



53VXA300.4

4x75 Watt Class D Full Range Amplifier; RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω Stereo	50W x 4
Power (@14.4V, <1%THD+N)	2Ω Stereo	75W x 4
Power (@14.4V, <1%THD+N)	4Ω Bridged	150W x 2
Dynamic Power (@14.4V, <1%THD+N)	4Ω Bridged	350W
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 2 Only)	12dB / Octave BW	50Hz - 200Hz
KickEQ™ Variable Bass Boost (Amp 2 Only)	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<40A
Input Sensitivity		125mV - 10V
Under Voltage Protection		8V
Over Voltage Protection		16V

What's in the box?

53VXA300.4 Amplifier

VXA Stereo Customer Information Card

KICKER® Birth Certificate

Hardware Pack - Mounting Hardware

Physical Materials

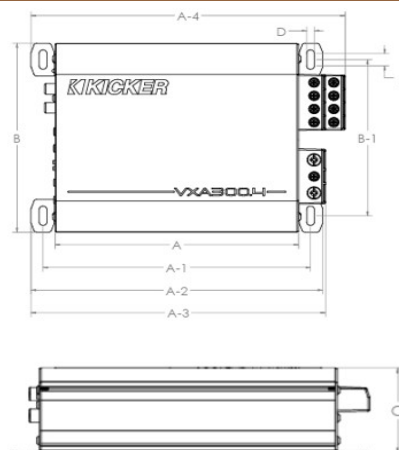
Heat Sink	Powder Coated Extruded Aluminum
End Plate	Powder Coated Stamped Steel
Bottom Plate	Powder Coated Stamped Steel



Features

- Variable Active Crossover for ideal speaker matching
- Compatible with Start/Stop technology
- Class SB Source Unit Compatible
- KickEQ™ Bass Boost for additional low frequencies
- FIT™ Differential Inputs - near universal compatibility with source units
- Compact Footprint fits almost anywhere

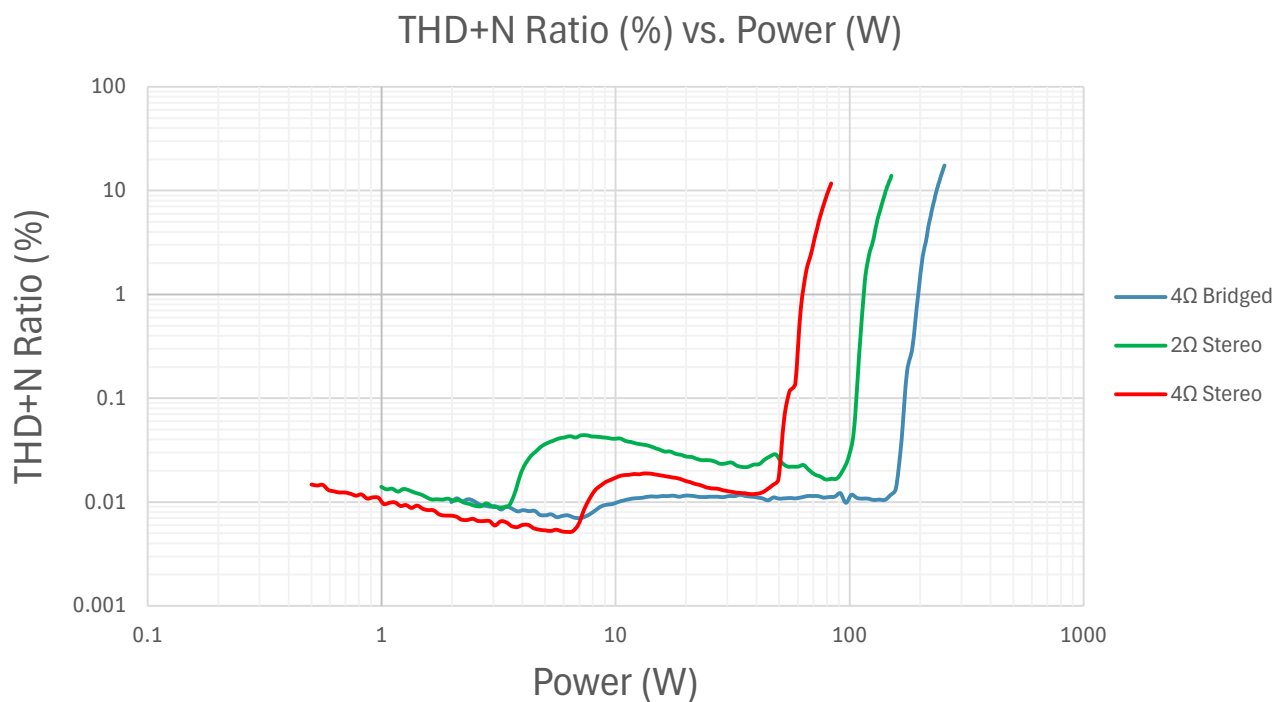
Unit Dimensions



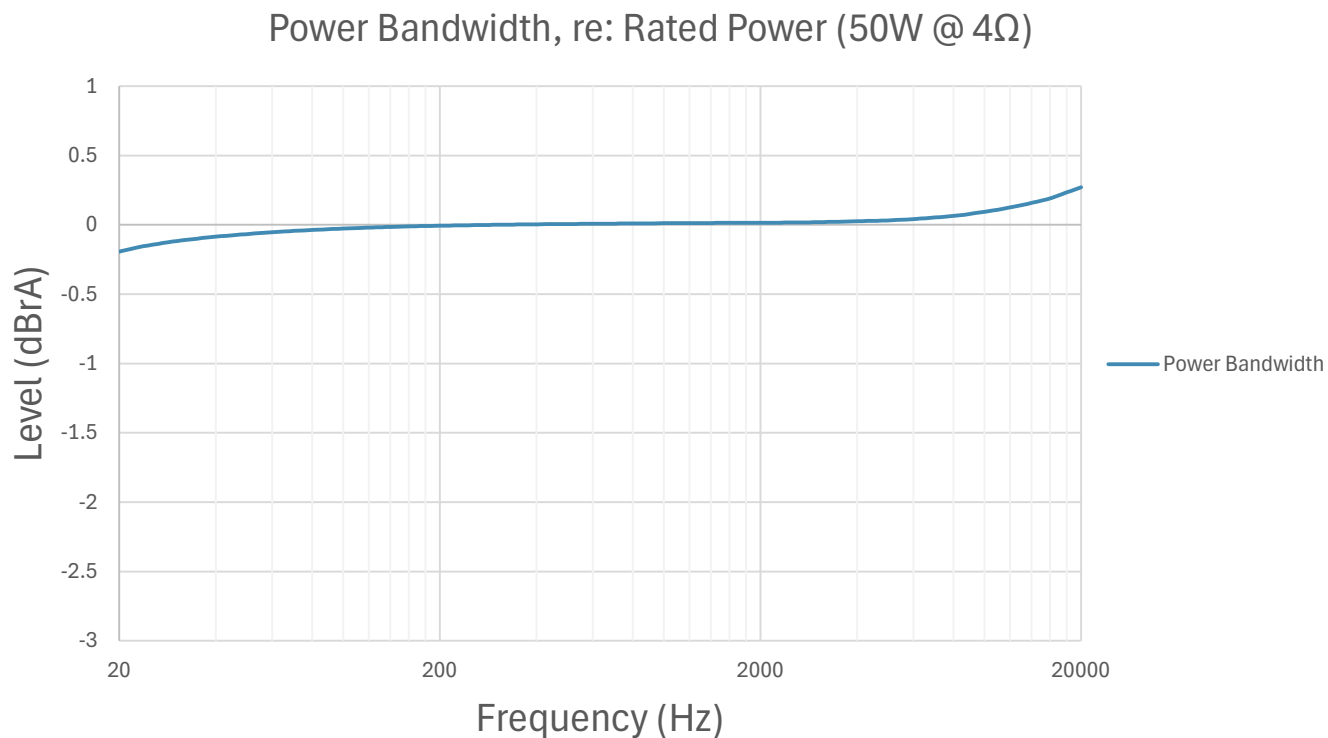
A - Chassis Length	6-13/16"	173.0mm
A-1 - Mounting Holes Location - Length	7-15/32"	190.0mm
A-2 - Mount to Mount Total Length	8-5/32"	207.0mm
A-3 - Overall Length to Power Terminals	8-7/32"	209.0mm
A-4 - Overall Length to Speaker Terminals	8-25/32"	223.0mm
B - Overall Width	5-29/32"	150.0mm
C - Overall Height	2-3/16"	55.5mm
D - Mounting Holes Location - Width	7/32"	5.5mm
E - Mounting Holes Diameter	13/32"	10.0mm

Technical Graph Data

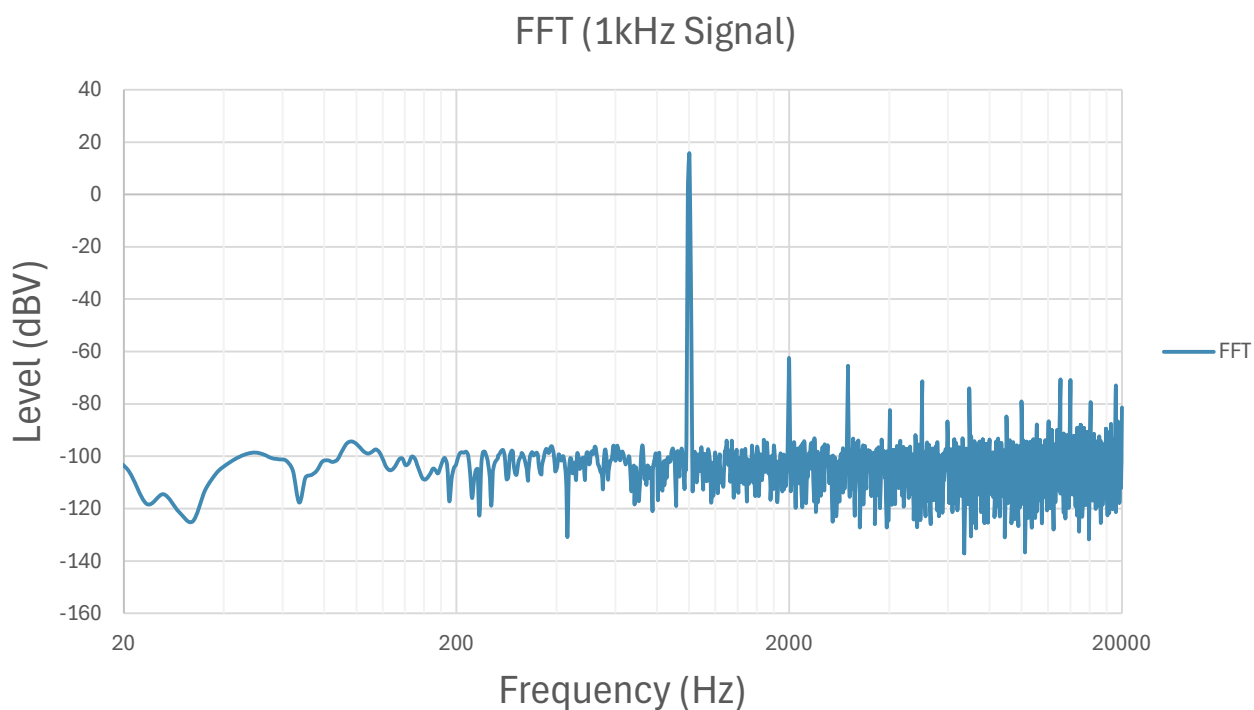
AMP1 and AMP2 - THD+N vs. Power (W) @14.4VDC



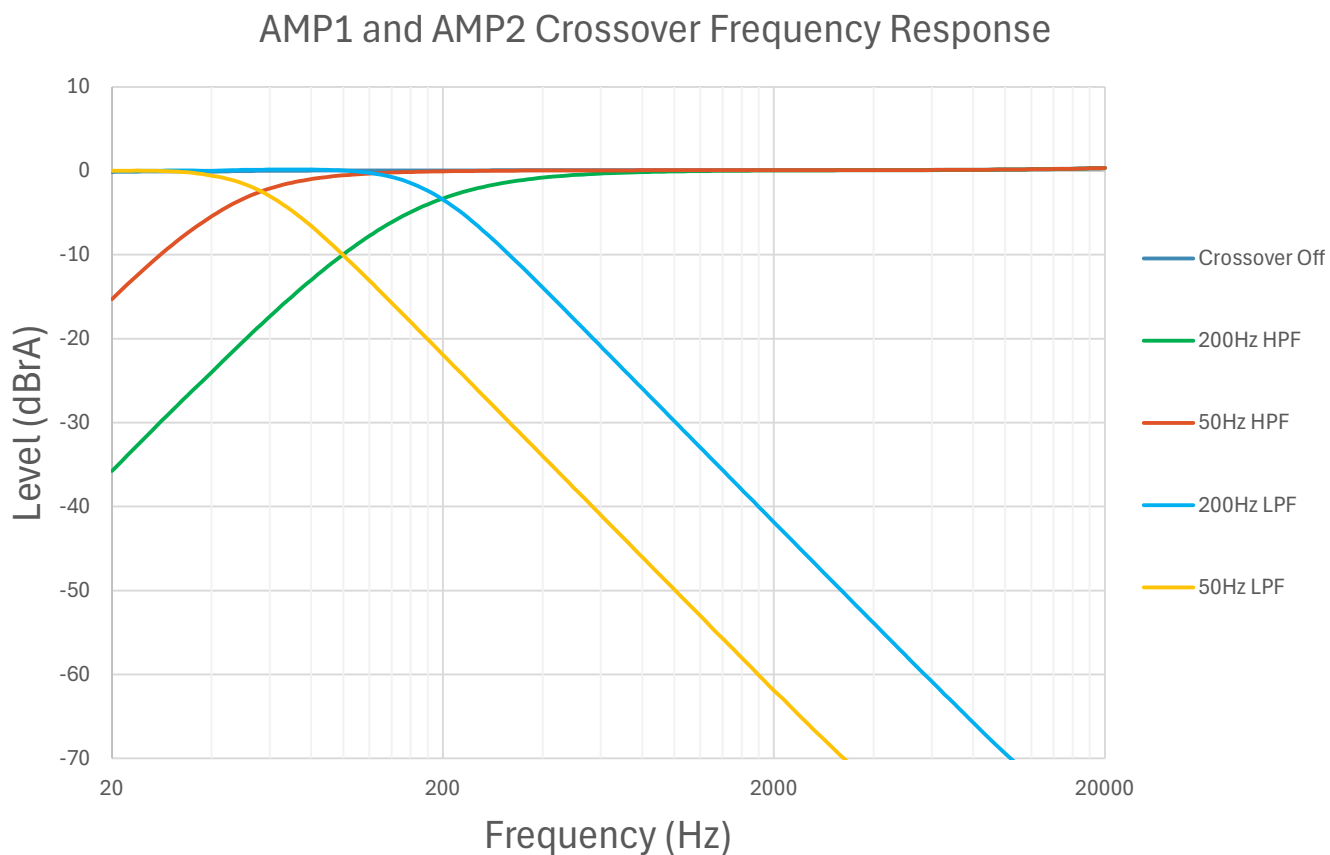
AMP1 and AMP2 - Power Bandwidth (4Ω) @14.4VDC



AMP1 and AMP2 - FFT



AMP1 and AMP2 Crossover Frequency Response



KickEQ™ AMP2 Only

