

# FA series



pro audio

## FA 系列有源功放模块 FA SERIES ACTIVE AMPLIFIER MODULE

FA有源功放模块，主要用于有源全频音箱，采用Class D类功放电路，模块化设计，独立PWM固频调制，以减小自激电路的差频、合频多通道干扰。两通道内置24BIT/96K采样频率的高性能DSP处理器,RS485联机或组网调节，输入端31段PEQ，输出端10段PEQ，输入输出延时0-25ms可调，且带独立的带通滤波器，全通滤波器，独立压限，噪声门控制。产品具有功率大、失真低的特点，全屏蔽密封盒，使得产品满足电磁兼容及产品安全等级要求。

The FA series of active amplifier module, designed for full range active speakers, using Class D circuit, modularized design, independent PWM fixed frequency modulation, to reduce the difference frequency of the self-excited circuit and multichannel interference. Built-in two channel 24 bit / 96 k sampling frequency of the high performance DSP processor, RS485 connector or network adjustment, input 31 section PEQ, output 10 section PEQ, input/output delay 0 to 25 ms is adjustable, and bringing the independent band-pass filter, all-pass filter, independent pressure limit, the noise control. The product has large power and low distortion, and the whole shielding sealing box makes the product meet the requirements of EMC and product safety level.



### SPECIFICATIONS

型号: MODEL	FA1.6	FA1.8	FA2.36	FA2.38	FA2.68
输出功率Output Power 8 Ohms	600W	800W	300W+600W	300W+800W	600W+800W
输出功率Output Power 4 Ohms	900W	1200W	450W+900W	450W+1200W	900W+1200W
DSP处理功能	/	/	DSP	DSP	DSP
频率响应Frequency Response	20Hz-20kHz				
输入阻抗Input Impedance	20k ohm/Balanced,10kohm/un-Balanced				
信噪比S/N Ratio	≥95dB				
失真度 THD	<0.5%				
阻尼系数 Damping Factor/8ohm/1kHz	>200				
转换速率Slew Rate	20V/uS				
保护功能Protection	Soft Start,Short Circuit,Limiter,DC Fault,AC Line Fuse,Thermal Cut				
电源Mains Power supply	AC:110-240V/ 50Hz-60Hz				
净重Net Weight	2Kg	2Kg	3.5 Kg	3.6 Kg	3.6 Kg