

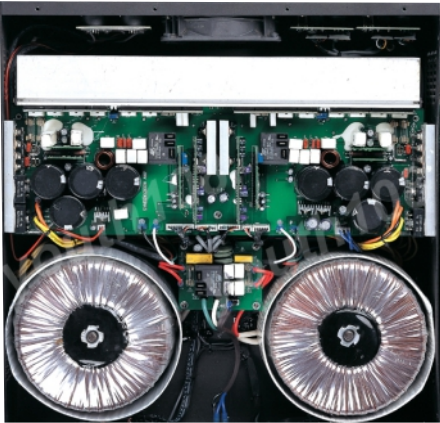


Self-protecting Architecture

IPS Amplifiers implement several safety strategies protecting both the amplifier and the sound system, including an effective peak limiting protection for the transducers. The temperature-controlled continuous variable speed double-fan system (front to back), combined with the high-efficiency heat sinks, allows the amplifier to maintain the optimal working temperature, no matter the environmental temperature or the

自保护架构

Mt放大器实施多种安全策略来保护放大器和音响系统，包括对传感器的有效峰值限制保护。温控连续变速双风扇系统（从前到后），结合高效散热片，使放大器无论环境温度或功率输出都保持最佳工作温度。该电路具有过热和短路保护，还包括针对非音乐信号产生的次声直流和甚高频（VHF）峰值的保护，这些信号可能会损坏换能器。



SPECIFICATIONS 参数

Model Name	型号名称	Q6	Q8	Q10	Q13
Stereo Power Output : RMS	立体声功率输出:				
4 Ω x 2	4 Ω × 2	900 W	650 W	950 W	1250 W
8 Ω x 2	8 Ω × 2	600 W	800 W	1000 W	1300 W
Bridged Mono Power Output : RMS	桥接单声道功率输出:				
8 Ω	8欧姆	1200 W	900 W	1900 W	2500 W
Frequency Response	频率响应	20 Hz~30 KHz	20 Hz ~30 KHz	20 Hz 30 KHz	20 Hz 30 KHz
Topology	拓扑结构	Class H	Class H	Class H	Class H
Input Sensitivity & impedance	输入灵敏度和阻抗				
Sensitivity	灵敏度	0dBu (0.775 Vrms)	0dBu (0.775 Vrms)	0dBu (0.775 Vrms)	0dBu (0.775 Vrms)
Balanced XLR input	平衡XLR输入	20 K Ω	20 K Ω	20 K Ω	20 K Ω
Maximum Input Leve	最大输入电平	22 dBu (9.7 Vrms)	22 dBu (9.7 Vrms)	22 dBu (9.7 Vrms)	22 dBu (9.7 Vrms)
Voltage Gain	电压增益	35dB	37dB	37dB	37dB
Slew Rate	转换率	>40 V / us	>40 V / us	>40 V / us	>40 V / us
Crosstalk	通道隔离	<-70 dB	<-70 dB	<-70 dB	<-75 dB
S/N	信噪比	>100 dB	>100 dB	>100 dB	>100 dB
Distortion (1 W)	失真 (1W)	<0.02%	<0.02%	<0.02%	<0.02%
Damping Factor	阻尼因子	>300	>300	>300	>300
Controls	控制				
Front panel	前面板	AC Switch, CH 1 and CH 2 Gain Knobs AC 开关、CH 1 和 CH 2 增益旋钮			
Rear panel	后面板	Parallel, Stereo & Bridge Mode Switch; Limiter Switch 并行、立体声和桥接模式切换；限位开关			
Protections	保护措施	Thermal protect, Over-current protect, Output DC protect, Output short protect, Power on/off mute 热保护、过流保护、输出直流保护、输出短路保护、开关机静音电源、保护、信号、峰值			
Indicators	指示灯	Power, Protect, Signal, Peak 电源、保护、信号、峰值			
Dimensions	尺寸	88 x 483 x 330 mm			
Net Weight	净重	11 kg / 24.25 lbs	13 kg / 28.66 lbs	19 kg / 41.88 lbs	22 kg / 48.50 lbs
Gross Weight	总重量	13 kg / 27.5 lbs	14.5 kg / 31.9 lbs	22 kg / 49.60 lbs	25kg / 56.22 lbs

* RMS 1000Hz/max.THD 1% ** stereo mode, one channel driven burst sinal (program peak) *** burst signal (program peak)
*有效值 1000Hz/最大总谐波失真 1% **立体声模式，一个通道以脉冲串信号推动（峰值音量） ***脉冲串信号（峰值音量）



POWER AMPLIFIER

PROFESSIONAL POWER AMPLIFIER 专业功率放大器

Q series is a range of two channel professional amplifiers that combine the latest high-performing class-H power amplification technology with long-term reliability. . It features independent gain control, signal/clip and fault indicators, stereo XLR input and output link, stereo/parallel/bridge switch, speakON, and binding post output connectors. Moreover, it is protected against short circuits. Thanks to its high-efficiency heat sinks and variable speed fans, Q series can withstand extreme heat conditions, ensuring complete

Q系列是一系列两通道专业放大器，结合了最新的高性能 H 类功率放大技术和长期可靠性。它具有独立的增益控制、信号/削波和故障指示器、立体声 XLR 输入和输出链接、立体声/并行/桥接开关、speakON 和接线柱输出连接器。此外，它还具有短路保护功能。凭借其高效散热器和变速风扇，Q系列可以承受极端的高温条件，确保完全的可靠性。



Remarkable Audio Performance

With a very high signal-to-noise ratio, Q amplifiers also boast a very low total harmonic distortion, making it perfect for highly demanding music applications hence delivering perfect vocal intelligibility.

卓越的音频性能

Q放大器具有非常高的信噪比，还具有非常低的总谐波失真，非常适合高要求的音乐应用，从而提供完美的声音清晰度。

FEATURE 特性

- Using 3U chassis structure
 - Fast response and low distortion
 - Stereo, parallel, bridge modes
 - Extensive protection circuit
 - Variable speed cooling system
 - Signal, clip, fault led indicators
 - XLR input connectors
 - SpeakON and binding post output connectors
 - Limiter on each channel
- 3U 机箱结构
 - 响应速度快、失真度低
 - 立体声、并行、桥接模式
 - 完善的保护电路
 - 变速冷却系统
 - 信号、削波、故障 LED 指示灯
 - XLR 输入连接器
 - SpeakON 和接线柱输出连接器
 - 每个通道都有限制器