



48KMA150.2

2x75W 2-Ch Weather-Resistant Full-Range Amp; RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω Stereo	40W x 2
Power (@14.4V, <1%THD+N)	2Ω Stereo	75W x 2
Power (@14.4V, <1%THD+N)	4Ω Bridged	150W x 1
Dynamic Power (@14.4V, <10%THD+N)	4Ω Bridged	190W
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	12dB / Octave BW	50Hz - 200Hz
Variable LoPass Filter	12dB / Octave BW	50Hz - 200Hz
KickEQ™ Variable Bass Boost	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<40A
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		250mV - 10V
Under Voltage Protection		10V
Over Voltage Protection		16V

What's in the box?

48KMA150.2

KICKER® Power Chart

Birth Certificate

KMA Multichannel Customer Information Card

Hardware Pack - Stainless-Steel Mounting Hardware

Physical Materials

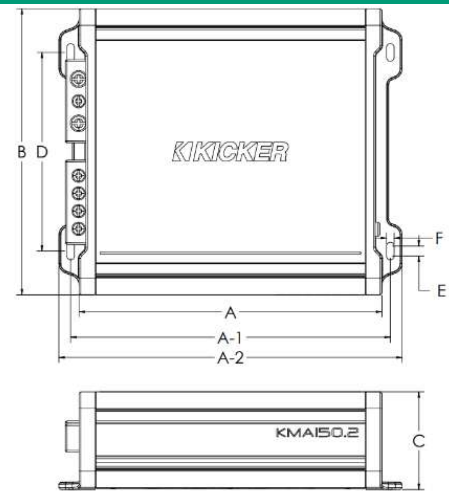
Heat Sink	UV Treated Anodized Extruded Aluminum
End Plate	Powder Coated Stamped Aluminum
End Plate Trim	Painted Injection Molded ABS Plastic
Bottom Plate	Powder Coated Stamped Aluminum



Features

- KICKER Real Marine™ Designed for Marine Environments
- Variable Active Crossover for Ideal Speaker Matching
- KickEQ™ Bass Boost for Additional Low Frequencies
- Conformal Coated Printed Circuit Board
- UV Treated Aluminum Chassis
- ABYC/NMMA - Compliant Power Terminals

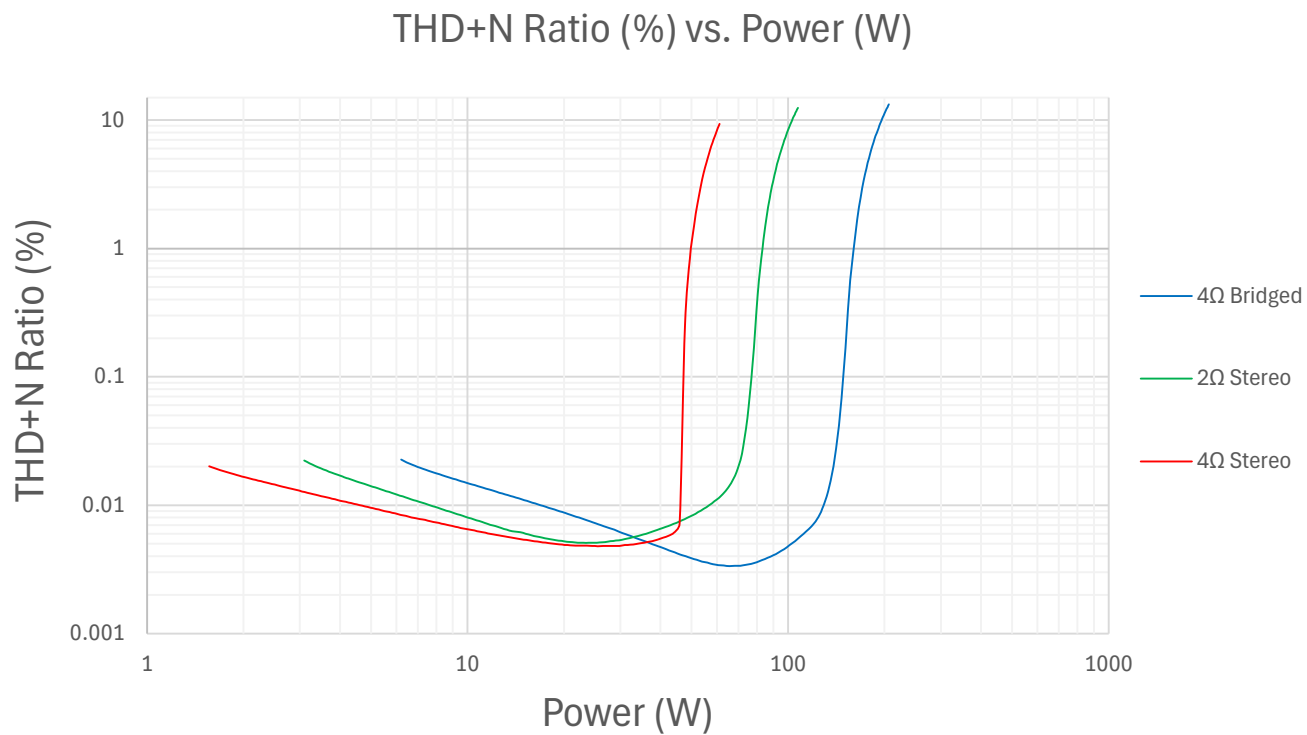
Unit Dimensions



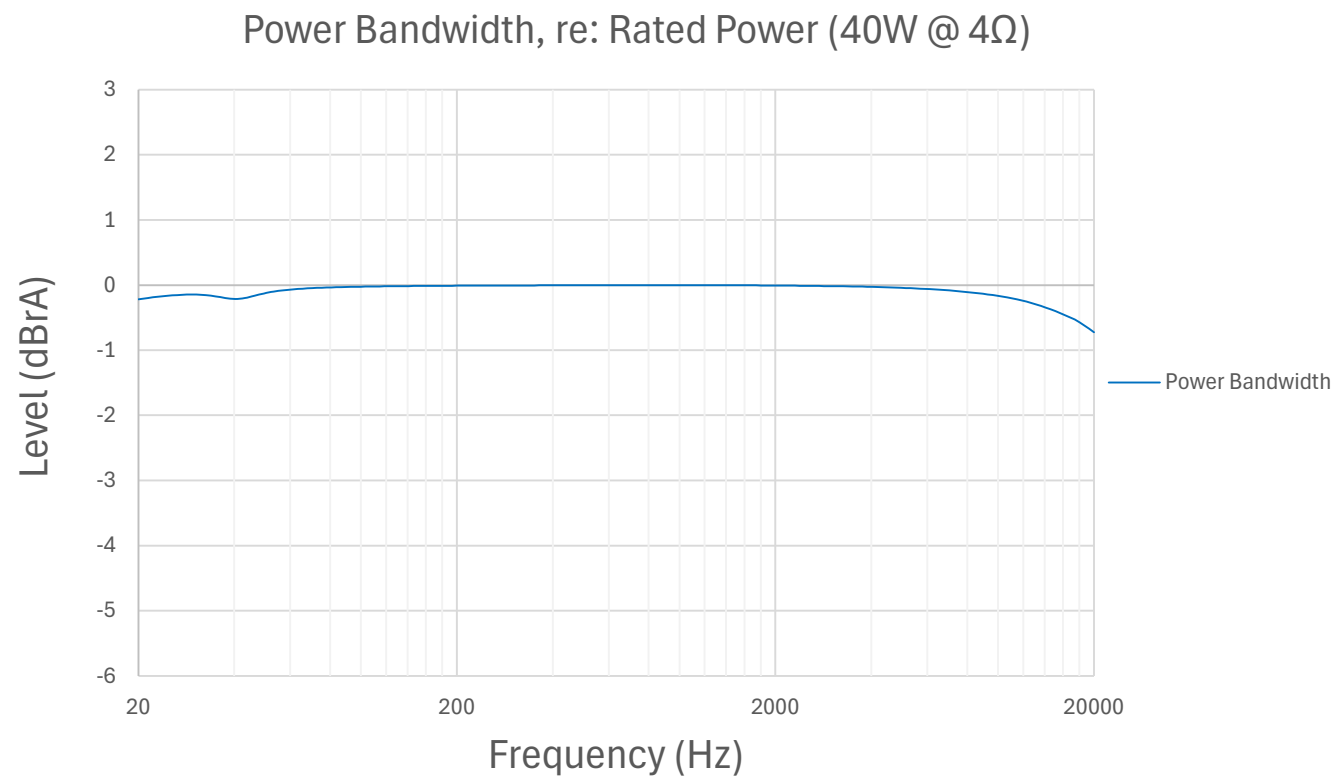
A - Chassis Length	7-3/32"	180.0mm
A-1 - Mounting Holes Location - Length	7-15/32"	190.0mm
A-2 - Overall Length	8-1/32"	204.0mm
B - Overall Width	6-11/16"	170.0mm
C - Overall Height	2-9/32"	58.0mm
D - Mounting Holes Location - Width	4-21/32"	118.0mm
E - Mounting Hole Width	1/4"	6.0mm
F - Mounting Hole Diameter	3/16"	4.5mm

Technical Graph Data

THD+N vs. Power (W) @14.4VDC

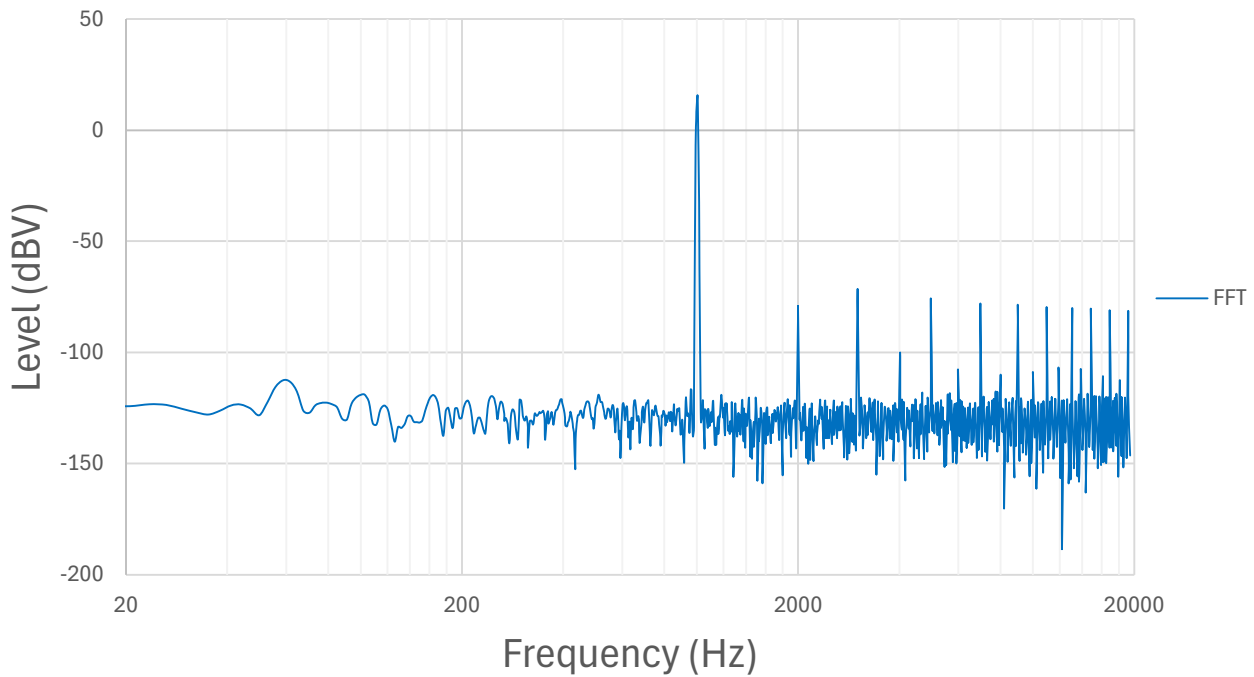


Power Bandwidth (4Ω) @14.4VDC



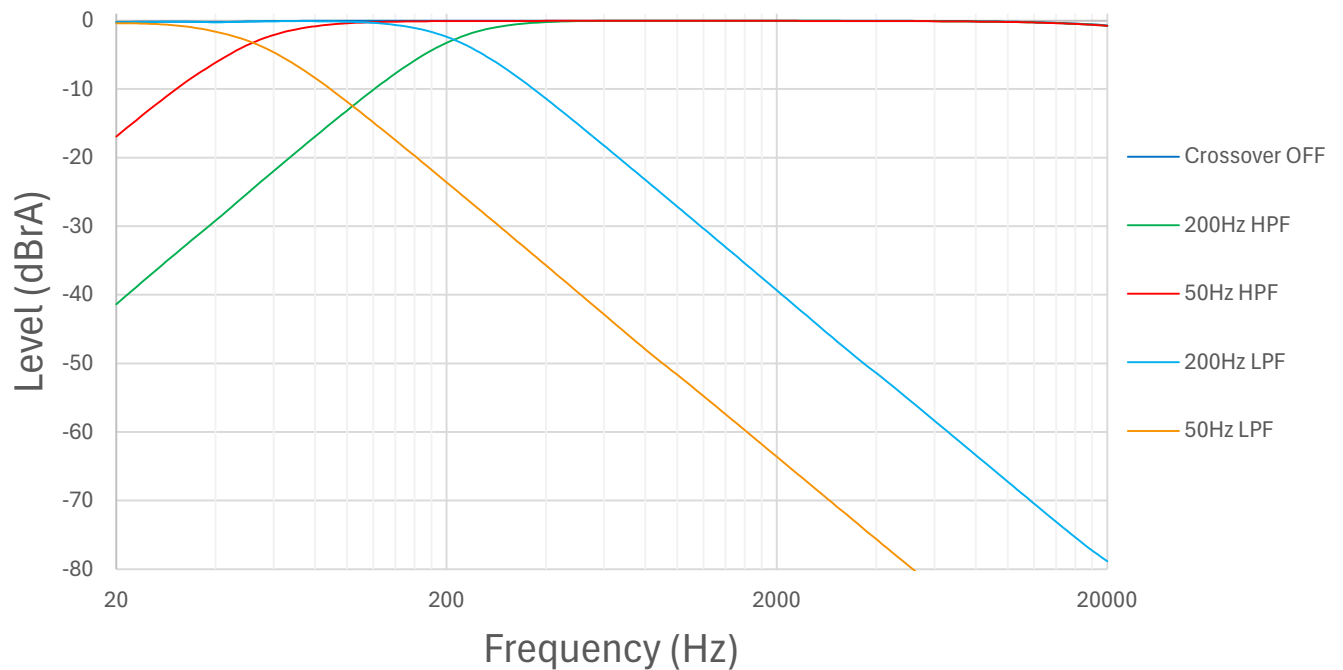
FFT

FFT (1kHz Signal)

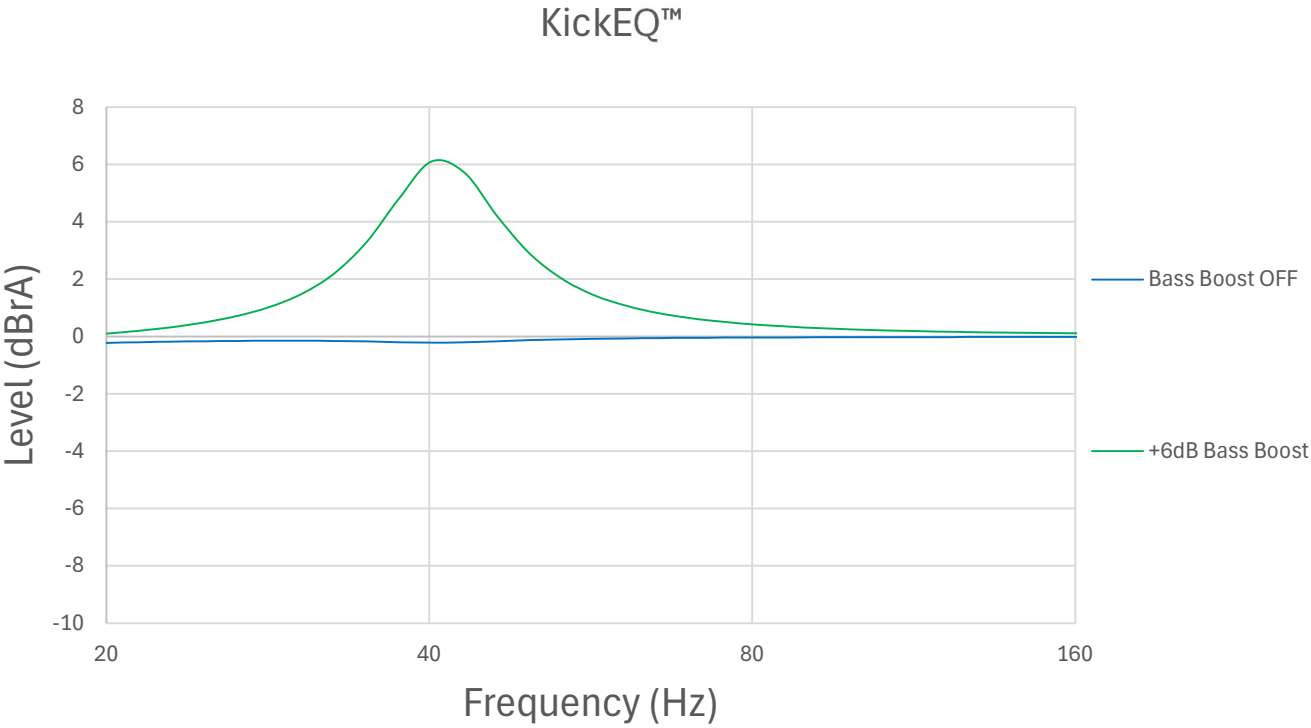


Crossover Frequency Response

Crossover Frequency Response



KickEQ™





48KMA360.4

4x90W 4-Ch Weather-Resistant Full-Range Amp; RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω Stereo	65W x 4
Power (@14.4V, <1%THD+N)	2Ω Stereo	90W x 4
Power (@14.4V, <1%THD+N)	4Ω Bridged	180W x 2
Dynamic Power (@14.4V, <10%THD+N)	4Ω Bridged	500W
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 & 2)	12dB / Octave BW	50Hz - 200Hz
Variable LoPass Filter (Amp 1 & 2)	12dB / Octave BW	50Hz - 200Hz
KickEQ™ Variable Bass Boost	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<60A
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		250mV - 10V
Under Voltage Protection		10V
Over Voltage Protection		16V

What's in the box?

48KMA360.4

KICKER® Power Chart

Birth Certificate

KMA Multichannel Customer Information Card

Hardware Pack - Stainless-Steel Mounting Hardware

Physical Materials

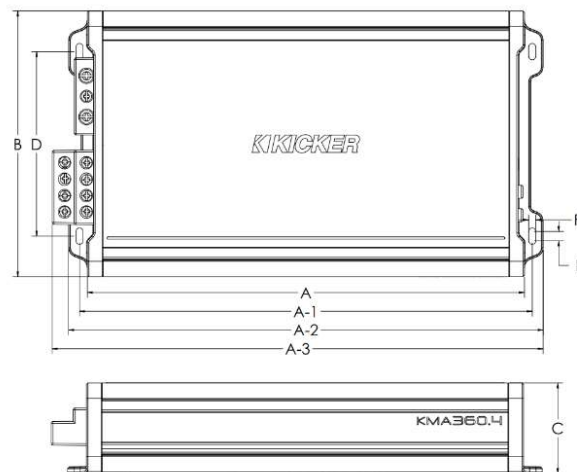
Heat Sink	UV Treated Anodized Extruded Aluminum
End Plate	Powder Coated Stamped Aluminum
End Plate Trim	Painted Injection Molded ABS Plastic
Bottom Plate	Powder Coated Stamped Aluminum



Features

- KICKER Real Marine™ Designed for Marine Environments
- Variable Active Crossover for Ideal Speaker Matching
- KickEQ™ Bass Boost for Additional Low Frequencies
- Conformal Coated Printed Circuit Board
- UV Treated Aluminum Chassis
- ABYC/NMMA - Compliant Power Terminals

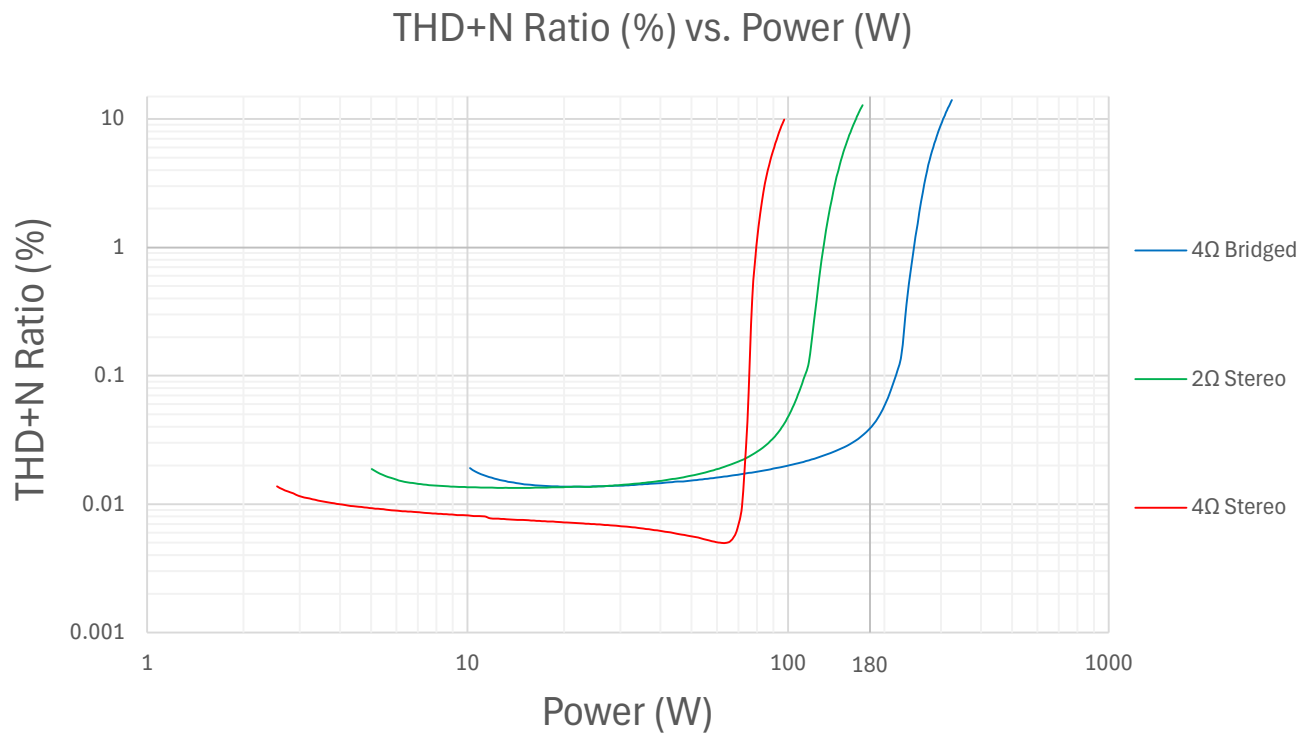
Unit Dimensions



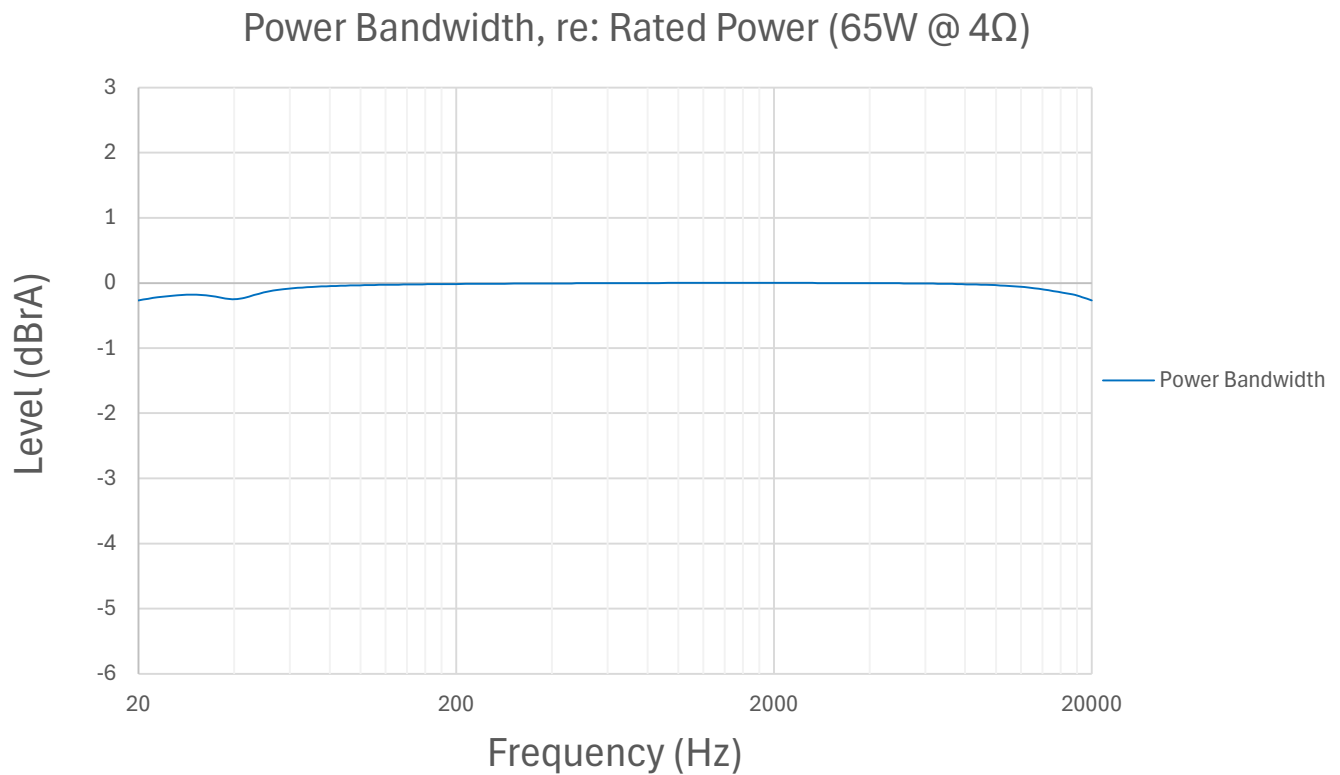
A - Chassis Length	11-1/32"	280.0mm
A-1 - Mounting Holes Location - Length	11-13/32"	290.0mm
A-2 - Mount to Mount Total Length	11-31/32"	304.0mm
A-3 - Overall Length	12-3/8"	314.5mm
B - Overall Width	6-11/16"	170.0mm
C - Overall Height	2-9/32"	58.0mm
D - Mounting Holes Location - Width	4-21/32"	128.0mm
E - Mounting Holes Diameter	1/4"	6.0mm
F - Mounting Holes Width	3/16"	4.5mm

Technical Graph Data

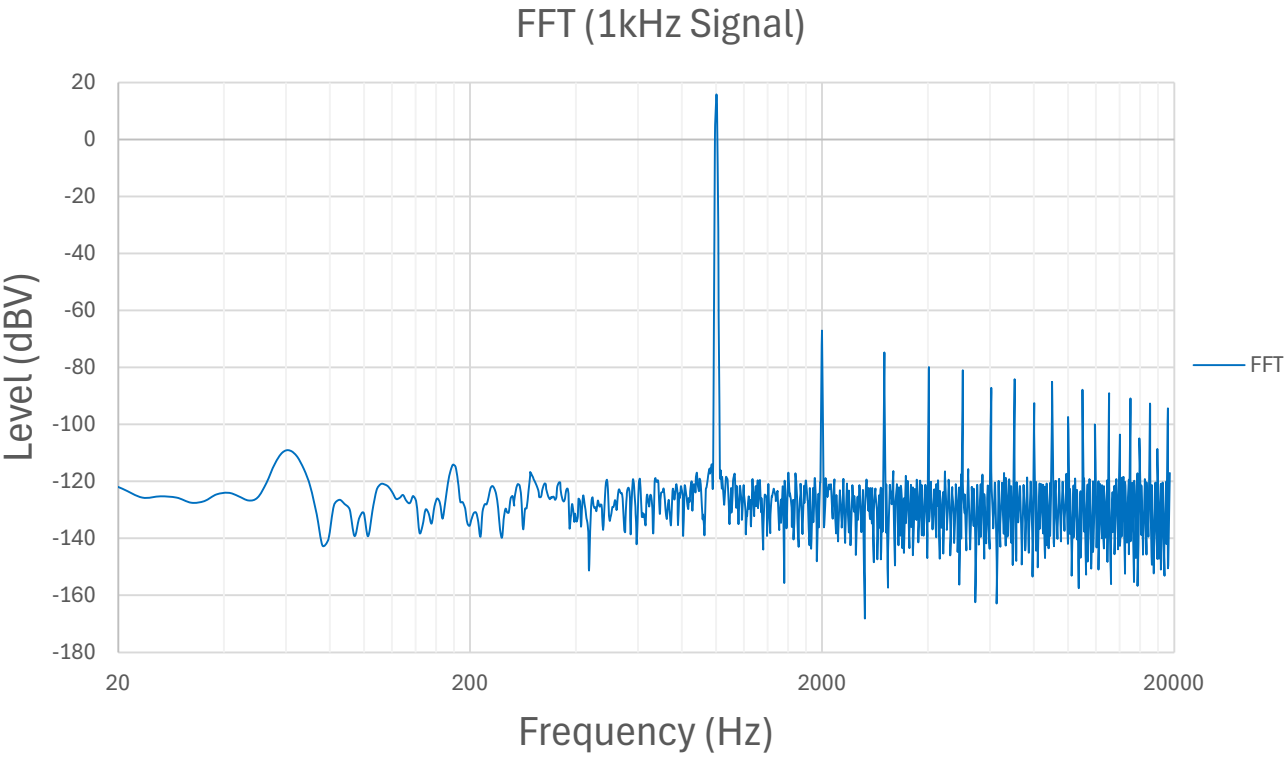
AMP1 and AMP2 - THD+N vs. Power (W) @14.4VDC



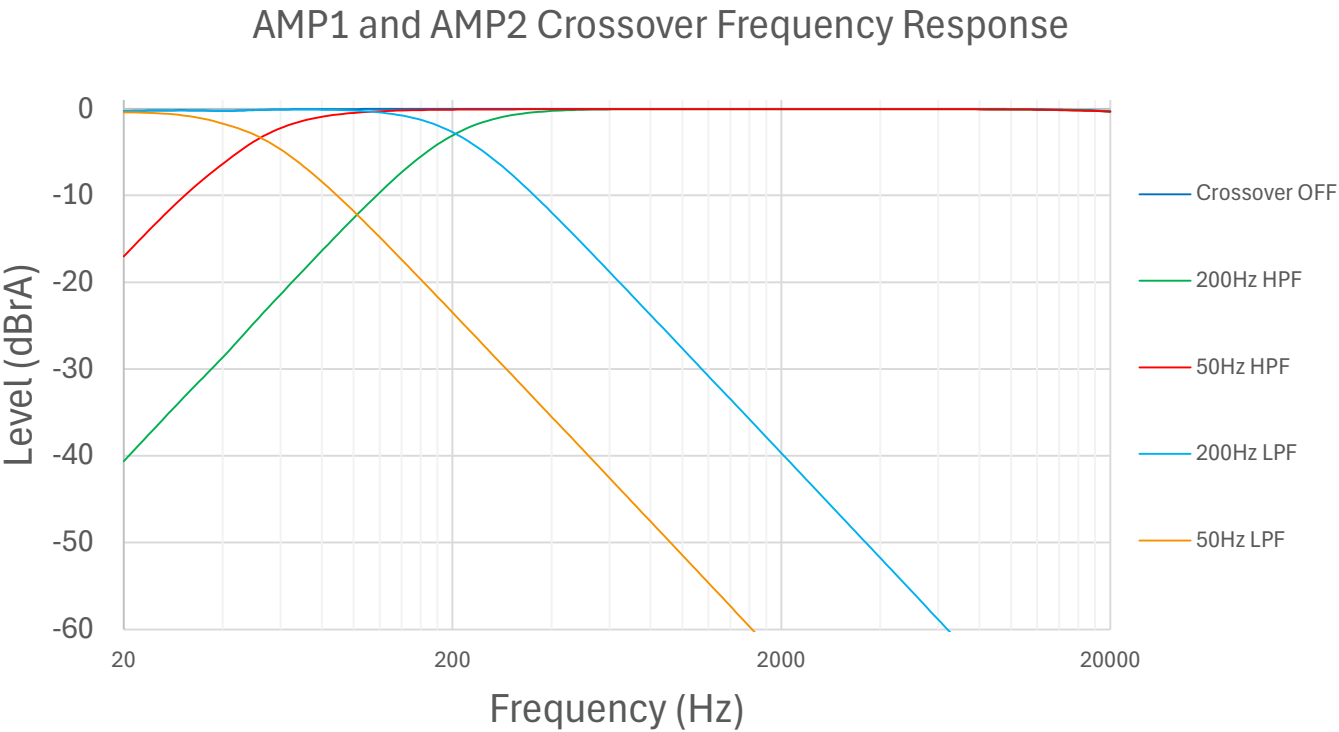
AMP1 and AMP2 - Power Bandwidth (4Ω) @14.4VDC

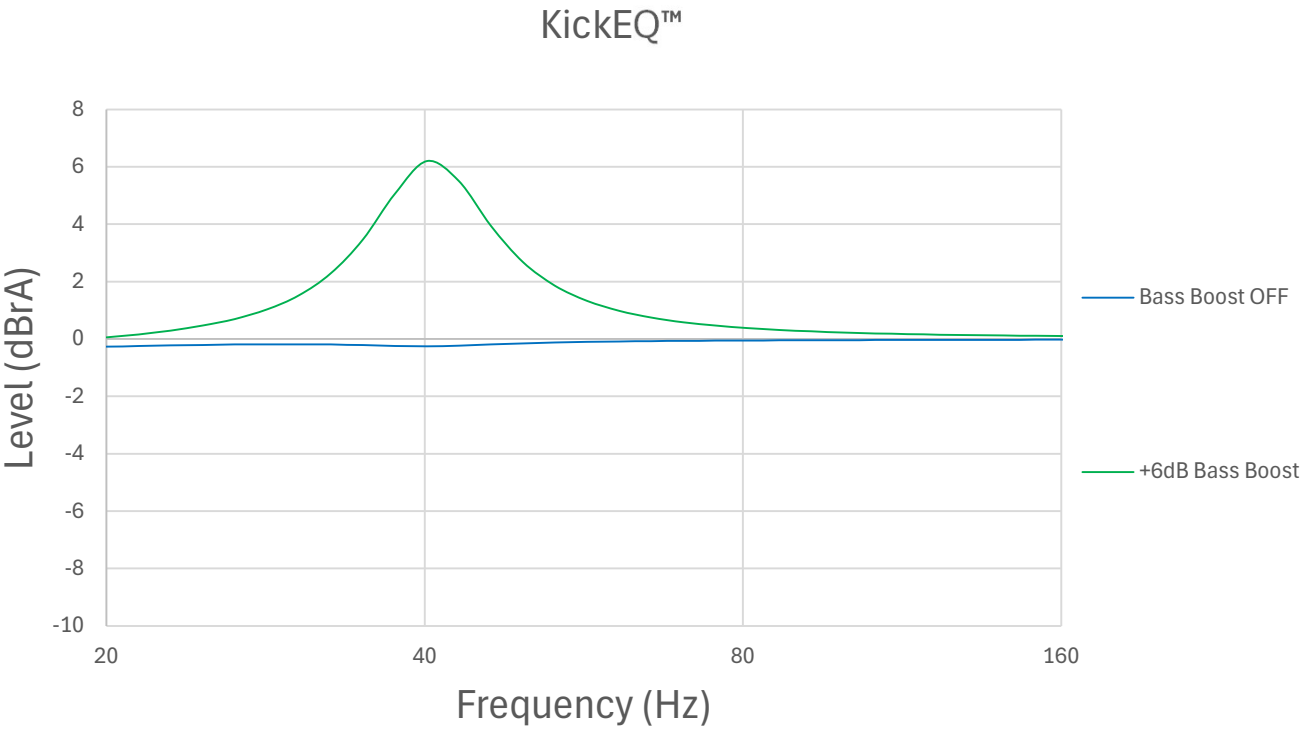


AMP1 and AMP2 - FFT



AMP1 and AMP2 Crossover Frequency Response







48KMA600.4

4x150w 4-Ch Weather-Resistant Full-Range Amp; RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω Stereo	75W x 4
Power (@14.4V, <1%THD+N)	2Ω Stereo	150W x 4
Power (@14.4V, <1%THD+N)	4Ω Bridged	300W x 2
Dynamic Power (@14.4V, <10%THD+N)	4Ω Bridged	725W
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 & 2)	12dB / Octave BW	50Hz - 200Hz
Variable LoPass Filter (Amp 1 & 2)	12dB / Octave BW	50Hz - 200Hz
KickEQ™ Variable Bass Boost	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<80A
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		250mV - 10V
Under Voltage Protection		10V
Over Voltage Protection		16V

What's in the box?

48KMA600.4
KICKER® Power Chart
Birth Certificate
KMA Multichannel Customer Information Card
Hardware Pack - 3mm Hex Key, and Stainless-Steel Mounting Hardware

Physical Materials

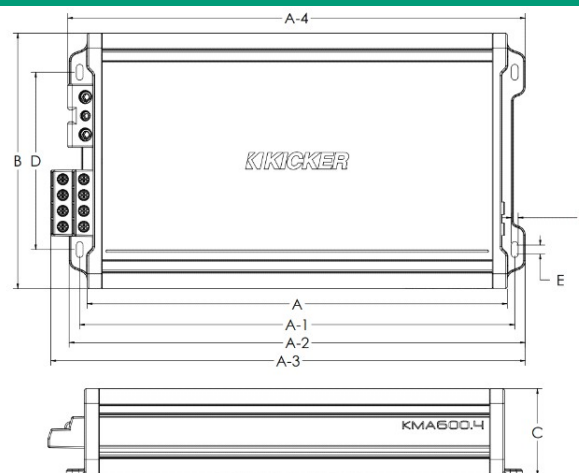
Heat Sink	UV Treated Anodized Extruded Aluminum
End Plate	Powder Coated Stamped Aluminum
End Plate Trim	Painted Injection Molded ABS Plastic
Bottom Plate	Powder Coated Stamped Aluminum



Features

- KICKER Real Marine™ Designed for Marine Environments
- Variable Active Crossover for Ideal Speaker Matching
- KickEQ™ Bass Boost for Additional Low Frequencies
- Conformal Coated Printed Circuit Board
- UV Treated Aluminum Chassis
- ABYC/NMMA - Compliant Power Terminals

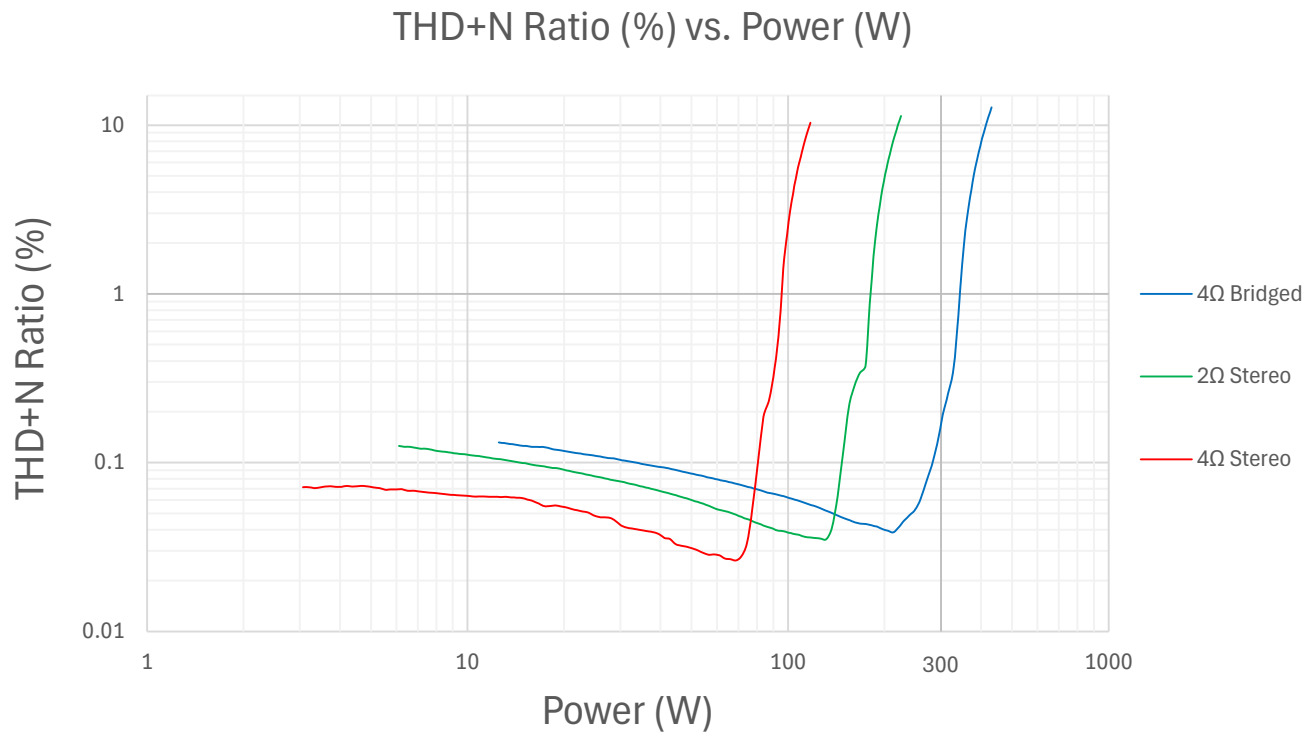
Unit Dimensions



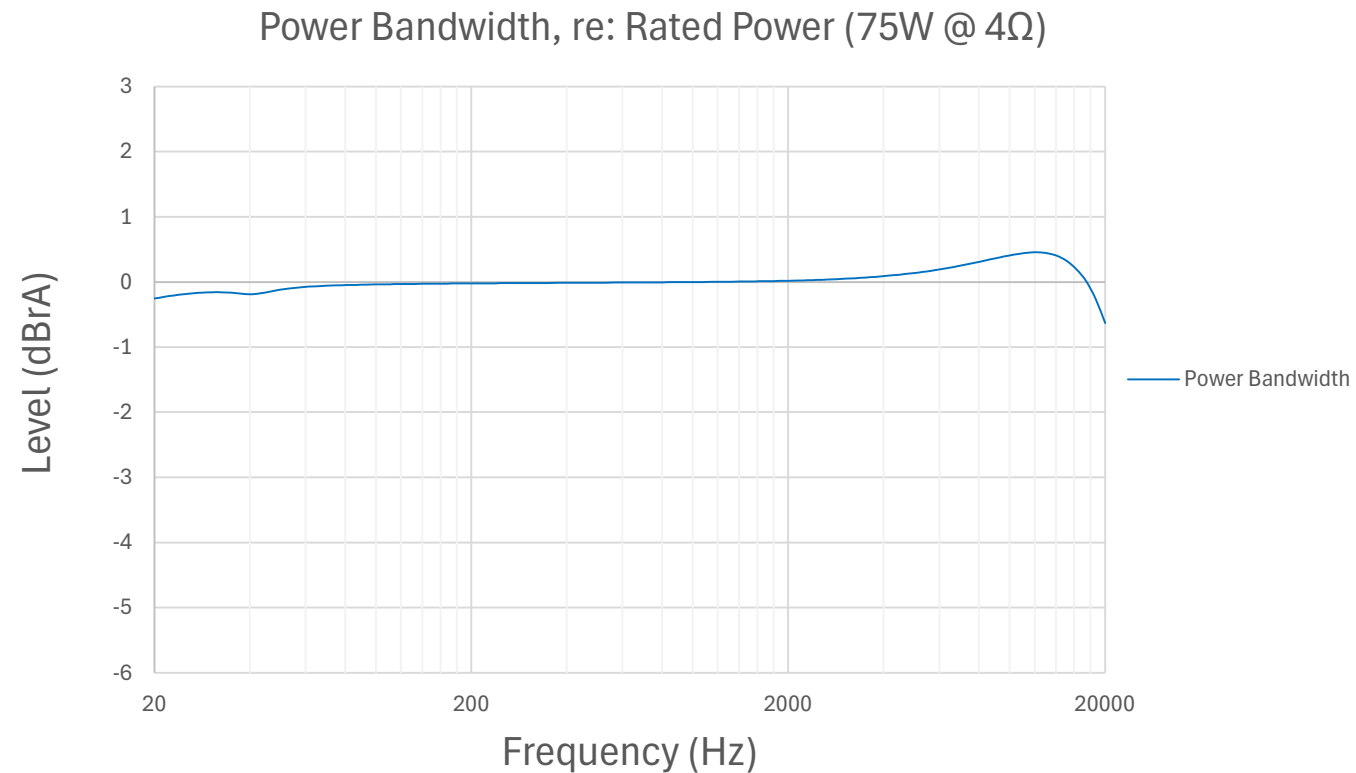
A - Chassis Length	11-1/32"	280.0mm
A-1 - Mounting Holes Location - Length	11-13/32"	290.0mm
A-2 - Overall Length Without Terminals	11-31/32"	304.0mm
A-3 - Overall Length With Speaker Terminals	12-7/16"	316.3mm
A-4 - Overall Length With Power Terminals	12"	305.0mm
B - Overall Width	6-11/16"	170mm
C - Overall Height	2-9/32"	58.0mm
D - Mounting Holes Location - Width	4-21/32"	118.0mm
E - Mounting Holes Diameter	1/4"	6.0mm
F - Mounting Holes Width	3/16"	4.5mm

Technical Graph Data

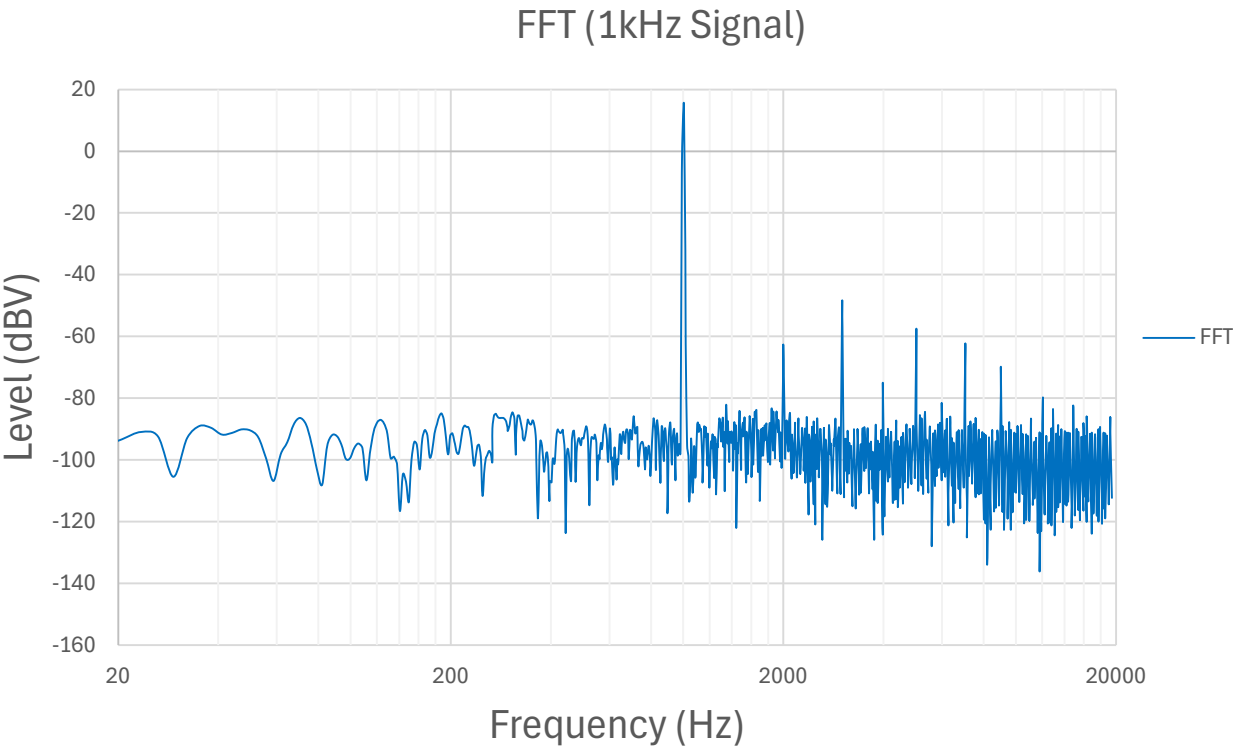
AMP1 and AMP2 - THD+N vs. Power (W) @14.4VDC



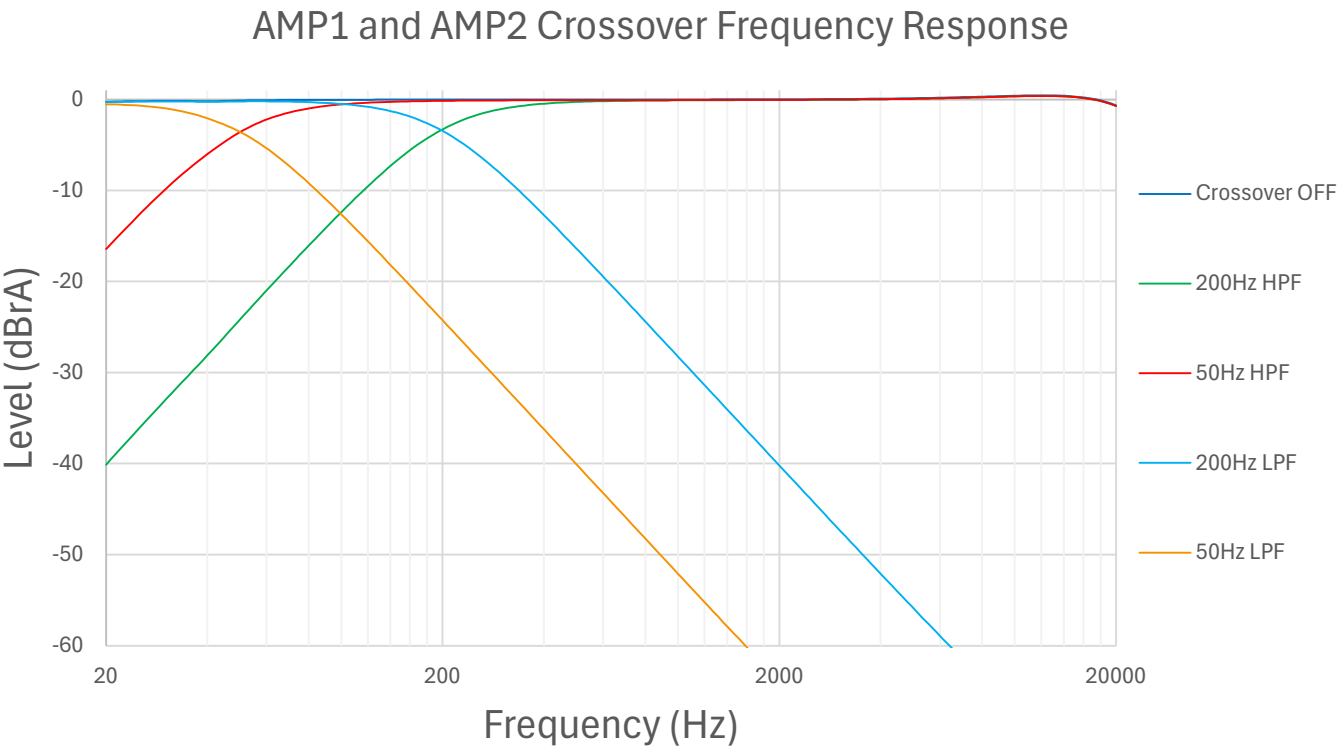
AMP1 and AMP2 - Power Bandwidth (4Ω) @14.4VDC

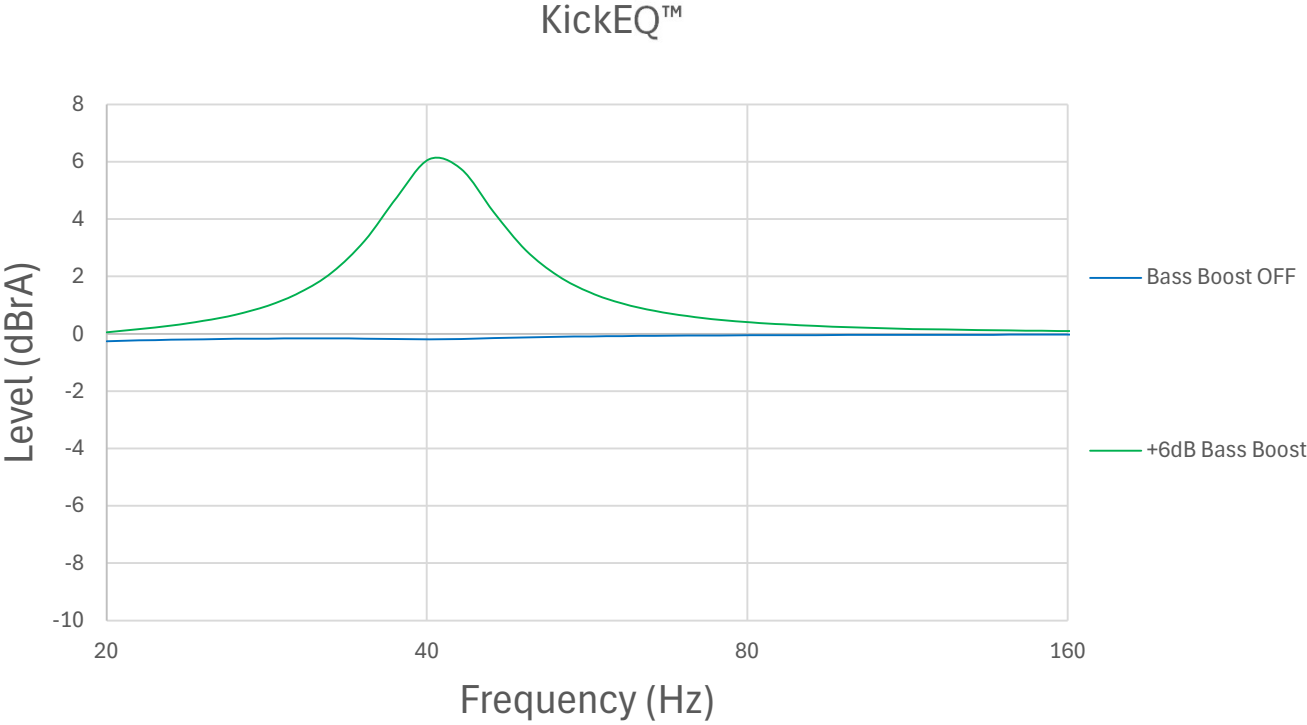


AMP1 and AMP2 - FFT



AMP1 and AMP2 Crossover Frequency Response





KICKER®

48KMA600.6

6x100w 6-Ch Weather-Resistant Full-Range Amp; RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω Stereo	50W x 6
Power (@14.4V, <1%THD+N)	2Ω Stereo	100W x 6
Power (@14.4V, <1%THD+N)	4Ω Bridged	200W x 3
Dynamic Power (@14.4V, <10%THD+N)	4Ω Bridged	750W
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 (Amp 1, 2 & 3)		10Hz - 20kHz
Variable HiPass Filter (Amp 1 & 2)	12dB / Octave BW	OFF - 200Hz
Variable HiPass Filter (Amp 3)	12dB / Octave BW	50Hz - 200Hz
Variable LoPass Filter (Amp 3)	12dB / Octave BW	50Hz - 200Hz
Fixed Subsonic Filter (Amp 3 LP only)	24dB / Octave BW	25Hz
KickEQ™ Variable Bass Boost (Amp 3)	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<80A
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		250mV - 10V
Under Voltage Protection		10V
Over Voltage Protection		16V

What's in the box?

48KMA600.6
KICKER® Power Chart
Birth Certificate
KMA Multichannel Customer Information Card
Hardware Pack - 3mm Hex Key, and Stainless-Steel Mounting Hardware

Physical Materials

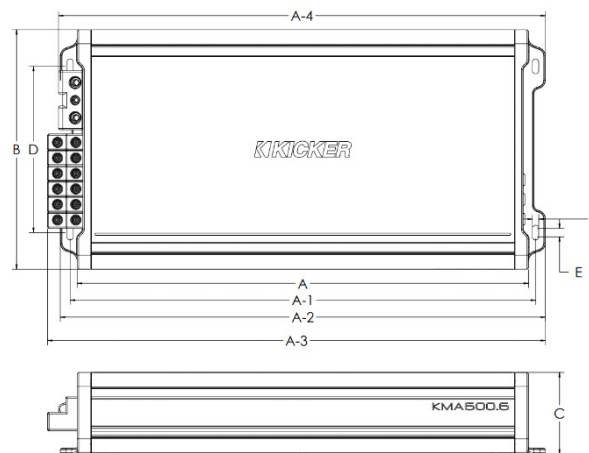
Heat Sink	UV Treated Anodized Extruded Aluminum
End Plate	Powder Coated Stamped Aluminum
End Plate Trim	Painted Injection Molded ABS Plastic
Bottom Plate	Powder Coated Stamped Aluminum



Features

- KICKER Real Marine™ Designed for Marine Environments
- Variable Active Crossover for Ideal Speaker Matching
- KickEQ™ Bass Boost for Additional Low Frequencies
- Conformal Coated Printed Circuit Board
- UV Treated Aluminum Chassis
- ABYC/NMMA - Compliant Power Terminals

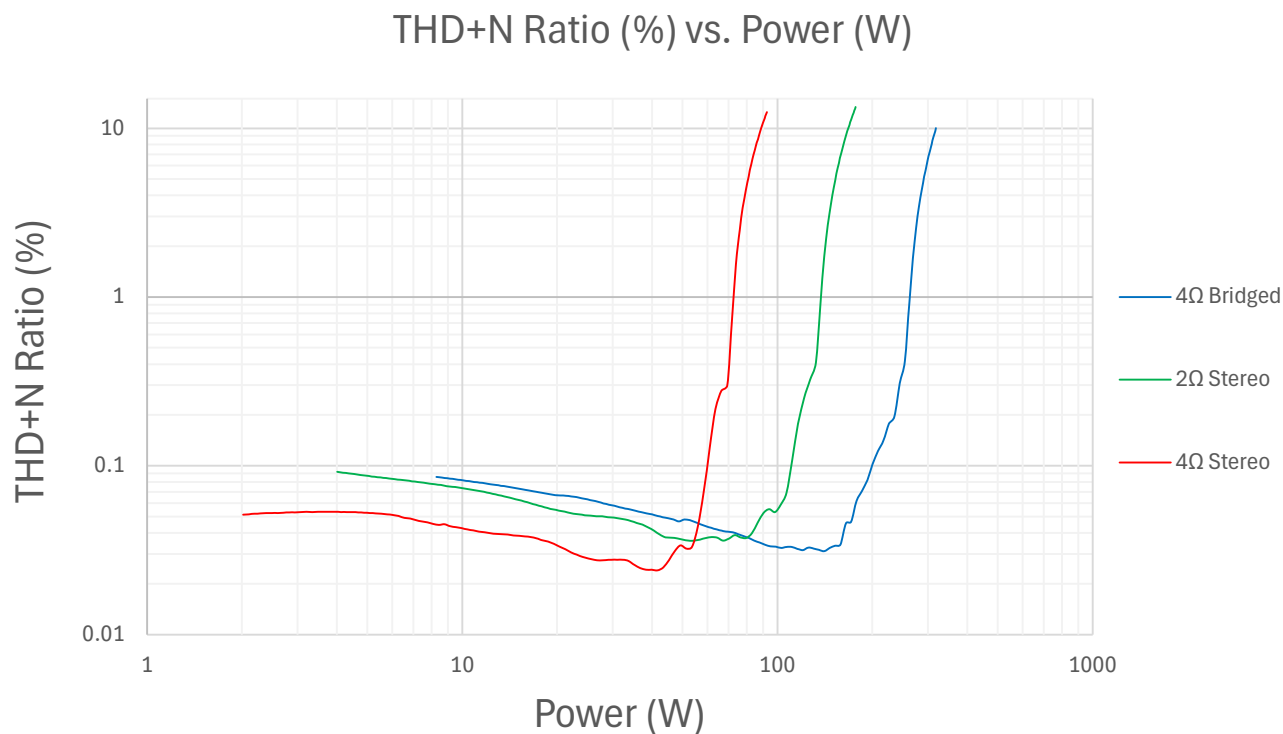
Unit Dimensions



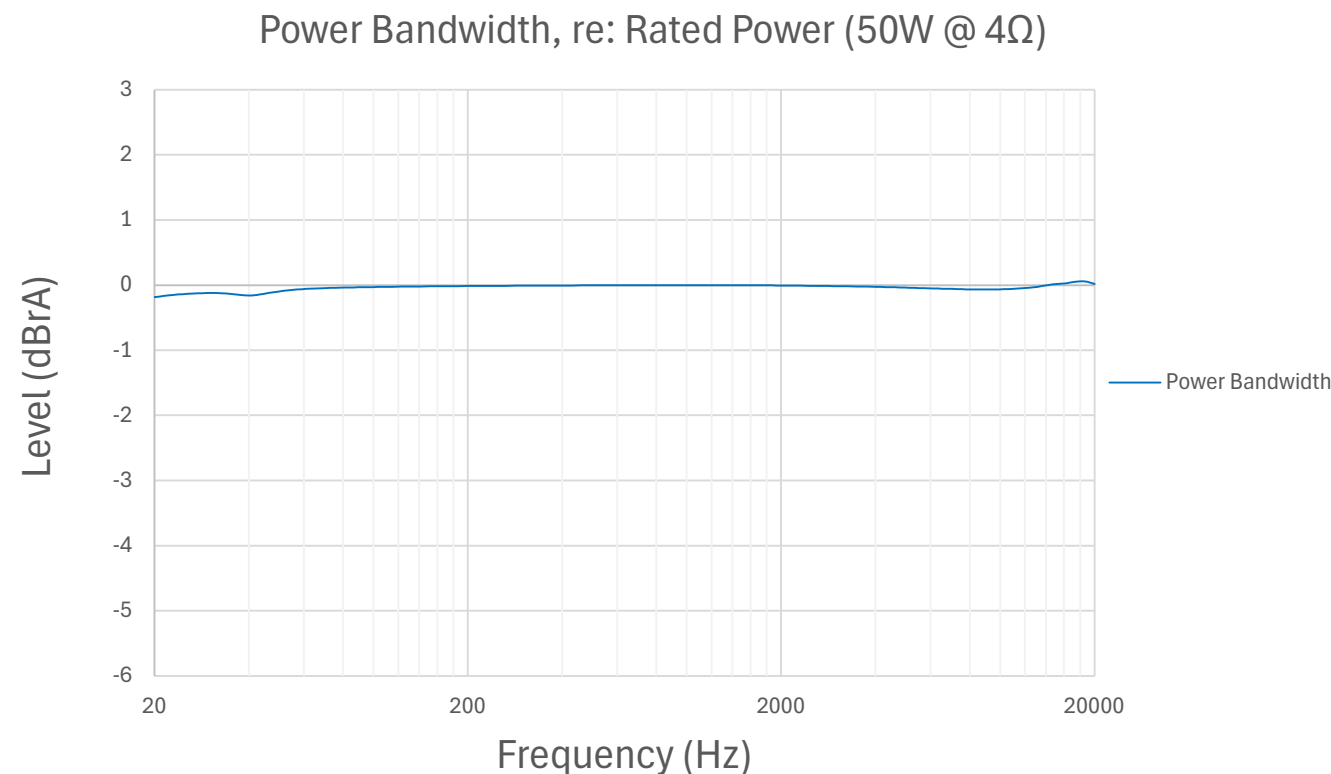
A - Chassis Length	12-19/32"	320.0mm
A-1 - Mounting Holes Location - Length	13"	330.0mm
A-2 - Overall Length	13-17/32"	344.0mm
A-3 - Overall Length with Speaker Terminals	13-29/32"	353.0mm
A-4 - Overall Length with Power Terminals	13-19/32"	345.3mm
B - Overall Width	6-11/16"	170mm
C - Overall Height	2-9/32"	58.0mm
D - Mounting Holes Location - Width	4-21/32"	118.0mm
E - Mounting Holes Diameter	1/4"	6.0mm
F - Mounting Holes Width	3/16"	4.5mm

Technical Graph Data

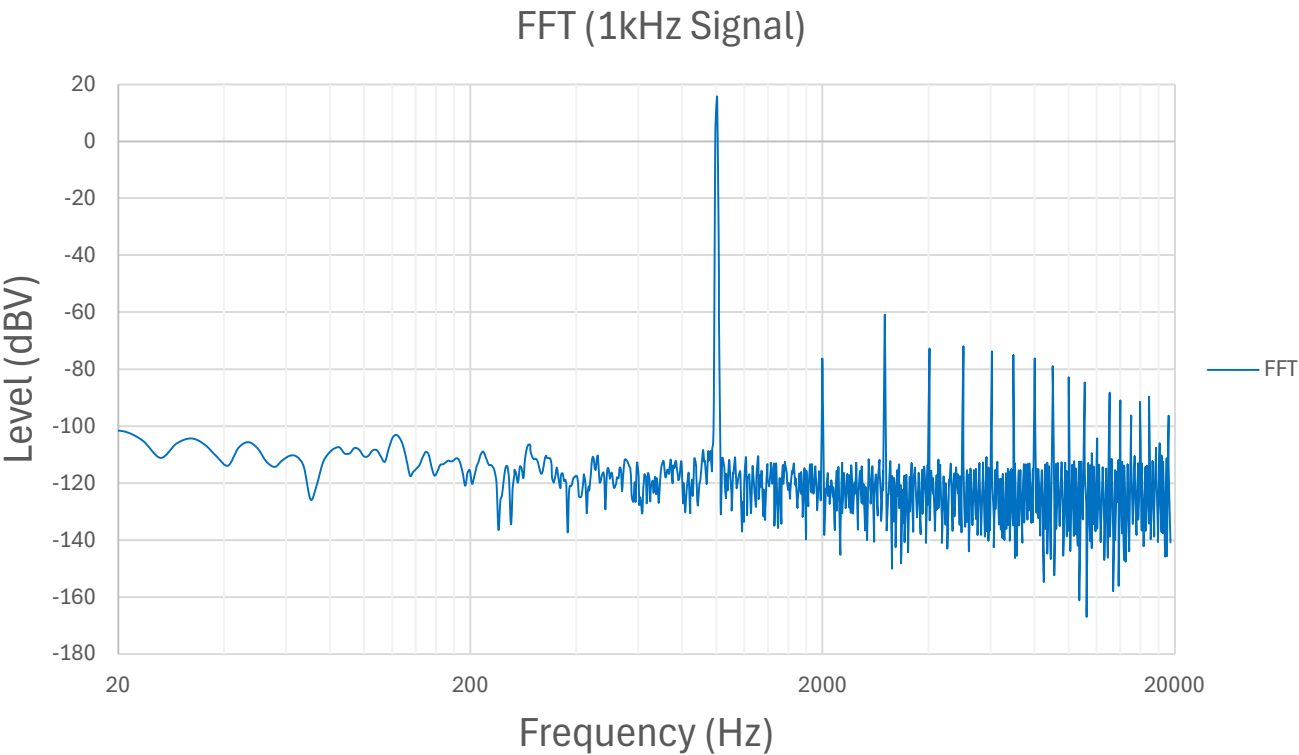
AMP1 AMP2 AMP3 - THD+N vs. Power (W) @14.4VDC



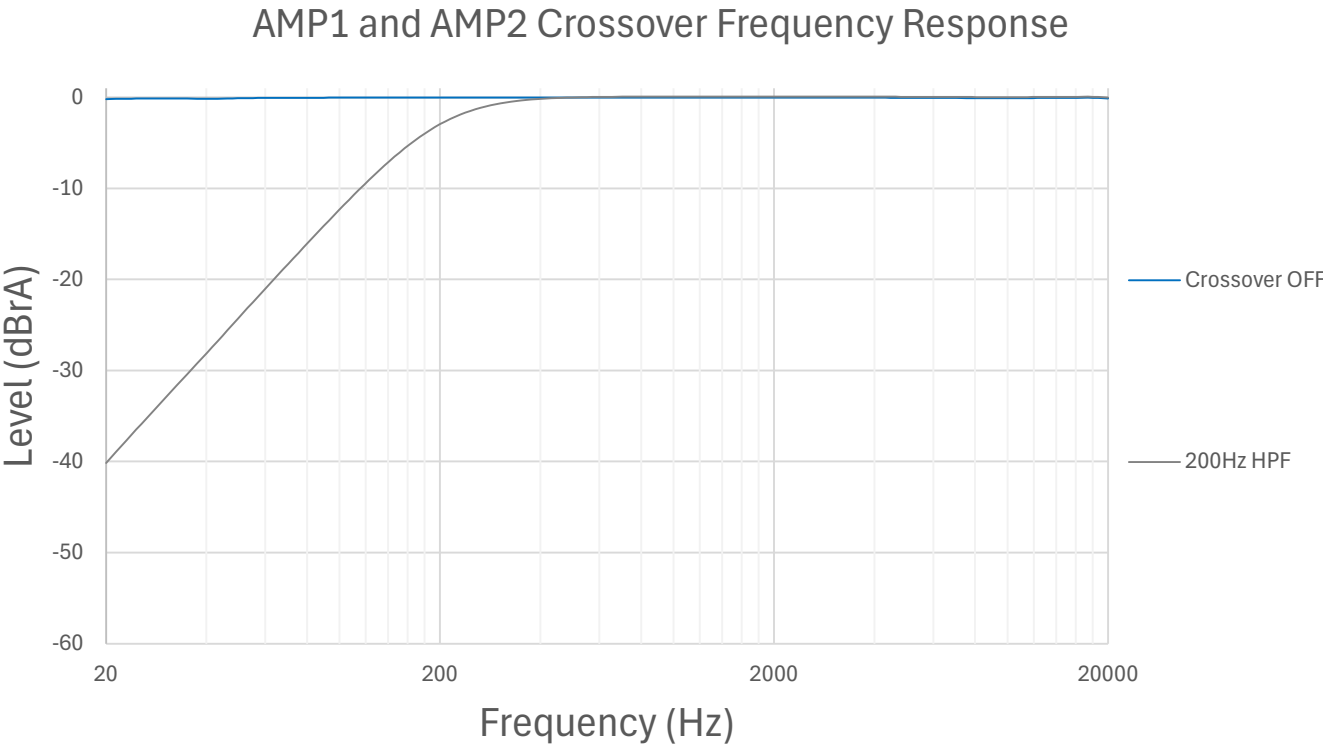
AMP1 AMP2 AMP3 - Power Bandwidth (4Ω) @14.4VDC



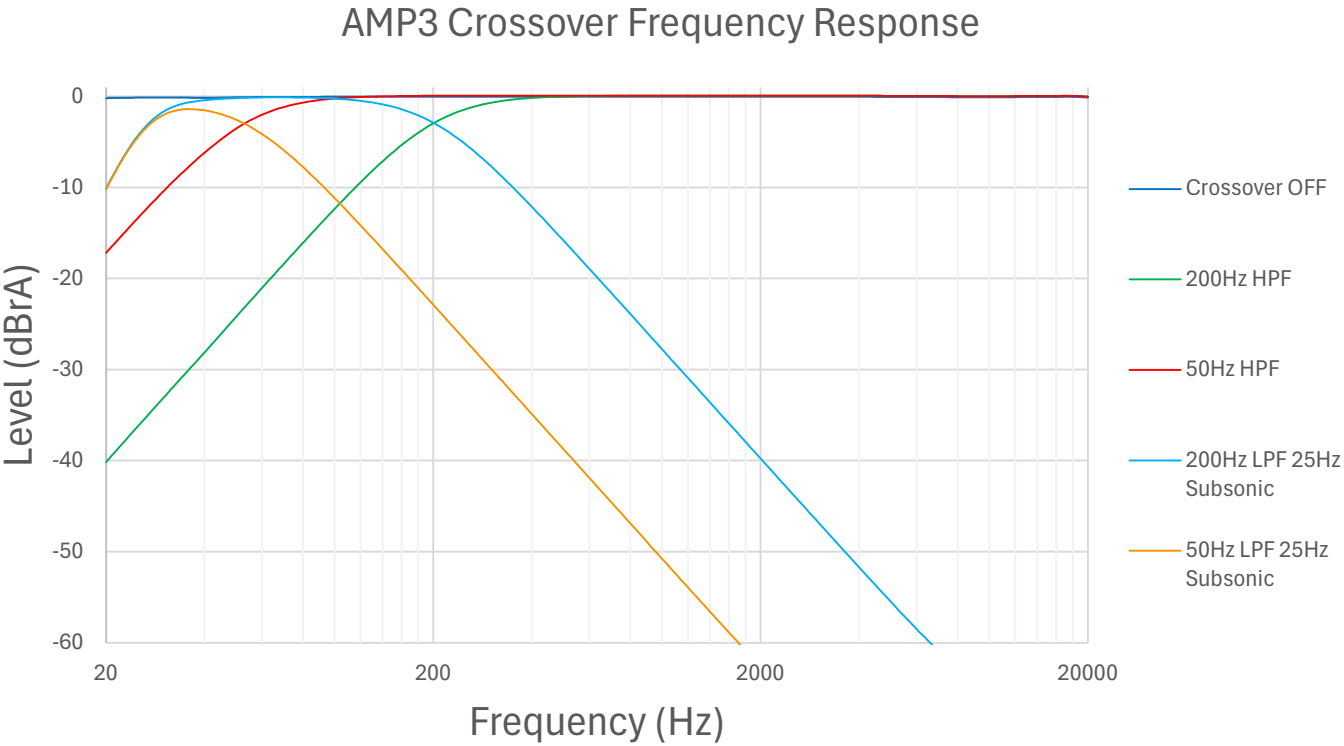
AMP1 AMP2 AMP3 - FFT



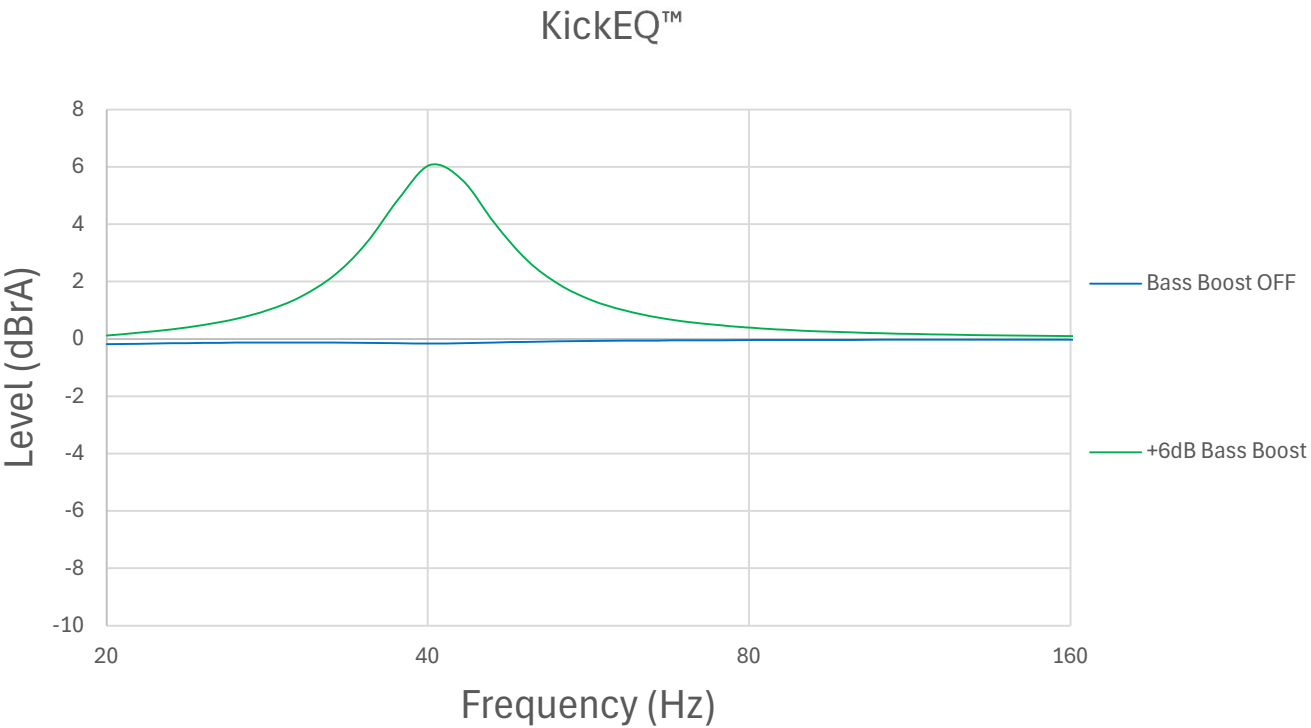
AMP1 and AMP2 Crossover Frequency Response



AMP3 Crossover Frequency Response



KickeEQ™





48KMA800.1

1x800w Weather-Resistant Mono Sub Amp; RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω	300W x 1
Power (@14.4V, <1%THD+N)	2Ω	600W x 1
Power (@14.4V, <1%THD+N)	1Ω	800W x 1
Dynamic Power (@14.4V, <10%THD+N)	1Ω	1200W
Lowest Rated Impedance		1Ω
Signal to Noise Ratio (CEA)	1W	>-75dB
Signal to Noise Ratio	Rated Power	>-95dB
CMRR	50Hz	-40dB
Input Impedance		>20kΩ
Frequency Response		25Hz - 200Hz
Variable LoPass Filter	12dB / Octave BW	50Hz - 200Hz
Fixed Subsonic Filter	24dB / Octave BW	25Hz
KickEQ™ Variable Bass Boost	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<100A
Remote Gain Attenuation		-26dB - 0dB
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		250mV - 10V
Under Voltage Protection		10V
Over Voltage Protection		16V

What's in the box?

48KMA800.1
KICKER® Power Chart
KMA Mono Customer Information Card
Birth Certificate
Hardware Pack - 3mm Hex Key, and Stainless-Steel Mounting Hardware
48KMBLC Bass Remote with Cable

Physical Materials

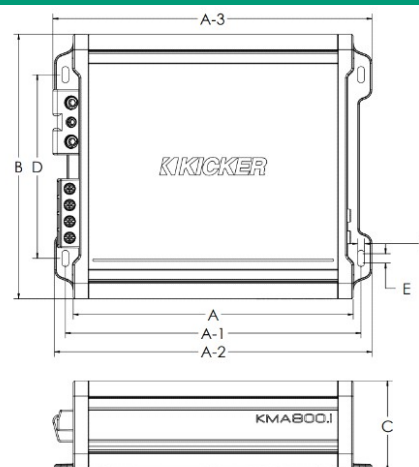
Heat Sink	UV Treated Anodized Extruded Aluminum
End Plate	Powder Coated Stamped Aluminum
End Plate Trim	Painted Injection Molded ABS Plastic
Bottom Plate	Powder Coated Stamped Aluminum



Features

- KICKER Real Marine™ Designed for Marine Environments
- Variable Active Crossover for Ideal Speaker Matching
- KickEQ™ Bass Boost for Additional Low Frequencies
- Conformal Coated Printed Circuit Board
- UV Treated Aluminum Chassis
- ABYC/NMMA - Compliant Power Terminals
- Subsonic Filter for Subwoofer Protection

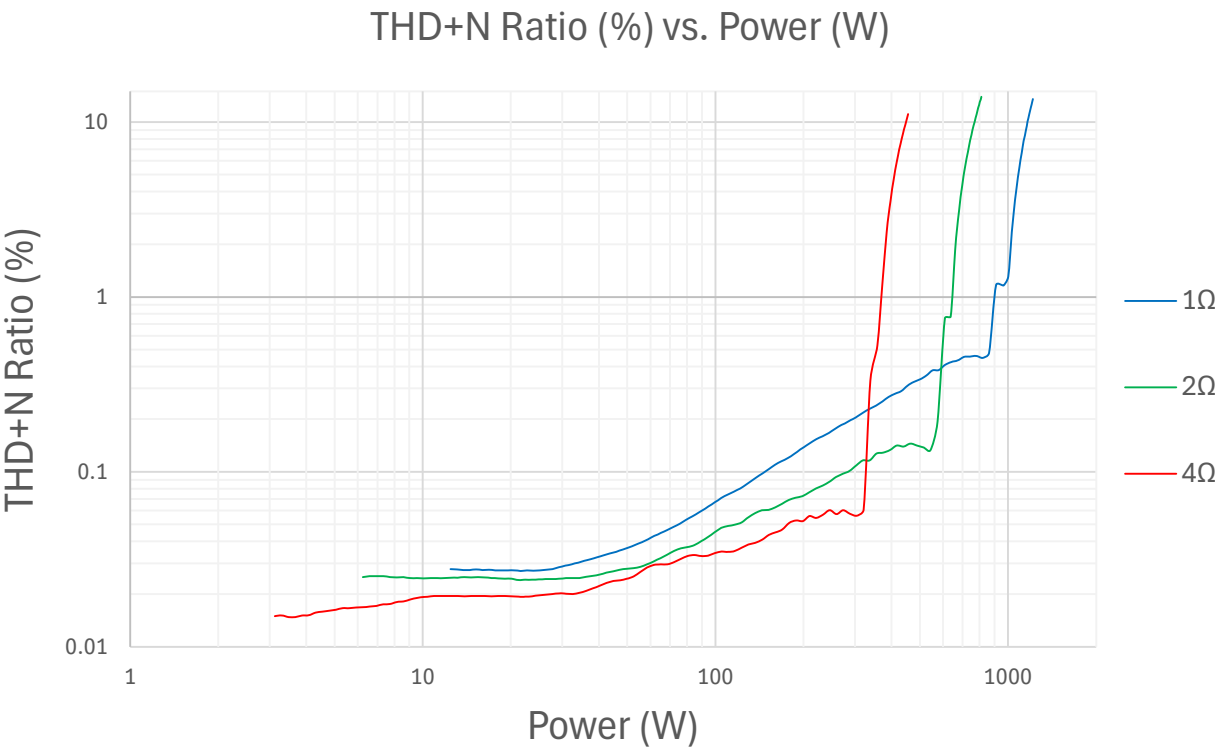
Unit Dimensions



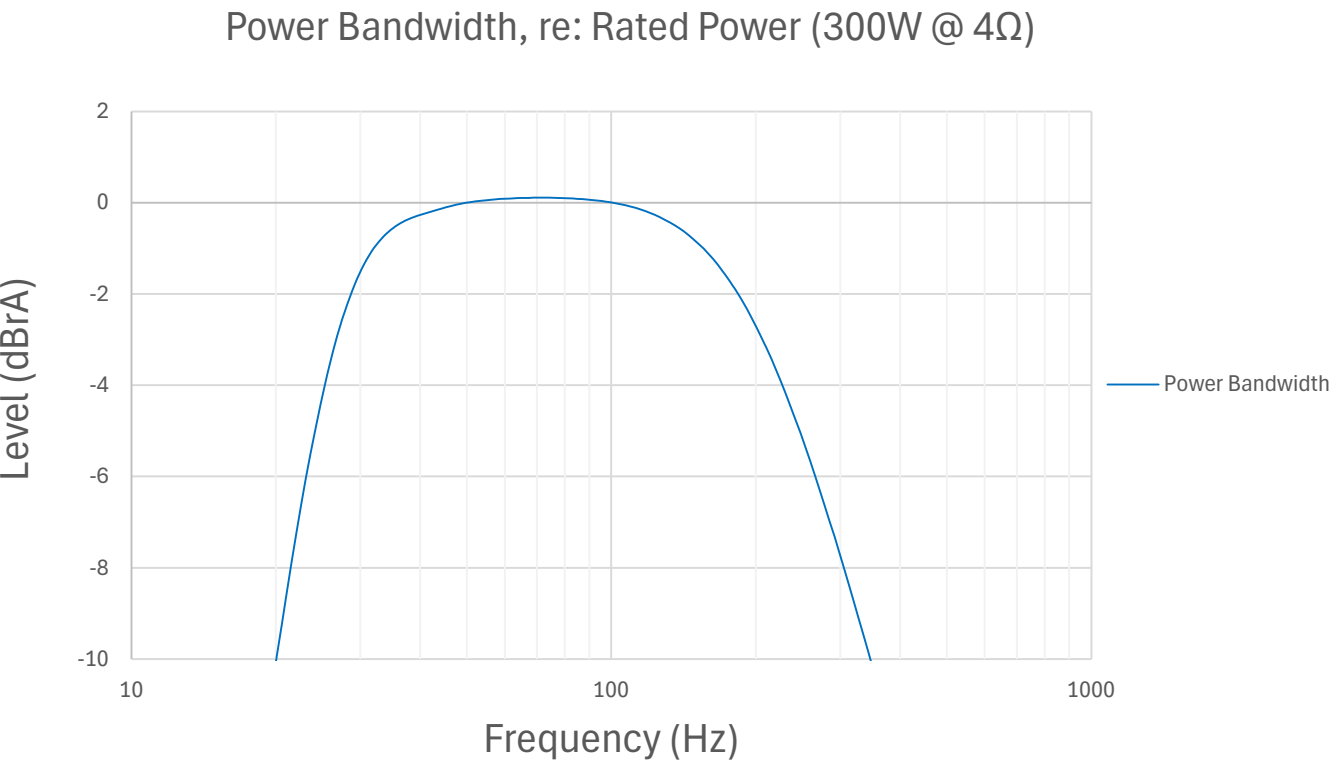
A - Chassis Length	7-3/32"	180.0mm
A-1 - Mounting Holes Location - Length	7-15/32"	190.0mm
A-2 - Overall Length	8-1/32"	204.0mm
A-3 - Overall Length with Power Terminals	8-1/16"	205.0mm
B - Overall Width	6-11/16"	170mm
C - Overall Height	2-9/32"	58.0mm
D - Mounting Holes Location - Width	4-21/32"	118.0mm
E - Mounting Holes Diameter	1/4"	6.0mm
F - Mounting Holes Width	3/16"	4.5mm

Technical Graph Data

THD+N vs. Power (W) @14.4VDC

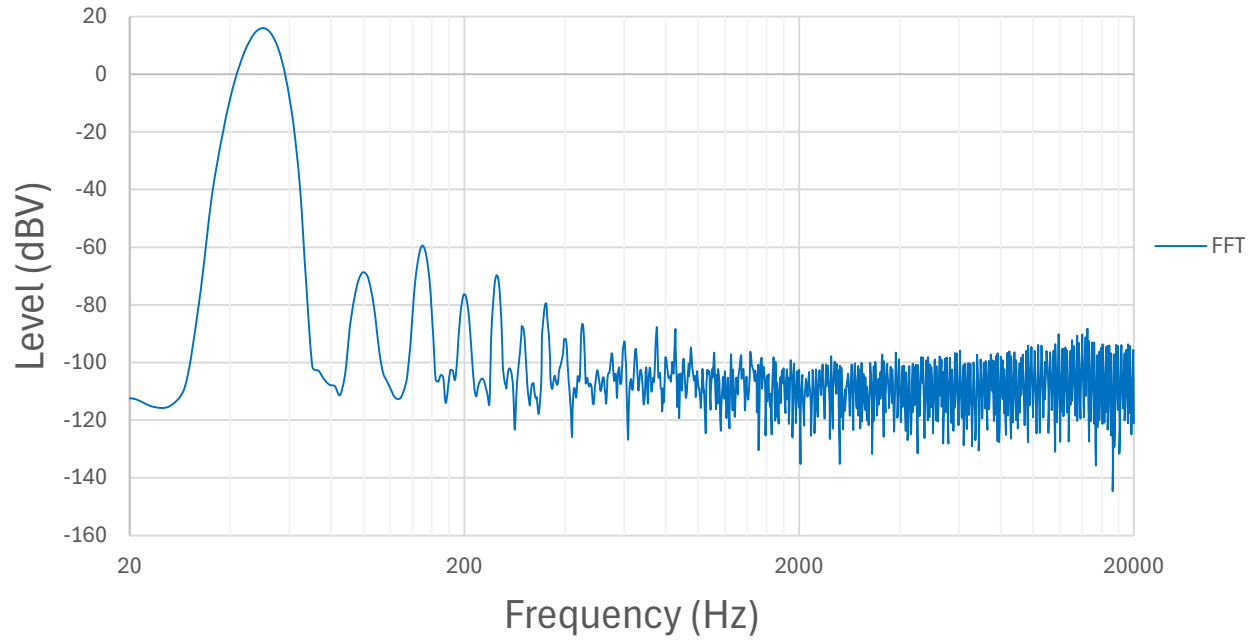


Power Bandwidth (4Ω) @14.4VDC



FFT

FFT (50Hz Signal)



Crossover Frequency Response

Crossover Frequency Response

