

CA series

CA 系列专业功率放大器 CA SERIES POWER AMPLIFIER



pro audio

CA系列专业功放是有源PFC开关电源, class D类功率放大的数字功放, 采用多环路调控技术和模块化设计, 具备可靠性高、功率足、音色出众、适应能力强等优势。特别针对低阻抗、大电流工作条件下的功率放大技术, 令其拥有超过95%的效率和出色的稳定性; 开关电源采用有源PFC和软开关技术, 能适应恶劣的电网环境, 为功放提供持续澎湃的动力。CA系列专业功放可选择定压或者定阻输出驱动音箱; 1U的机身高度, 体积小重量轻, 使用更方便。

CA series professional power amplifier is an active PFC switching power supply, class D power amplification digital amplifier, using multi-loop control technology and modular design, with high reliability, sufficient power, outstanding sound, strong adaptability and other advantages. Especially for low-impedance, high-current power amplification technology, so that it has more than 95% efficiency and excellent stability; The switching power supply adopts active PFC and soft switching technology, which can adapt to the harsh grid environment and provide continuous surging power for the amplifier. CA series professional power amplifier can choose constant voltage or constant resistance output drive speaker; 1U body height, small size, light weight, more convenient to use.



SPECIFICATIONS

型号 MODEL	CA4.05	CA4.10	CA4.20	CA2.30
额定功率 (THD=1%, 连续正弦 1kHz, 单通道工作/ Continue sine wave 1kHz, one channel driving)	8Ω/立体声/STEREO	4X450W	4X1000W	2X3000W
	4Ω/立体声/STEREO	4X765W	4X1700W	2X5100W
	2Ω/立体声/STEREO	4X1300W	4X2890W	2X8670W
	16Ω/桥接/BRIDGE	2X900W	2X2000W	1X6000W
	8Ω/桥接/BRIDGE	2X1530W	2X3400W	1X10200W
	4Ω/桥接/BRIDGE	2X2600W	2X5780W	1X17340W
	100V定压/CONSTANT	4X765W	4X1700W	4X3400W
输入灵敏度 INPUT SENSITIVITY	可选择/ Selectable: 1.0V,0.775V(额定输出功率/ Rated Output Power, 1kHz)			
失真度 THD+N	典型值/ Typical Value: 0.05%(10%额定输出功率/ Rated Output Power, 1kHz)			
串扰抑制 CROSSTALK SUPPRESSION	≥90dB(低于额定功率/ Below Rated Power, 1kHz)			
频率响应 FREQUENCY RESPONSE	典型值/ Typical Value: ±0.5dB (10%额定输出功率/ Rated Output Power, 20Hz-20kHz,Lo-Z,8Ω)			
	典型值:/ Typical Value: ±0.5dB (10%额定输出功率/ Rated Output Power, 120Hz-16kHz,Hi-Z)			
输入阻抗 INPUT IMPEDANCE	20kΩ(平衡/ Balanced), 10kΩ(非平衡/ Unbalanced)			
阻尼系数 DAMPING FACTOR	典型值/ Typical Value: 300(20Hz-200Hz,Lo-Z,8Ω)			
信噪比 SIGNAL TO NOISE	≥100dB(A计权/ Weighted)			
电源要求 MAIN POWER SUPPLY	100-240 VAC ±10%,50/60 Hz			
保护功能 PROTECTION FUNCTION	电源欠压保护/ Under Voltage、过热保护/ Overheating、过载保护/ Overload、直流保护/ Direct Current			
产品尺寸 DIMENSIONS(WxHxD)mm	483x45x370	483x45x370	483x45x465	483x45x465
净重 NET WEIGHT	8.0kg	9.1kg	12.3kg	12.3kg