

KICKER®

46CXA360.4

4x90 Watt Class A/B Full Range Amplifier; 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
Lowest Rated Impedance (Amp 1 & 2)		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 (Amp 1 & 2)	1000Hz	-40dB
Input Impedance		>100kΩ
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)		<40A
Remote Gain Attenuation (Amp 2)	*LoPass only	-26dB - 0dB
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		1V - 40V
Under Voltage Protection		8V (warning at 10.5V)
Over Voltage Protection		16V

What's in the box?

46CXA360.4

CX Amplifiers Owner's Manual

KICKER® Power Chart

Hardware Pack - 3mm hex key, mounting hardware, and vertical mounting brackets

Physical Materials

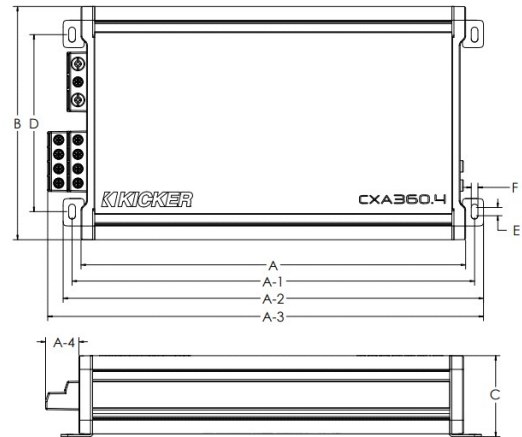
Heat Sink	UV Treated Anodized Extruded Aluminum
End Plate	Powder Coated Stamped Steel
End Plate Trim	Painted Injection Molded ABS Plastic
Bottom Plate	Powder Coated Stamped Steel
Vertical Mounting Brackets	Powder Coated Stamped Steel



Features

- Variable Active Crossover for ideal speaker matching
- Compatible with Start/Stop technology
- Vertical Mounting Hardware included for another unique look
- KickEQ™ Bass Boost for additional low frequencies
- FIT+™ Differential Inputs - near universal compatibility with source units
- Remote Output Level Control (Amp 2 LP only) with CXARC (sold separately)

Unit Dimensions

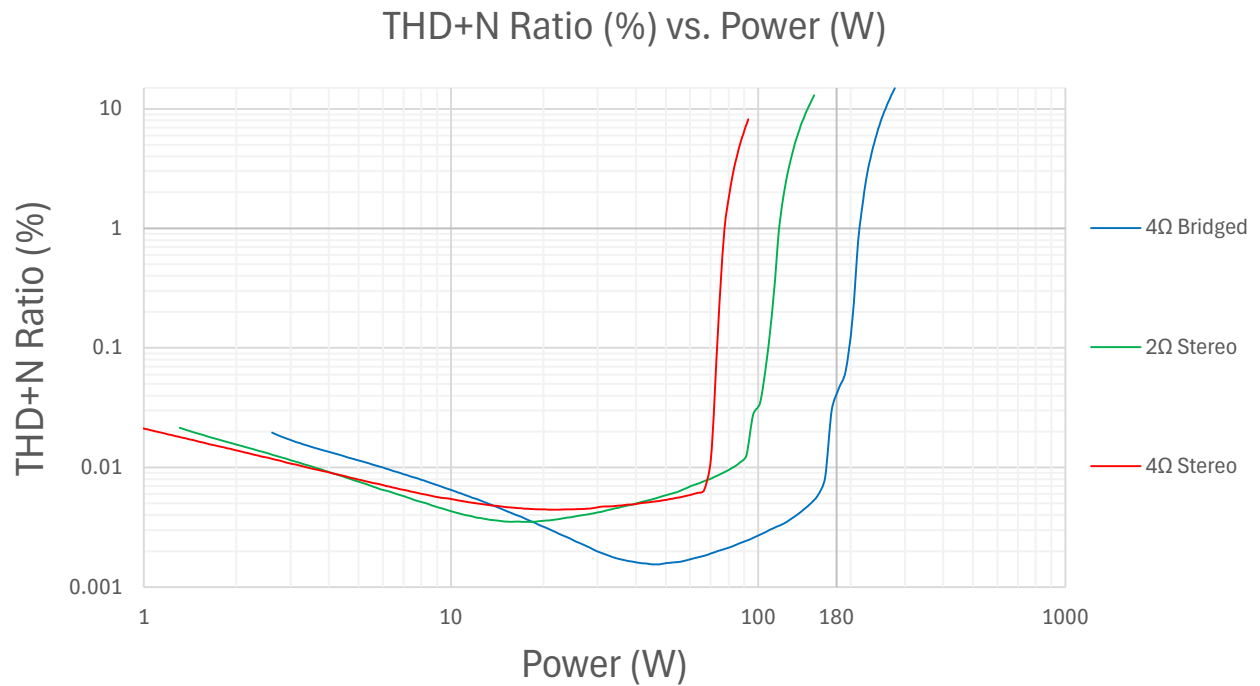


* The use of vertical mounting brackets adds 2.1mm to total length and 4.5mm to total width

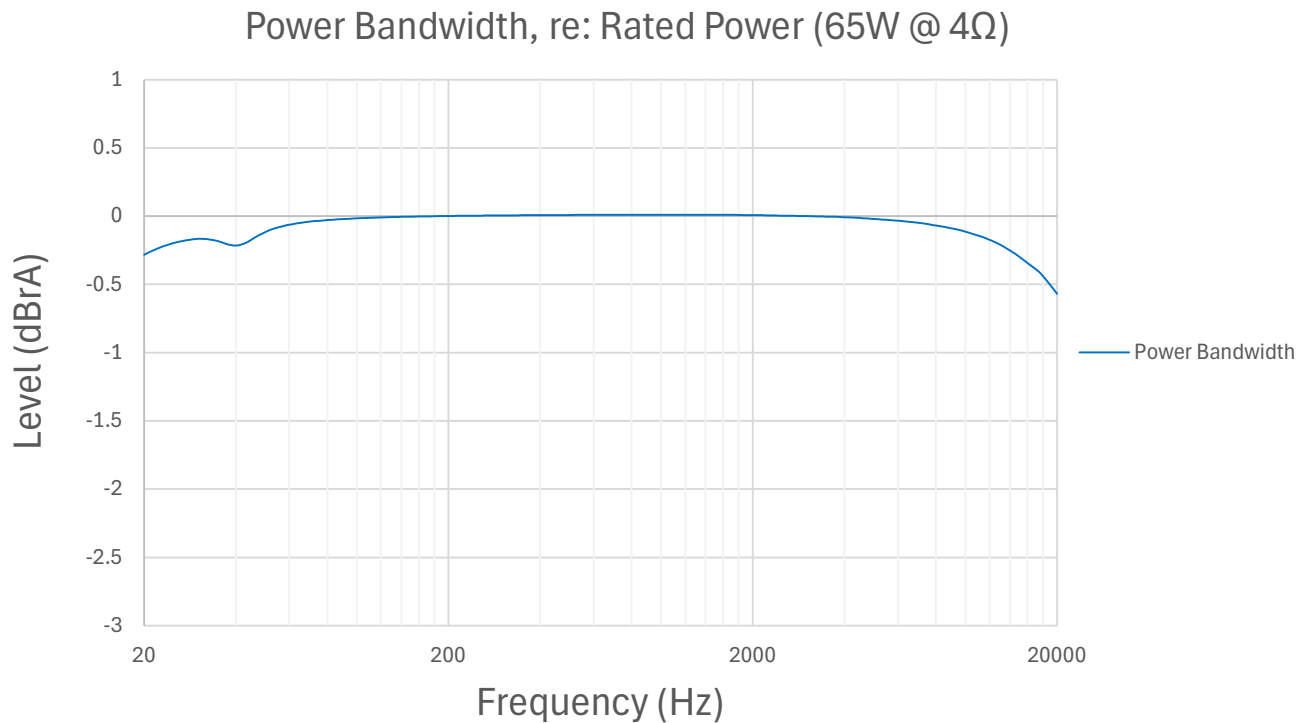
A - Chassis Length	11-1/32"	280.0mm
A-1 - Mounting Holes Location - Length	11-17/32"	293.0mm
A-2 - Mount to Mount Total Length	12-1/16"	306.0mm
A-3 - Overall Length	12-1/2"	317.3mm
A-4 - Speaker Terminal Length	31/32"	24.3mm
B - Overall Width	6-11/16"	170.0mm
C - Overall Height	2-5/16"	59.0mm
D - Mounting Holes Location - Width	5-3/32"	129.0mm
E - Mounting Holes Diameter	3/16"	4.9mm
F - Mounting Holes Width	1/4"	6.0mm

Technical Graph Data

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

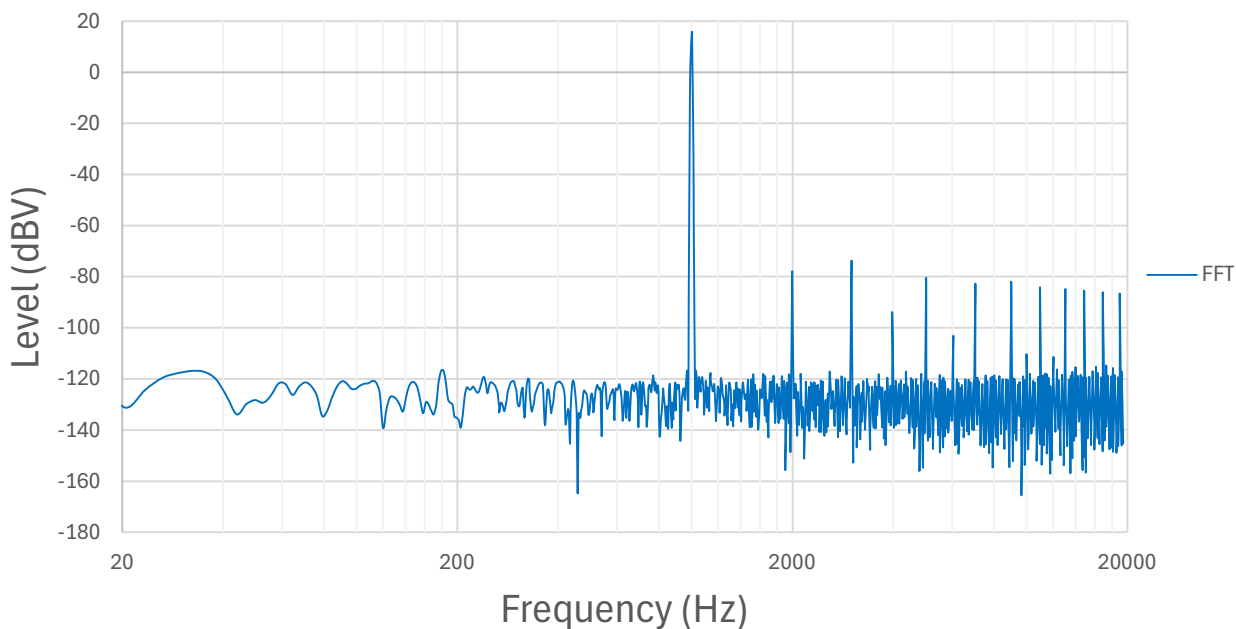


AMP1 and AMP2 - Power Bandwidth (4Ω) @14.4VDC



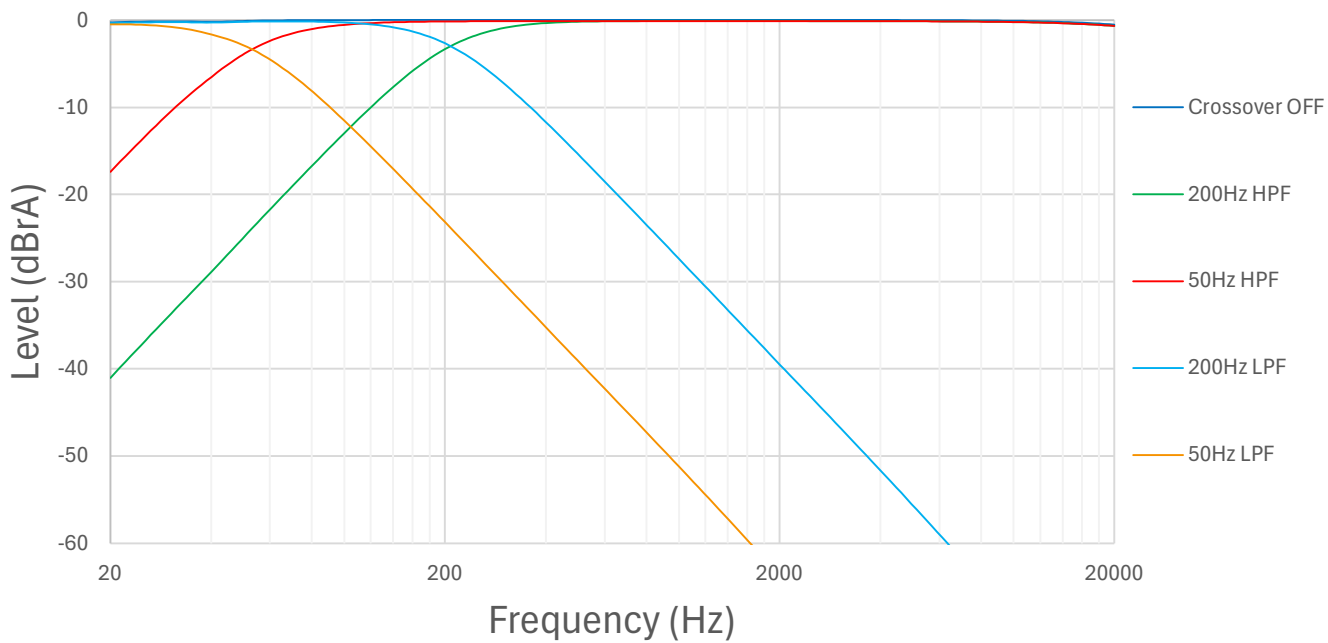
AMP1 and AMP2 - FFT

FFT (1kHz Signal)



AMP1 and AMP2 Crossover Frequency Response

AMP1 and AMP2 Crossover Frequency Response



KickEQ™

