

# MICKLE®



## PROFESSIONAL AMPLIFIER MIXER

专业功放系列

功放系列是由MICKLE工程师根据现场的扩声的实际需要而精心设计，采用优质元件装配而成，并经历严格的测试，保证每台功放放大器都有极高的稳定性，为现场演出提供优秀的保证。



## CA SERIES [CA2 / CA4 / CA6 / CA9 / CA12 / CA18 / CA20]

### FEATURES / 产品特性

- ◆ CA系列全能型功放，M系列升级版，功率更充足，稳定性更高，各种场合都能轻松应付。功放将大功率机的声音表现提高到一个全新的高度，用料与制作绝妥协地，且应用了三高电路、电流前馈H类、阶跃保护等多项美奇电子独有的设计，强大的功率和输出电流令高级音箱的表现更上一层楼。
- ◆ 采用特选元件，并留有足够的余量。
- ◆ 应用了三高电路设计（高效率、高速度、高电流输出）
- ◆ 应用了电流前馈，等距滞回技术的三级H类设计
- ◆ 内置高性能低通滤波器且转折频率连续可调，完善且可靠的保护功能高效率电路结合加长的散热铝和大量风扇风扇使CA系列功放能够轻松面对各种恶劣环境

- ◆ CA Series raises the power amplifier sound to new level. Excellent component and is highly efficient, high speed, high power output circuit, current feed forward, class hand so on. High power output for better speaker performance.
- ◆ Excellent component and high power toroidal transformer.
- ◆ Three high circuit design (high efficiency, high speed, high current output).
- ◆ Use current feed forward, isometric hysteresis technical 3 step class H.
- ◆ CA series has built-in high-performance low-pass filter cutoff frequency with adjustable, provide extensive protection features.
- ◆ Highly efficient circuit with internal heatsinks and high flow fans that CA series can easy to face harsh environment.

型号	CA2	CA4	CA6	CA9	CA12	CA18	CA20
立体声输出功率8Ω 8Ω Stereo Power	2x250W	2x350W	2x450W	2x600W	2x900W	2x1100W	2x1350W
立体声输出功率4Ω 4Ω Stereo Power	2x390W	2x550W	2x700W	2x930W	2x1440W	2x1720W	2x2100W
立体声输出功率2Ω 2Ω Stereo Power	2x520W	2x735W	2x950W	2x1260W	2x1880W	2x2300W	2x2830W
桥接单声道输出8Ω 8Ω Bridge power	1x750W	1x1050W	1x1350W	1x1800W	1x2700W	1x3300W	1x4050W
桥接单声道输出4Ω 4Ω Bridge power	1x1000W	1x1400W	1x1800W	1x2400W	1x3600W	1x4300W	1x5200W
频率响应 Frequency Response	20Hz-20kHz(+0/-0.5dB)						
总谐波失真 THD+N	< 0.03% @ 8Ω 1KHz						
信噪比 S/N Ratio	>90dB	>90dB	>93dB	>93dB	>95dB	>95dB	>95dB
瞬态响应 Slew Ratio	20V/μS	20V/μS	23V/μS	23V/μS	23V/μS	23V/μS	23V/μS
阻尼系数 Damping Factor				> 400	> 600		
串音 Crosstalk	>70dB @ 8Ω 1KHz						
输入阻抗 Input Impedance	20KΩ (Balance)/10KΩ (Unbalance)						
输入灵敏度 Input sensitivity	0.8/1.6V						
保护 Protect	过热、过载、短路、直流、软启动 Overheat short circuits, DC, limit and --softstart, Output relat-Zero Current Switch, Intelctual Clip limiter						
高度 Heights	2U	2U	2U	2U	3U	3U	3U
重量 Weight	19kg	21kg	23.75kg	25kg	27kg	44kg	47kg
尺寸 Dimensions	480X88X500mm			480X132X522mm			



## M SERIES [M2 / M3 / M4 / M6 / M8 / M10]

### FEATURES / 产品特性

- ◆ M系列立体声功放结构简单牢固，稳定性高，声音频响宽，干净爽朗性价比比高，适用于小型流动演出，会议室，下乡工程等批量生产销售。
- ◆ 是为高标准音响演出系统工程研发的新一代产品，是专为演出、娱乐工程等需要连续高功率输出的全新一代传统功放产品。
- ◆ 采用特选元件，并留有足够余量。
- ◆ 其中有6种功率级别，从每通道8欧180~900W不等，灵活应用在大中小型流动演出、迪士高、多功能会议厅、慢摇吧、夜总会等要求连续功率输出的场合。

- ◆ M series Amplifier is a new generation products with high standard of professional audiosystems engineering . It is designed for performance, entertainment projects which require continuous high power output
- ◆ Excellent component and high power toroidal transformer.
- ◆ And there are six power grades, from 180-900W per channel under 8 ohms.
- ◆ What is more, this series is suitable for travel performance, disco, multi-functional conference hall, bar, nightclubs and other which required power output of square.

型号	M2	M3	M4	M6	M8	M10
立体声输出功率8Ω 8Ω Stereo Power	2x180W	2x250W	2x350W	2x580W	2x760W	2x900W
立体声输出功率4Ω 4Ω Stereo Power	2x280W	2x390W	2x550W	2x930W	2x1150W	2x1440W
立体声输出功率2Ω 2Ω Stereo Power	2x360W	2x520W	2x750W	2x1200W	2x1550W	2x1850W
桥接单声道输出8Ω 8Ω Bridge power	1x540W	1x750W	1x1050W	1x1740W	1x2280W	1x2700W
桥接单声道输出4Ω 4Ω Bridge power	1x720W	1x1000W	1x1400W	1x2320W	1x3040W	1x3600W
频率响应 Frequency Response	20Hz-20kHz(+0/-0.5dB)					
总谐波失真 THD+N	< 0.03% @ 8Ω 1KHz					
信噪比 S/N Ratio	>90dB	>90dB	>93dB	>93dB	>93dB	>95dB
瞬态响应 Slew Ratio	20V/μS	20V/μS	23V/μS	23V/μS	30V/μS	40V/μS
阻尼系数 Damping Factor				> 400	> 600	
串音 Crosstalk	>70dB @ 8Ω 1KHz					
输入阻抗 Input Impedance	20KΩ (Balance)/10KΩ (Unbalance)					
输入灵敏度 Input sensitivity	0.8V					
保护 Protect	过热、过载、短路、直流、软启动 Overheat, overload, short circuit, DC, soft start					
高度 Heights	2U					
尺寸 Dimensions	480x88x490mm					