

Press Release
July 2002
Marchand Electronics
New Product



MB401 Monoblock MOSFET Audio Power Amplifier

300 Watt RMS into 8 Ohm.
400 Watt RMS into 4 Ohm.
All MOSFET design.
High Current Capability.
Stable with ANY load.

Better than 0.02% distortion at 1 KHz.
Balanced and Single Ended Inputs
Heavy duty toroidal power transformer
Thermal overload protection
Current overload protection

The MB401 MOSFET power amplifier is rated at 300WRMS continuous operation. The amplifier has both a balanced (XLR) and single-ended (RCA) input. The output uses heavy duty 5-way binding posts. The power supply uses a heavy duty 500 VA toroidal power transformer and large capacitors, totalling 85,000 uF. The MB401 construction is very rugged. It is housed in a strong aluminum chassis. A large heatsink on the rear of the cabinet dissipates the heat generated by the amplifier. A thermal cutout mounted on the heatsink shuts the amplifier off in case it gets too hot.

The MB401 is available in two versions: class A and class AB. The normal version is class AB and this version provides the highest amount of power. The class A version delivers less harmonic distortion, but the maximum output power is limited to 40WRMS. Manufacturers warranty is 3-year parts and labor. Available directly from factory or through dealers.

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Electronic materials: MB401pr.pdf and MB401.jpg can be downloaded from www.marchandelec.com/press/press.htm