

MA SERIES

The best power amp we've ever built. The MA Series is designed to deliver unmatched efficiency, and the cleanest, most reliable performance possible.



MA 500.8
MA 500.4
MA 250.8
MA 250.4

The MA Series represents a new pinnacle in power amps. We can proudly and confidently state that the MA Series is the best amplifier that we've ever built (and perhaps that anyone has ever built).

Ashly's proprietary D-MAX™ technology (first implemented in the CA Series) takes Class D performance and efficiency to a whole new level. By starting with a clean slate, our engineers were able to throw away the old rule book and apply cutting-edge design practices and state-of-the-art components to achieve something truly unique.



DATA SHEET
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MA Series

Ultra-High Efficiency Power Amplifiers



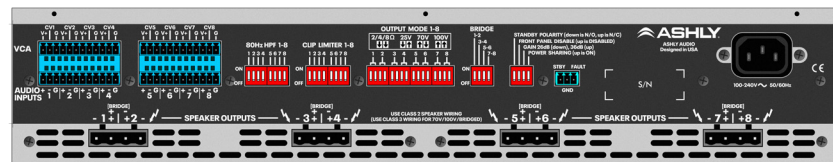
The MA Series delivers unprecedented performance with unique Intelligent Power Sharing capabilities and proprietary Ultra High-Efficiency design. Add flexible Multi-mode operation (selectable per channel) and the MA is near impossible to beat.

MA Series are available in 4 x 250W, 8 x 250W, 4 x 500W and 8 x 500W models.

- ✔ Intelligent Power-Sharing
- ✔ Ultra High-Efficiency
- ✔ Selectable Multi-Mode Output



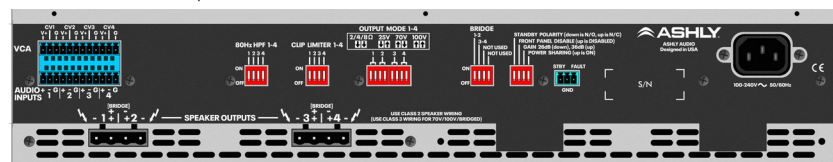
MA 500.8 / MA 250.8 front panel



MA 500.8 / MA 250.8 back panel



MA 500.4 / MA 250.4 front panel



MA 500.4 / MA 250.4 back panel

AI Power Sharing

Advanced intelligent power sharing dynamically distributes power to channels where needed and adapts to varying conditions.

Power Sharing, the feature that allows the amplifier to balance power between channels to match asymmetrical speaker loads, has become a highly demanded feature in recent years - That can prove useful when designing systems. The MA Series advanced AI-based Power Sharing picks up where other amplifiers leave off by intelligently and automatically adapting to your varying power demands.

Ultra-High Efficiency

Ultra-High Efficiency means more power with less power consumption.

The MA Series is by far the most efficient amp we've built and tested thus far. The pay-off is less heat, lower noise and distortion, more stable operation, and greater reliability. You can operate as many as any three MA amps on a single 20A service! The MAs run so cool, that bulky heat sinks found in most other amplifiers are no longer required. Instead, we were able to optimize active air cooling using our newly developed SailFlow™ design, which moves the air along a selective path, to where it's needed most. Coupled with our new Ashly-engineered ultra-high-speed switching power-supply, the use of high-speed, lossless Silicon-Carbide switches and intelligent power management, the end-result is nothing short of stunning.

Multi-Mode Operation

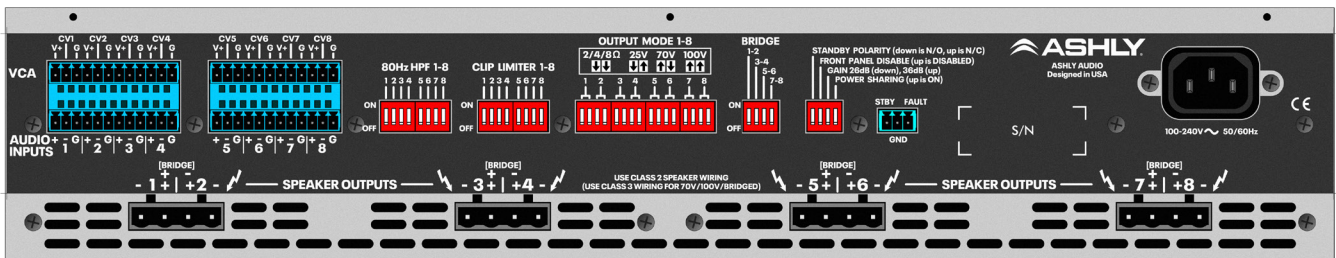
Multi-Mode Operation provides total flexibility.

With selectable Multi-mode operation, the MA Series fits a wider range of applications than most other amplifiers. In multi-zone, multi-use configurations, the MA is truly unbeatable. Taken individually or in bridged mode, MAs can supply from 250W to 1,000W for a single channel (even more when power sharing is engaged) in low Z (2, 4 & 8 Ohms) or constant voltage (25/70 or 100V) which can be selected per channel. MA amps are designed to excel in performance installations, such as theaters, school auditoriums and Houses of Worship. Power-hungry sub-woofers? No problem. You can also select 25, 70 & 100V operation. MA also has more integration-friendly features than you'd typically find on many amplifiers, and with 4 and 8-channel models to choose from they are also right at home in the most demanding multi-zone commercial installations.

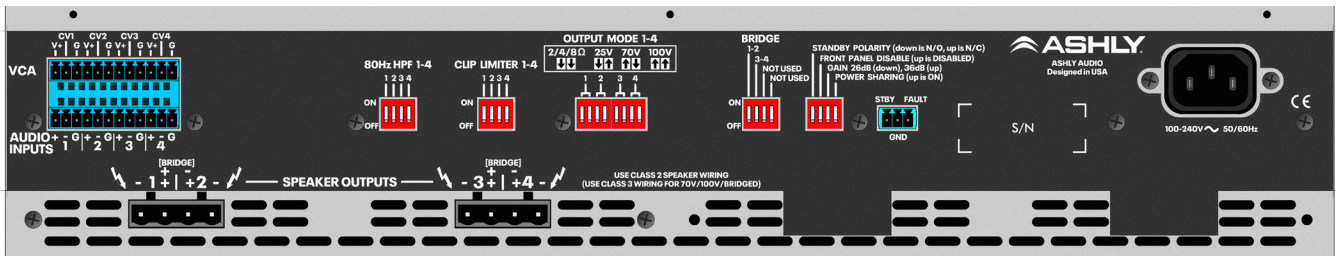
MA Series

Model	MA-250.4	MA-250.8	MA-500.4	MA-500.8
2 Ohms	250W	250W	500W	500W
4 Ohms	250W	250W	500W	500W
8 Ohms	250W	250W	500W	500W
Bridged	500W	500W	1000W	1000W
100V	250W	250W	500W	500W
70V	250W	250W	500W	500W
25V	250W	250W	300W	300W
Power Sharing*	Up to 500W/Ch	Up to 500W/Ch	Up to 1,000W/Ch	Up to 1,000W/Ch
Multi-Mode	Selectable	Selectable	Selectable	Selectable

*Works across groups of 4 channels and also with bridged pairs.



MA 500.8 / MA 250.8 back panel



MA 500.84/MA 250.4 back panel

MA SERIES ARCHITECT & ENGINEERING SPECIFICATIONS are available in the **DOWNLOADS** section of <https://ashly.com/>

USER MANUAL

SCAN ME

Or download the complete User Manual at <https://ashly.com/>

MA SERIES 2D AUTOCAD FILES are available in the **DOWNLOADS** section of <https://ashly.com/>