

KICKER®

51KPX300.4

4 x 75 Watt 4-Channel Full Range Amplifier, RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω Stereo	45W 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, <10%THD+N)	4Ω Bridged	350W
Lowest Rated Impedance		2Ω Stereo / 4Ω Bridged
Signal to Noise Ratio (CEA)	1W	>-75dB
Signal to Noise Ratio	Rated Power	>-90dB
Channel Separation (Rated Power)	1000Hz	>55dB
CMRR	1000Hz	-40dB
Input Impedance		>20kΩ
Frequency Response		20Hz - 20kHz
Selectable HiPass Filter (Amp 1)	12dB / Octave BW	OFF, 60Hz, 80Hz, 120Hz
Selectable HiPass Filter (Amp 2)	12dB / Octave BW	OFF, 60Hz, 80Hz, 120Hz
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		1V - 40V
Under Voltage Protection		10.0V (warning at 10.8V)
Over Voltage Protection		16V

What's in the box?

51KPX300.4
Signal Input Harness
Speaker Output Harness
Power Input Connector
Mylar sticker for control panel cover
KPX300.4 Customer Information Card
Hardware Pack - mounting hardware

Physical Materials

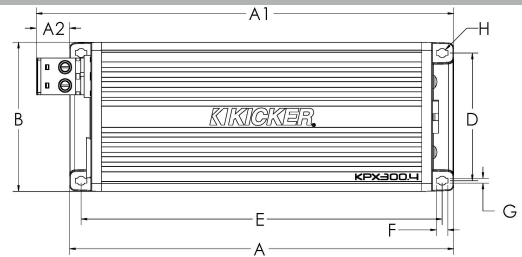
Heat Sink	Anodized Extruded Aluminum
End Caps	Painted Injection Molded ABS Plastic
Bottom Panel	Powder Coated Stamped Steel
Weather-resistant Gain Plug	Injection Molded Rubber



Features

- Conformal coated printed circuit board
- Weather-resistant design
- Extremely compact footprint - perfect for space compromised vehicles
- FIT+ Differential Inputs - near universal compatibility with source units

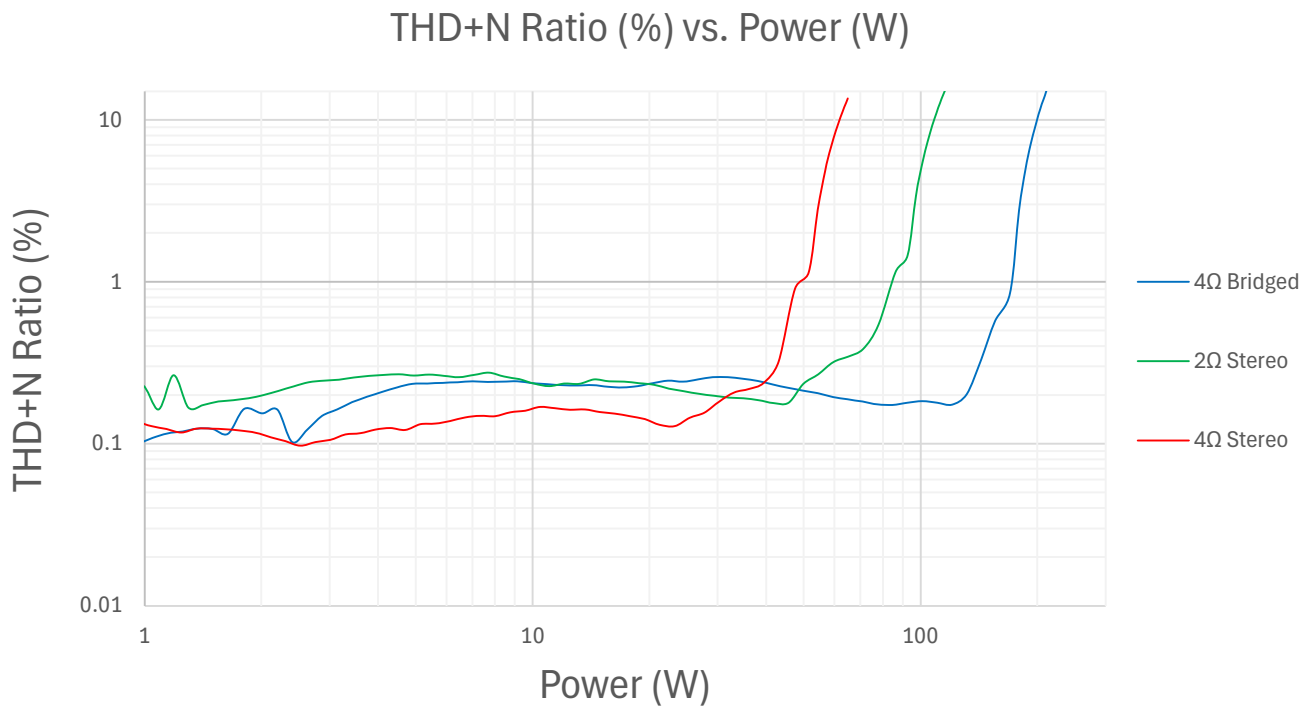
Unit Dimensions



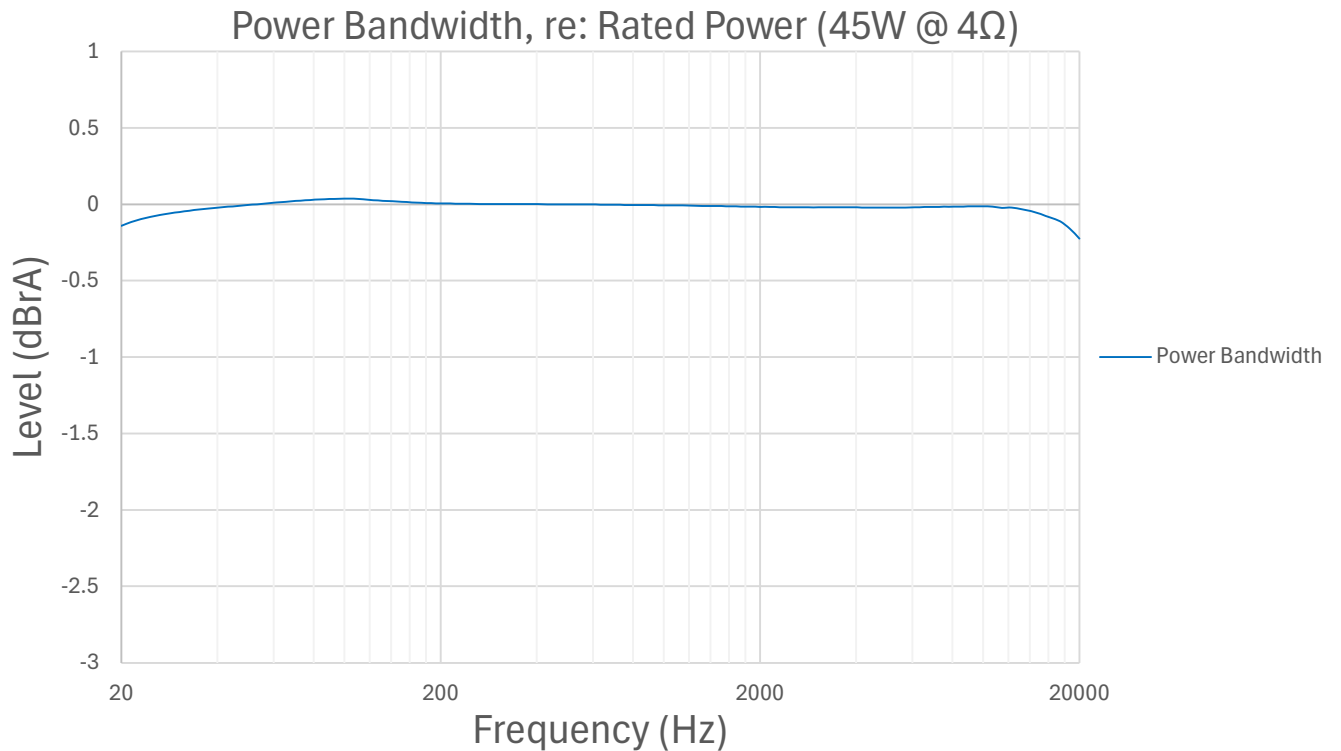
A - Amplifier Length	8-1/2"	216.5mm
A1 - Overall Length (with Power Connector)	9-1/4"	235.3mm
A2 - Power Connector Length	3/4"	18.8mm
B - Overall Width	3-5/16"	84.0mm
C - Amplifier Height	1-11/16"	42.9mm
C1 - Overall Height (with Power Connector)	1-3/4"	44.8mm
D - Mounting Holes Location - Width	2-13/16"	72.0mm
E - Mounting Holes Location - Length	8"	203.5mm
F - Mounting Hole Length	1/4"	6.5mm
G - Mounting Hole Width	1/8"	2.7mm
H - Mounting Hole Diameter	3/16"	5.0mm

Technical Graph Data

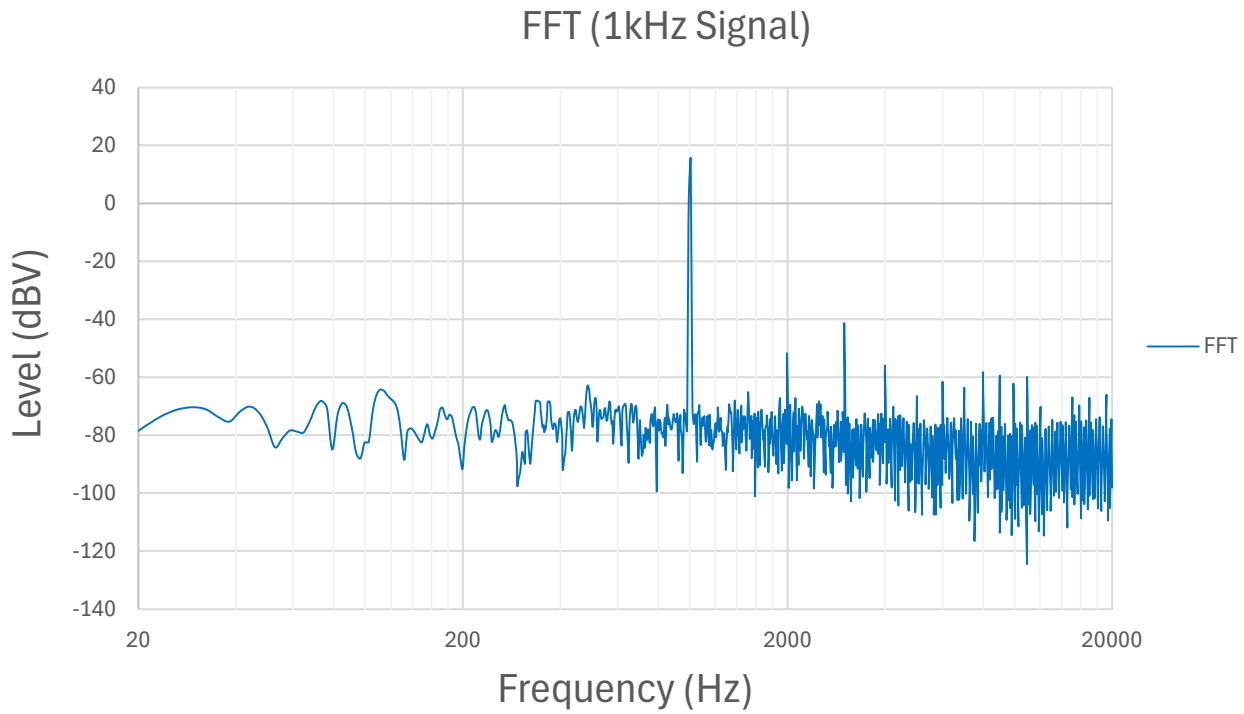
AMP1 and AMP2 - THD+N vs. Power (W) @14.4VDC



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



AMP1 and AMP2 - FFT



AMP1 and AMP2 Crossover Frequency Response

