz-20kHz+/- 0.5dB	
Frequency response	+0dB/-0.3dB from 20Hz to 20kHz at 1 watt	
Phase response	+/- 0.1 degrees from 10Hz to 20kHz at 1 watt	
S/N	>95dB	
JMD	≤0.01% Rated Power@8Ω	
THD	≤0.01% Rated Power@8Ω 1kHz	
Damping Factor	>500@1kHz/8 ohms	
Cross talk	>50dB	
Slew Rate	36V/μs (Stereo)	
Input impedance	10K/20K ohms, unbalanced or balanced	
Dimensions(mm)	435x400x89mm(2U)	
Main power supply	~220V 50/60Hz FUSE:T10A	
Weight	25kg	30kg