

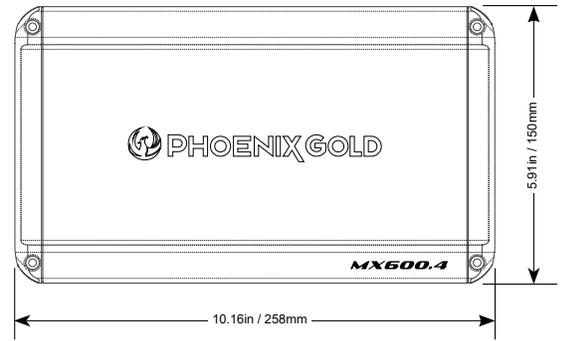
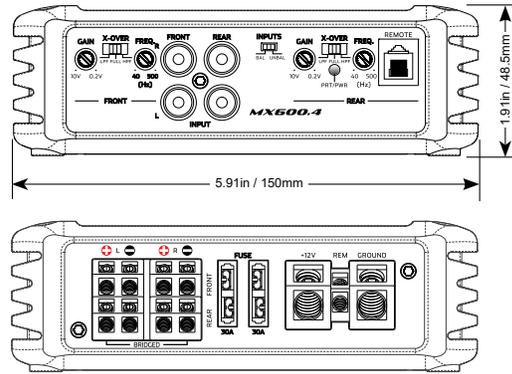


**PHOENIX  
GOLD**

# MX600.4

**MX**  
series

## 4 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**  
 MX600.4 - 50A

UNIT	SPEC	TESTED
<b>Operating Voltage</b>		
Min VDC	8v	8.5v
Max VDC	16v	17v
<b>Frequency Response</b>		
HZ +/- 3dB	10-40k	10-40k
<b>Rated Output @ 12.6v</b>		
4 Ohm	100	107
2 Ohm	150	155
4 Ohm Bridged	200	207
<b>Output @ 14.4v</b>		
4 Ohm	100	127
2 Ohm	150	182
4 Ohm Bridged	200	243
<b>Max THD + N @ Rated Power 14.4v</b>		
4 Ohm (%)	>1.0	0.09
<b>Max Current</b>		
2 Ohm (A)	N/A	58.5A
<b>Idle Current</b>		
Measured (A)	>1	1.0A

UNIT	SPEC	TESTED
<b>Input Sensitivity</b>		
Min mV	207	258
Max V	10	9.9
<b>Input Impedance</b>		
Measured $\Omega$	20K	19.8K
<b>Signal to Noise Ratio -CEA</b>		
Measured dB	>80	80.9
<b>Signal to Noise Ratio -Rated Wrms</b>		
Measured dB	>95	101.9
<b>Turn On Delay</b>		
Seconds	2	2.1
<b>Damping Factor</b>		
Measured Ratio	>200	>200
<b>Crossover(s)</b>		
HP 12dB	40-500Hz	40-500Hz
LP 12dB	40-500Hz	40-500Hz
Boost/EQ @ 40Hz	N/A	N/A
Subsonic	N/A	N/A
<b>Phase Control</b>		
Phase Range	N/A	N/A

\* TESTED specs using Unbalanced Inputs