



48KXMA800.4

4x200 Watt Class D Full Range Amplifier; RoHS Compliant

Specifications

Electrical Parameters		
Power (@14.4V, <1%THD+N)	4Ω Stereo	100W x 4
Power (@14.4V, <1%THD+N)	2Ω Stereo	200W x 4
Power (@14.4V, <1%THD+N)	4Ω Bridged	400W x 2
Dynamic Power (@14.4V, <10%THD+N)	4Ω Bridged	1100W
Lowest Rated Impedance		2Ω Stereo / 4Ω Bridged
Signal to Noise Ratio (CEA)	1W	>-75dB
Signal to Noise Ratio	Rated Power	>-95dB
Channel Separation (Rated Power)	1000Hz	>55dB
CMRR	1000Hz	-40dB
Input Impedance		>20kΩ
Frequency Response		10Hz - 20kHz
Variable HiPass Filter (Amp 1)	24dB / Octave BW	10Hz - 5kHz (10X Switch)
Variable LoPass Filter (Amp 1)	24dB / Octave BW	10Hz - 5kHz (10X Switch)
Variable HiPass Filter (Amp 2)	24dB / Octave BW	10Hz - 500Hz
Variable LoPass Filter (Amp 2)	24dB / Octave BW	40Hz - 5kHz (10X Switch)
Variable BandPass Filter (Amp 2)	24dB / Octave BW	10Hz - 5kHz (10X Switch)
KickEQ™ Variable Bass Boost (Amp 2)	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<100A
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		250mV - 10V
Under Voltage Protection		10V (warning at 10.5V)
Over Voltage Protection		16V

What's in the box?

48KXMA800.4

KXMA Stereo Customer Information Card

KICKER® Power Chart

Birth Certificate

Hardware Pack - 3mm hex key, stainless steel mounting hardware, & RCA covers

Physical Materials

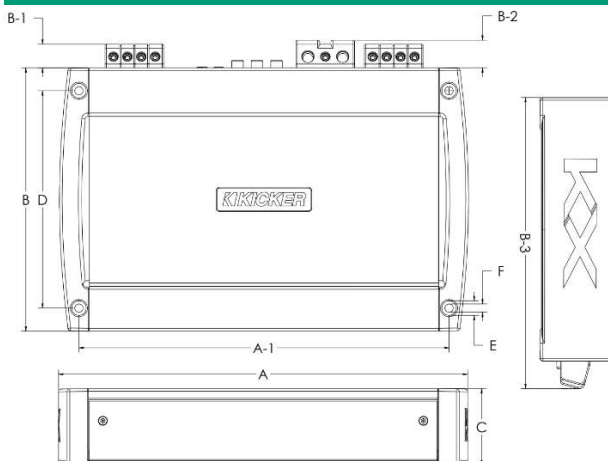
Heat Sink	UV Treated Anodized Extruded Aluminum
End Caps	Painted Injection Molded ABS Plastic
Bottom Panel	Powdercoated Aluminum



Features

- KICKER Real Marine™ Designed for Marine Environments
- Conformal Coated Printed Circuit Board
- ABYC/NMMA-Compliant Power Terminals
- UV Treated Aluminum Chassis
- LED Illuminated Gain Knobs with Clip Indicator
- KickEQ™ Bass Boost for Additional Low Frequencies
- FIT™ Differential Inputs - Near Universal Compatibility with Source Units

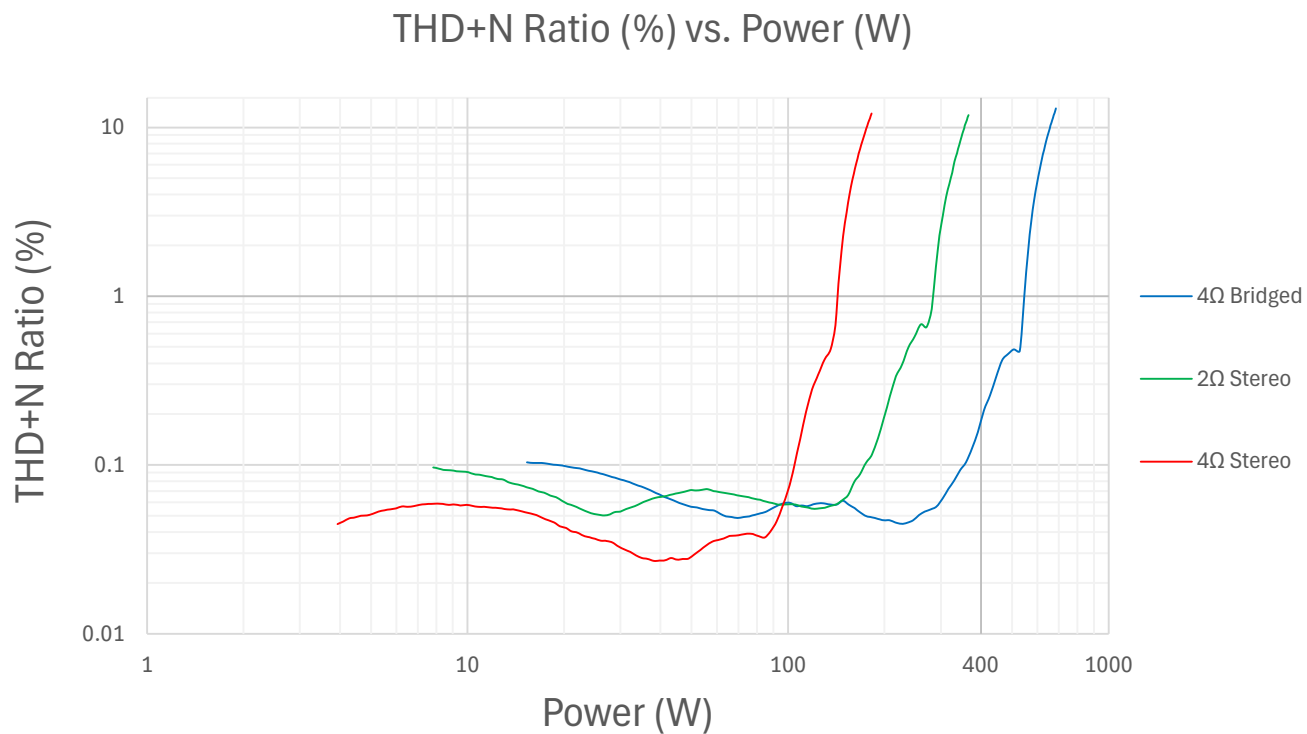
Unit Dimensions



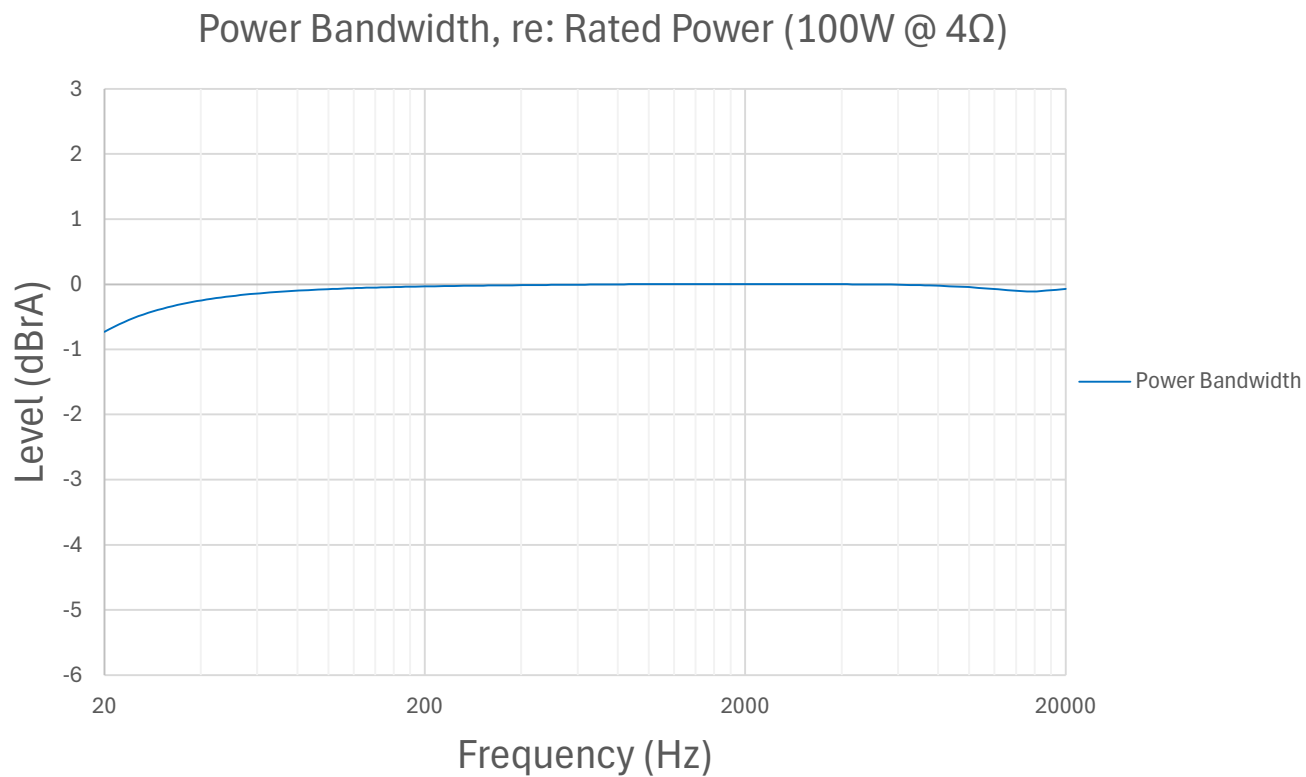
A - Overall Length	11-9/16"	294.0mm
A-1 - Mounting Holes Location - Length	10-7/16"	265.5mm
B - Chassis Width	7-7/16"	189.0mm
B-1 - Speaker Terminals Length	21/32"	16.9mm
B-2 - Power Terminals Length	25/32"	19.8mm
B-3 - Overall Width	8-15/16"	210.0mm
C - Overall Height	2-1/8"	55.0mm
D - Mounting Holes Location - Width	6-5/32"	156.0mm
E - Maximum Fastener Head Diameter	13/32"	10.5mm
F - Mounting Through Hole Diameter	1/4"	6.0mm

Technical Graph Data

AMP1 and AMP2 - THD+N vs. Power (W) @14.4VDC

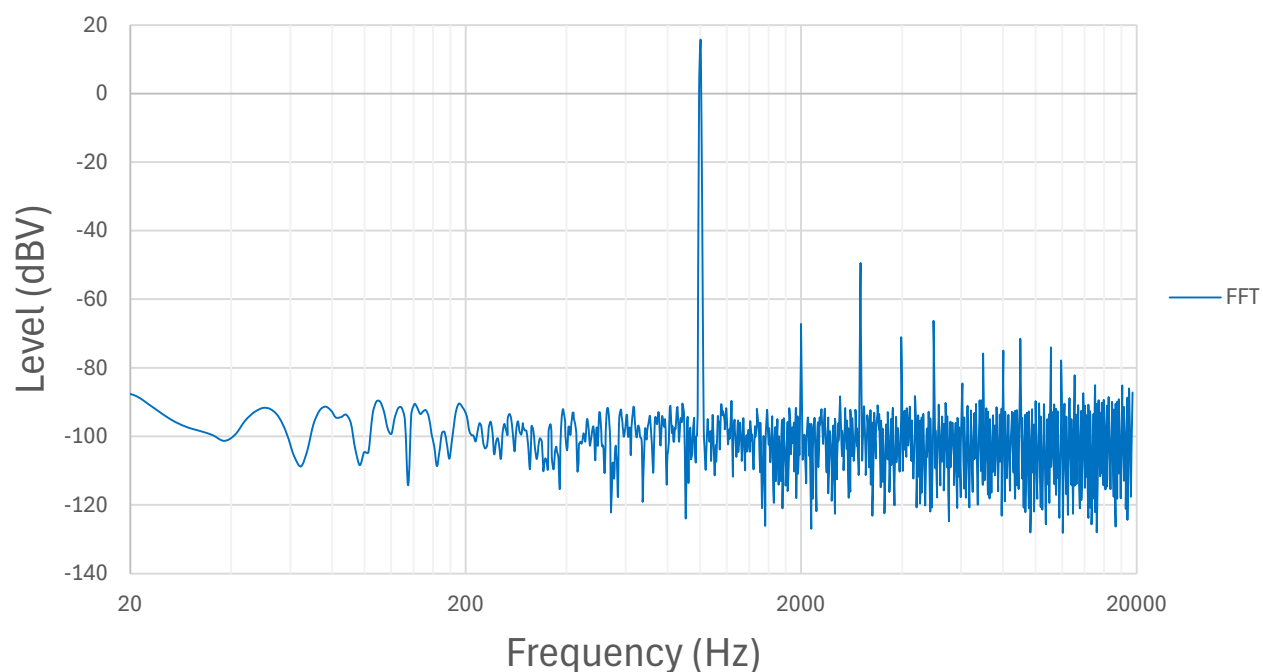


AMP1 and AMP2 - Power Bandwidth (4Ω) @14.4VDC



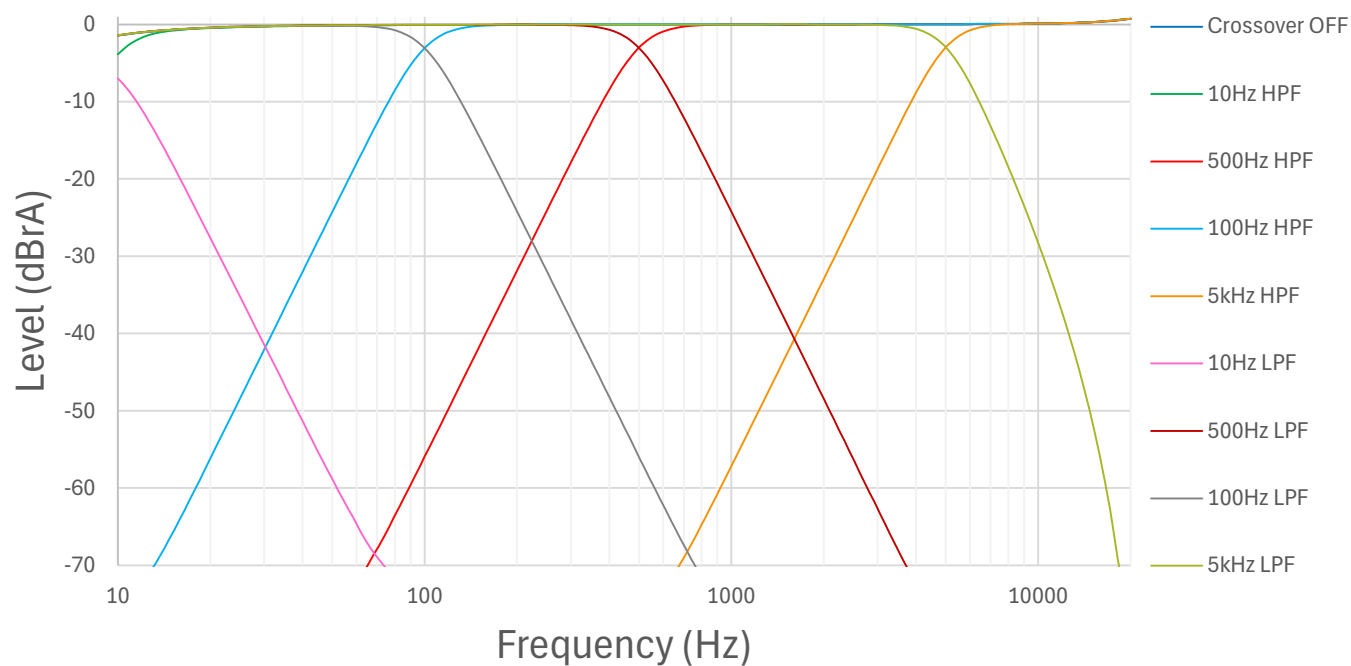
AMP1 and AMP2 - FFT

FFT (1kHz Signal)

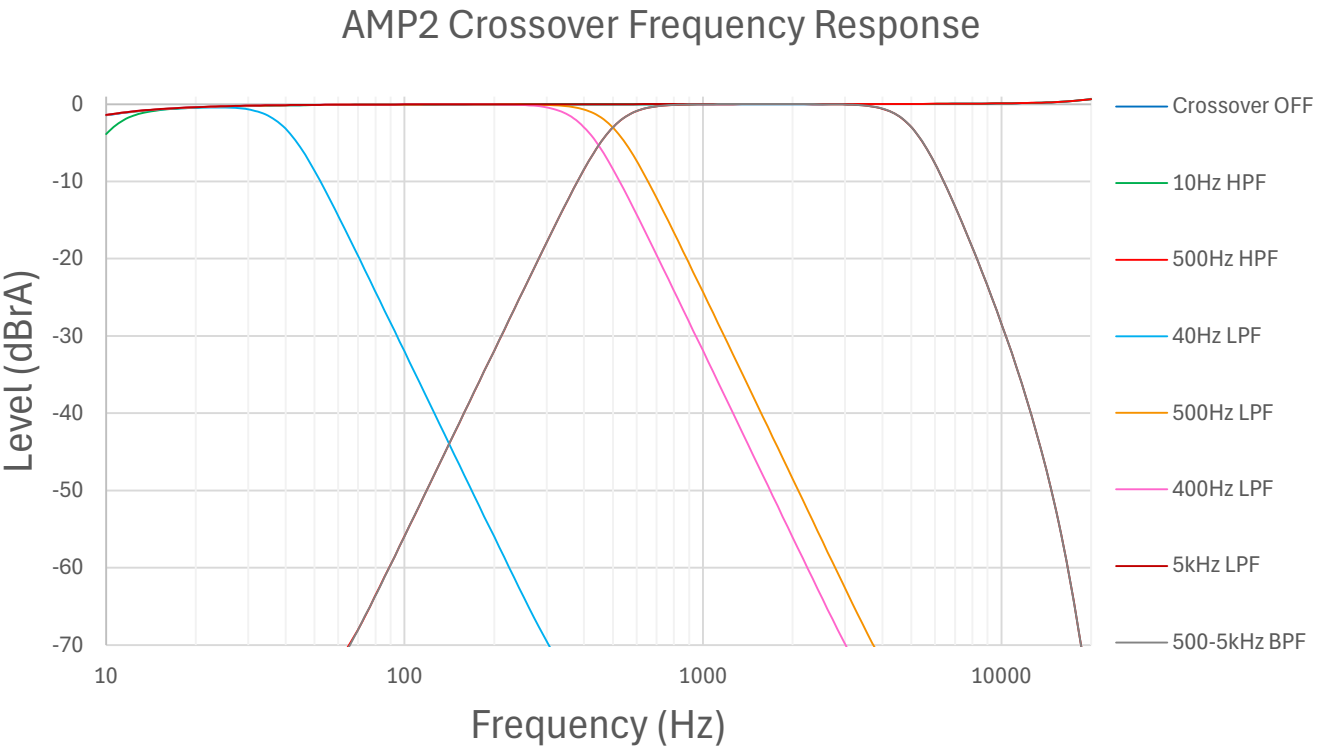


AMP1 Crossover Frequency Response

AMP1 Crossover Frequency Response



AMP2 Crossover Frequency Response



KickEQ™

