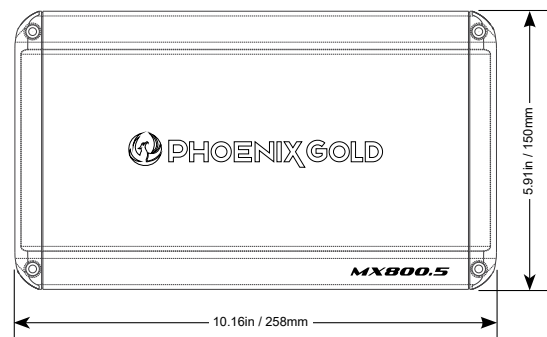
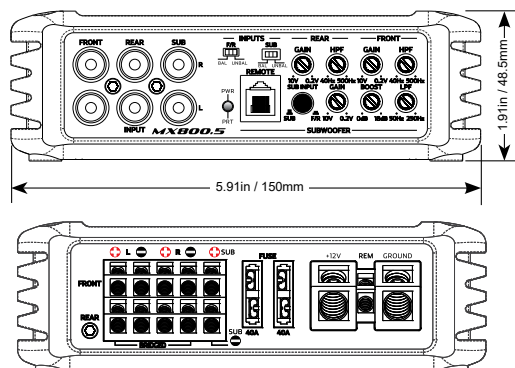




# MX800.5

MX  
series

## 5 CHANNEL CLASS D FULL RANGE 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**  
MX800.5 - 70A

UNIT	SPEC	TESTED
Operating Voltage		
Min VDC	8v	8.75v
Max VDC	16v	18v
Frequency Response		
HZ +/- 3dB	10-40K	10-40K
Rated Output @ 12.6v		
4 Ohm / CH 1-4	70	70
2 Ohm / CH 1-4	100	102
4 Ohm / CH 5	300	302
2 Ohm / CH 5	400	406
Output @ 14.4v		
4 Ohm / CH 1-4	70	75
2 Ohm / CH 1-4	100	111
4 Ohm / CH 5	300	319
2 Ohm / CH 5	400	424
Max THD + N @ Rated Power 14.4v		
4 Ohm (%)	>1.0	0.09
Max Current		
2 Ohm (A)	N/A	61.2A
Idle Current		
Measured (A)	>1	1

UNIT	SPEC	TESTED
Input Sensitivity		
Min mV	207	221
Max V	10	9.7
Input Impedance		
Measured $\Omega$	20K	19.80K
Signal to Noise Ratio -CEA		
Measured dB	>80	80.8
Signal to Noise Ratio -Rated Wrms		
Measured dB	>95	105
Turn On Delay		
Seconds	2	2.1
Damping Factor		
Measured Ratio	>200	>200
Crossover(s)		
HP 12dB	10-50Hz	10-50Hz
LP 12dB	40-240Hz	40-240Hz
Boost/EQ @ 40Hz	0-18dB	0-18dB
Subsonic	N/A	N/A
Phase Control		
Phase Range	N/A	N/A

\* TESTED specs using Unbalanced Inputs