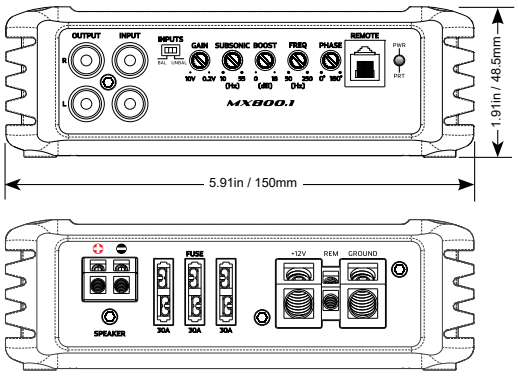
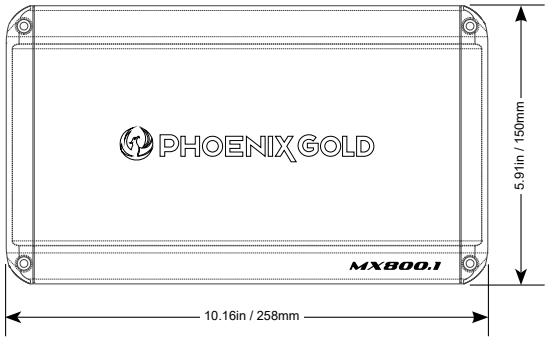
MX800.1

MX series

CLASS D MONOBLOCK AMPLIFIER





FEATURES:

- Class-D Topology
- Small Footprint Chassis Design
- Robust Unregulated Power Supplies
- Flush Mount Remote Bass Controller Included
- Audio Precision® Quality Control Verification
- Balanced/Unbalanced Inputs
- Direct Insert Power and Speaker Terminals

Phoenix Gold is excited to introduce the series everyone has been asking for. A sub-compact series of amplifiers engineered for vehicles where space is at a premium, like trucks, jeeps and sports cars. The MX series of amplifiers proves that amazing things do come in small packages. Designed to fit, without compromising power and sound quality. These full-featured Class D amplifiers are available in 3 configurations (monoblock, 4-channel and 5-channel) ranging from 600-800 watts each, to address any system requirements and power needs. Power is achieved with robust unregulated power supplies ensuring you have the ability to have dynamic power on demand while still giving you the sound quality you expect from Phoenix Gold.

ATTENTION

External Fusing Required
We recommend external fusing of each individual amplifier to the value stated below:

External Fuse Value
MX800.1 - 80A

UNIT	SPEC	TESTED
Operating Voltage		
Min VDC	8v	8.6v
Max VDC	16v	16.9v
Frequency Response		
HZ +/- 3dB	15-250Hz	15-250Hz
Rated Output @ 12.6v		
4 Ohm	350	352
2 Ohm	520	528
1 Ohm	800	823
Output @ 14.4v		
4 Ohm	350	367
2 Ohm	520	542
1 Ohm	800	852
Max THD + N @ Rated Power 14.4v		
4 Ohm (%)	>1.0	0.05
Max Current		
1 Ohm (A)	N/A	78.9A
Idle Current		
Measured (A)	>1	.6A

UNIT	SPEC	TESTED
Input Sensitivity		
Min mV	207	188
Max V	10	9.8
Input Impedance		
Measured Ω	20K	19.05K
Signal to Noise Ratio -CEA		
Measured dB	>90	79.5
Signal to Noise Ratio -Rated Wrms		
Measured dB	>95	104.2
Turn On Delay		
Seconds	2	2.2
Damping Factor		
Measured Ratio	>200	>200
Crossover(s)		
HP 12dB	N/A	N/A
LP 12dB	50-250Hz	50-250Hz
Boost/EQ @ 40Hz	0-18dB	0-18dB
Subsonic	10-55Hz	10-55Hz
Phase Control		
Phase Range	0°-180°	0°-180°

** TESTED specs using Unbalanced Inputs*