

KICKER®

53VXA700.1

700 Watt Class D Mono Amplifier, RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω	250W x 1
Power (@14.4V, <1%THD+N)	2Ω	500W x 1
Power (@14.4V, <1%THD+N)	1Ω	700W x 1
Dynamic Power (@14.4V, <1%THD+N)	1Ω	900W x 1
Lowest Rated Impedance		1Ω
Signal to Noise Ratio (CEA)	1W	>-75dB
Signal to Noise Ratio	Rated Power	>-95dB
CMRR	50Hz	-40dB
Input Impedance		100kΩ
Frequency Response		10Hz - 200Hz
Variable LoPass Filter	12dB / Octave BW	50Hz - 200Hz
Fixed Subsonic Filter	24dB / Octave BW	15Hz
KickEQ™ Variable Bass Boost	40Hz	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<80A
Remote Gain Attenuation		-26dB - 0dB
Input Sensitivity		125mV - 10V
Under Voltage Protection		8V
Over Voltage Protection		16V

What's in the box?

53VXA700.1 Amplifier

VXARC Remote Bass Control and Cable

VX Amplifiers Mono Customer Information Card

KICKER® Birth Certificate

Hardware Pack - 3mm Hex Key, Mounting Hardware

Physical Materials

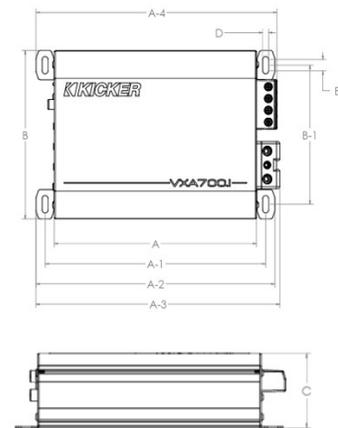
Heat Sink	Powder Coated Extruded Aluminum
End Plate	Powder Coated Stamped Steel
Bottom Plate	Powder Coated Stamped Steel
VXARC Bass Knob	Painted Injection Molded Plastic



Features

- Variable Active Crossover for ideal speaker matching
- Subsonic Filter for subwoofer protection
- Compatible with Start/Stop vehicle 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
- VXARC Remote Bass Control Included

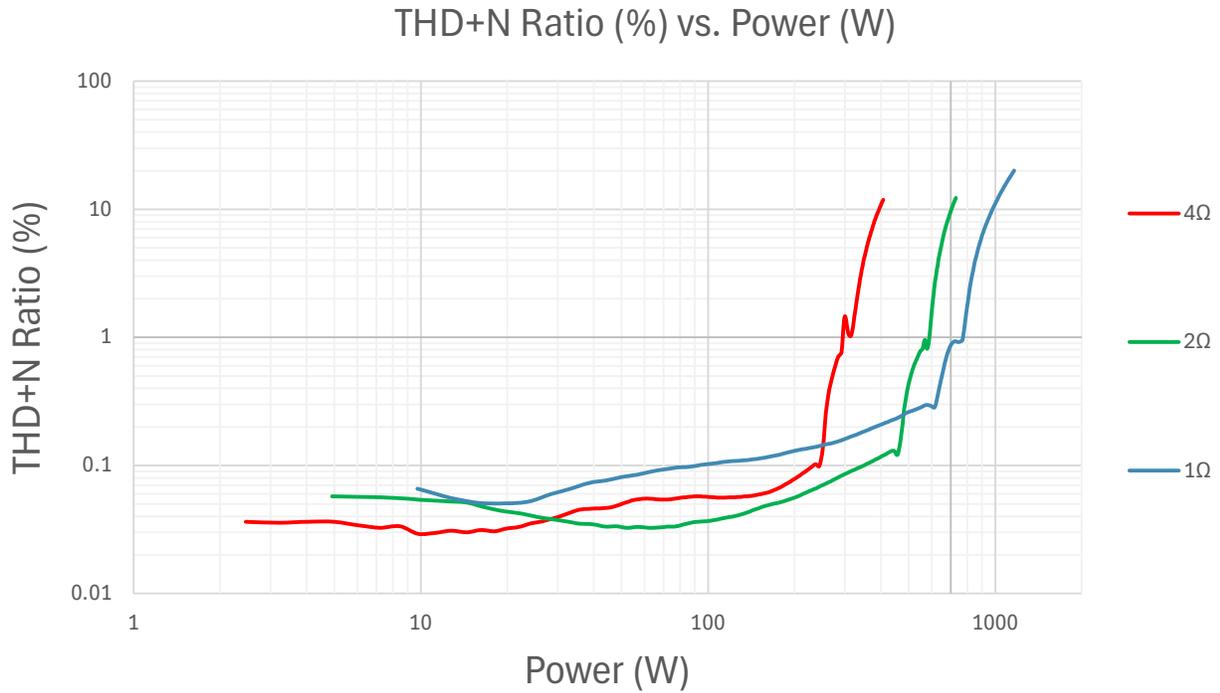
Unit Dimensions



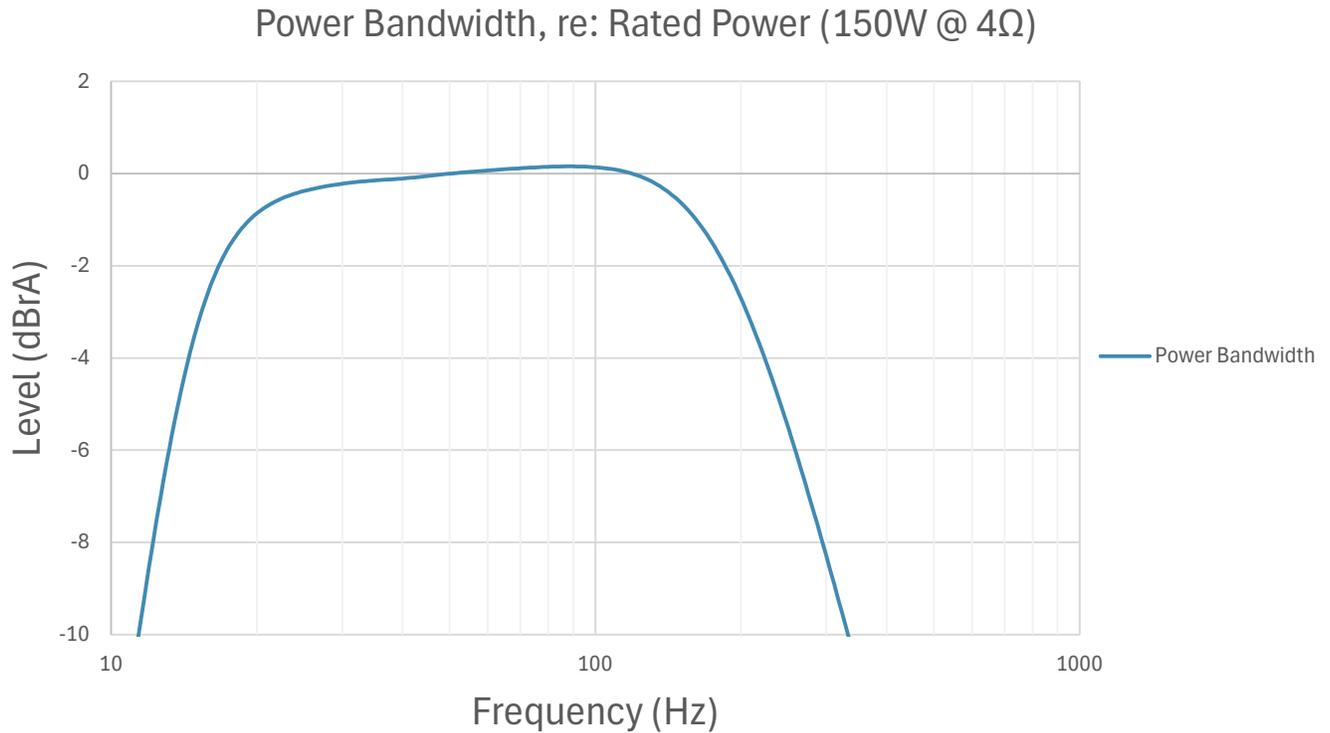
A - Chassis Length	7-13/32"	188.0mm
A-1 - Mounting Holes Location - Length	8-1/16"	205.0mm
A-2 - Mounting Bracket End to End - Length	8-3/4"	222.0mm
A-3 // A-4 - Overall Length	8-15/16"	226.0mm
B - Overall Width	5-29/32"	150.0mm
B-1 - Mounting Holes Location - Width	4-7/8"	124.0mm
C - Overall Height	2-3/16"	55.5mm
D - Mounting Holes Width	7/32"	5.5mm
E - Mounting Holes Diameter	13/32"	10.0mm

Technical Graph Data

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

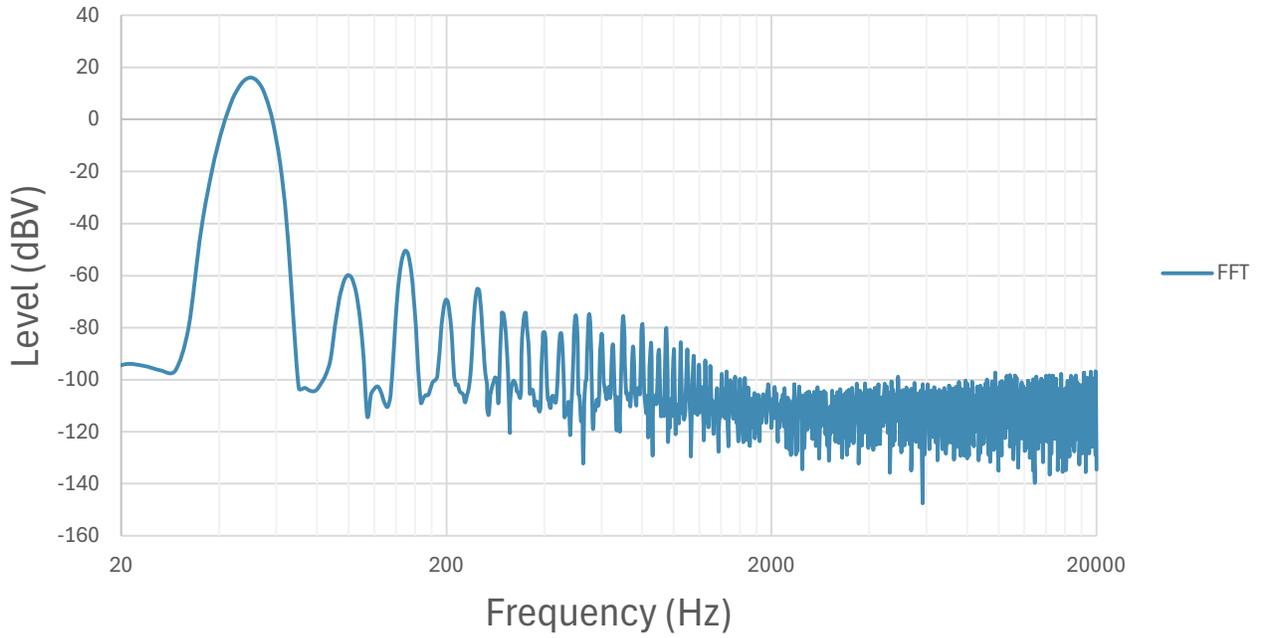


Power Bandwidth (4Ω) @14.4VDC



FFT

FFT (50Hz Signal)



Crossover Frequency Response

Crossover Frequency Response

