

# MT series

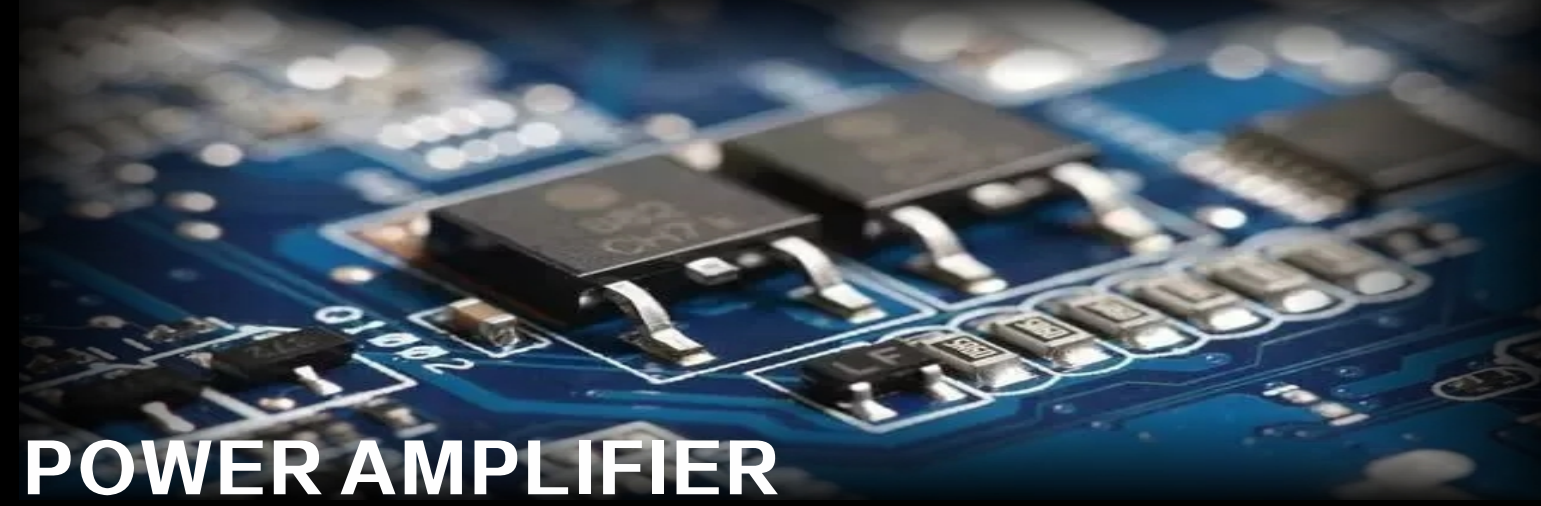
The new MT series amplifiers, paired with CAT KING audio products, make your choice simple and easy. MT amplifiers use SMD technology, which replaces up to 500 parts with a small chip. This significantly reduces parts count and increases reliability and energy efficiency while maintaining excellent performance and running smoothly. So you need to choose an audio system that you can trust to deliver the best results. MT's prices are affordable.

全新 MT 系列放大器，搭配 CAT KING 音响产品，让您的选择变得简单、轻松。MT放大器采用贴片技术，它用一个小芯片取代了多达 500 个零件。这显着减少零件数量，提高可靠性能源效率，同时保持出色的性能并平稳地运行。所以你需要选择您可以信赖的音频系统，可以提供最好的效果。MT的价格实惠。

## SPECIFICATIONS 参数

| MODEL NAME                      | 型号名称       | MT450                                                                                                                          | MT650             | MT850             | MT1000            |
|---------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|
| Stereo Power Output : RMS       | 立体声功率输出:   |                                                                                                                                |                   |                   |                   |
| 4 Ω x 2                         | 4欧姆×2      | 500 W                                                                                                                          | 650 W             | 950 W             | 1250 W            |
| 8 Ω x 2                         | 8欧姆×2      | 350 W                                                                                                                          | 450 W             | 650 W             | 850 W             |
| Bridged Mono Power Output : RMS | 桥接单声道功率输出: |                                                                                                                                |                   |                   |                   |
| 8 Ω                             | 8欧姆        | 700 W                                                                                                                          | 900 W             | 1900 W            | 2500 W            |
| Frequency Response              | 频率响应       | 20 Hz~20 KHz                                                                                                                   | 20 Hz~20 KHz      | 20 Hz~20 KHz      | 20 Hz~20 KHz      |
| Topology                        | 拓扑结构       | Class AB                                                                                                                       | Class AB          | Class AB          | 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    | 30 KΩ                                                                                                                          | 30 KΩ             | 30 KΩ             | 30 KΩ             |
| Maximum Input Level             | 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       | 33dB                                                                                                                           | 36dB              | 37dB              | 39dB              |
| Slew Rate                       | 瞬态率(转换速率)  | >30 V / us                                                                                                                     | >30 V / us        | >30 V / us        | >30 V / us        |
| Crosstalk                       | 通道隔离       | <-75 dB                                                                                                                        | <-75 dB           | <-75 dB           | <-75 dB           |
| S/N                             | 信噪比        | >100 dB                                                                                                                        | >100 dB           | >100 dB           | >100 dB           |
| Distortion (1 W)                | 失真 (1W)    | <0.05%                                                                                                                         | <0.05%            | <0.05%            | <0.05%            |
| Damping Factor                  | 阻尼系数       | >600                                                                                                                           | >600              | >600              | >600              |
| Controls:                       | 控制:        |                                                                                                                                |                   |                   |                   |
| Front panel                     | 前面板        | AC Switch, CH A and CH B Gain Knobs AC 开关、CH A 和 CH B 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 |                   |                   |                   |
| Indicators                      | 指示灯        | Power, Protect, Signal, Peak 电源、保护、信号、峰值                                                                                       |                   |                   |                   |
| Dimensions HxWxD                | 尺寸 高x宽x深   | 88 x 483 x 430 mm                                                                                                              |                   |                   |                   |
| Net Weight Kg/lbs               | 净重 公斤/磅    | 11 / 24.25                                                                                                                     | 13 / 28.66        | 19 / 41.88        | 22 / 48.50        |
| Gross Weight Kg/lbs             | 总重量 公斤/磅   | 13 / 27.5                                                                                                                      | 14.5 / 31.9       | 22 / 49.60        | 25 / 56.22        |

\* 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

MT are high-performance, versatile 2U power amplifiers for install applications, using sophisticated Class-H topology for two single-channel outputs, two parallel outputs, or a single-channel bridge operativity. High quality, low distortion audio output, flawless reliability and safety, industry-standard speakON connectors, and binding post terminals make MT Series electronics the workhorse solution for mobile sound systems and permanent installation applications.

MT是适用于安装应用的高性能、多功能 2U 功率放大器，使用复杂的 H 类拓扑来实现两个单通道输出、两个并行输出或单通道桥操作。高品质、低失真音频输出、完美的可靠性和安全性、行业标准的 talkON 连接器和接线柱端子使MT 系列电子产品成为移动音响系统和永久安装应用的主力解决方案。

## FEATURE 特性

- Using 2U 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

## Simple and practical

MT is a professional grade power amplifier series designed for commercial and installed sound applications, with minimal front panel controls and controls on the back of the amplifier.

## 简单而实用

MT是一款专业级功率放大器系列，专为商业和安装的声音应用，最少的前面板控制和放大器背面的控件。



- 2U 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

