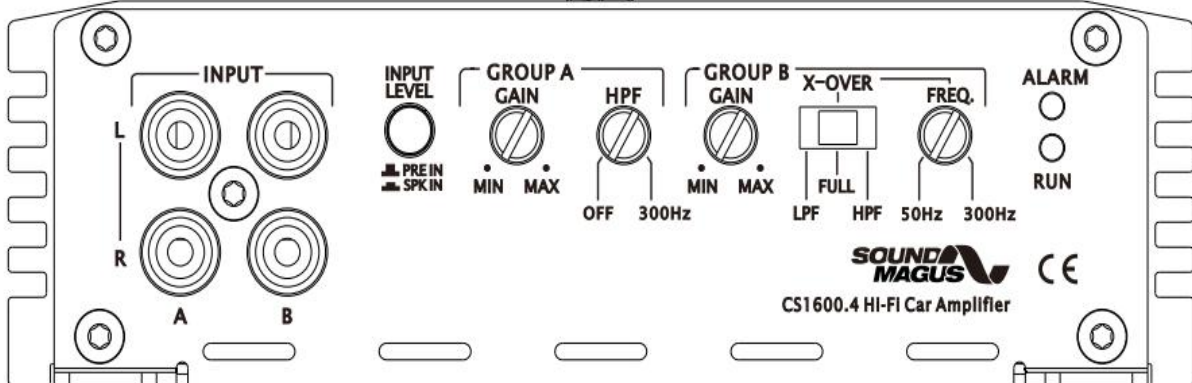


**SOUNDMAGUS TECHNOLOGY CO.,LTD.**

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Model No.	CS1600.4
Topology	Class D
Rated Continuous (RMS) Power @ 14.4 V	
4 Ω , $\leq$ 1% THD+N	300W RMS X 4
2 Ω , $\leq$ 1% THD+N	400W RMS X 4
4 Ω bridged , $\leq$ 1% THD+N	800W RMS X 2
General Specifications	
Frequency Response	20HZ~30KHZ(-3dB)
S/N Ratio @ Rated power	>93dB (A-weighted)
S/N Ratio @ 1 W (CEA-2006)	>75dB (A-weighted)
Operating Voltage:	7.5V-16V DC
THD+N @ Rated power	<0.2% @ 4 Ω Stereo 30watts 1K Hz
Auto Turn On	DC Offset (High level input) / REM (High & low level input)
Protection	Overload, ShortCircuit, Overheat, Under voltage, Over voltage
Input Sensitivity	0.35-3.5V (PRE INPUT) / 0.7-7V(SPK INPUT)
Power / Ground Wire	2-4 AWG
Recommended external Fuse Rating	180A fuse
Signal Processing	
	
Filter Modes	■ Full ■ HPF ■ LPF
Filter Slope (dB/Octave)	12dB/Oct
Filter Frequency Range	HPF OFF~300Hz for Group A; LPF/HPF 50Hz~300Hz for Group B
Physical Specifications	
Height (H)	46mm
Width (W)	155mm
Length (L)	294.25mm