

KICKER®

53VXA350.1

350 Watt Class D Mono Amplifier, RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω	125W x 1
Power (@14.4V, <1%THD+N)	2Ω	250W x 1
Power (@14.4V, <1%THD+N)	1Ω	350W x 1
Dynamic Power (@14.4V, <10%THD+N)	1Ω	500W
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)		<40A
Remote Gain Attenuation		-26dB - 0dB
Input Sensitivity		125mV - 10V
Under Voltage Protection		8V
Over Voltage Protection		16V

What's in the box?

53VXA350.1 Amplifier
VXARC Remote Bass Control and Cable
VX Amplifiers Mono Customer Information Card
KICKER® Birth Certificate
Hardware Pack - Mounting hardware

Physical Materials

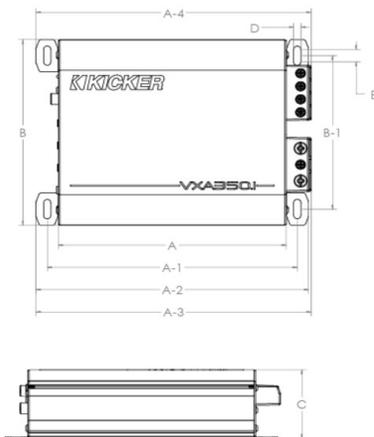
Heat Sink	Powder Coated Extruded Aluminum
End Plate	Powder Coated Stamped Steel
Bottom Plate	Powder Coated Stamped Steel
VXARC Bass Knob	Painted Injection Molded Plastic



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



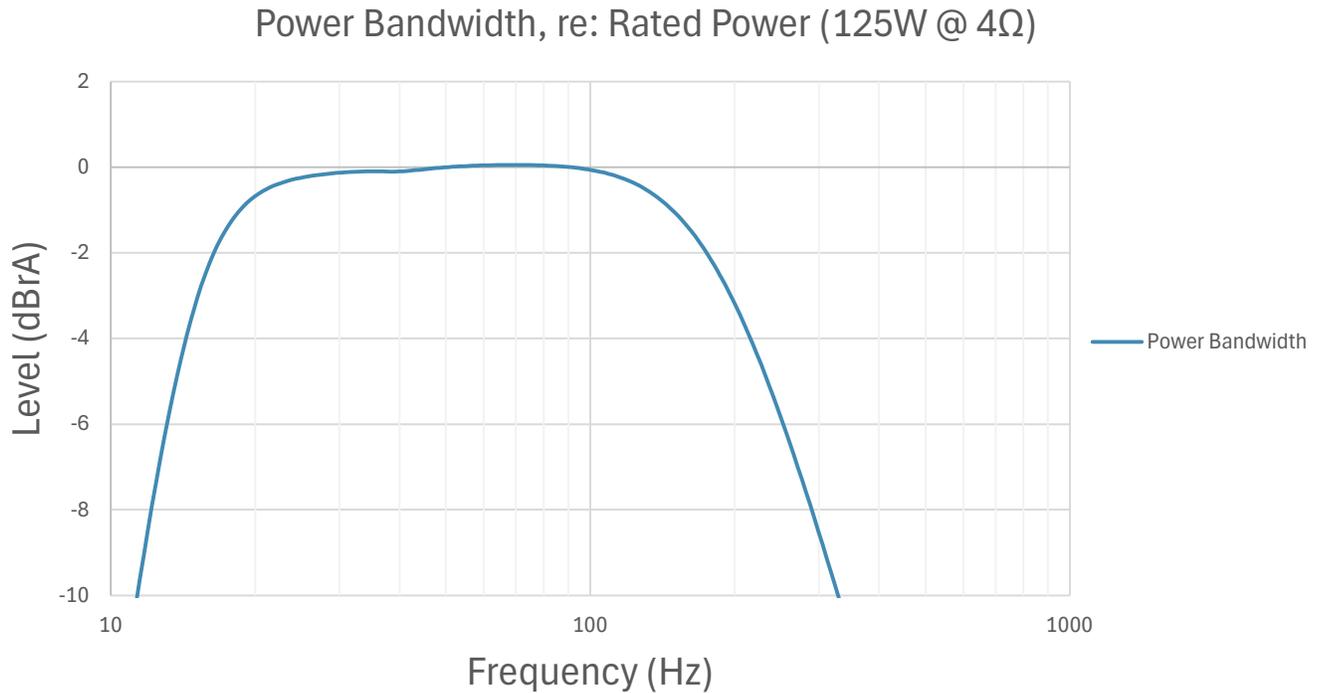
A - Chassis Length	6-13/16"	173.0mm
A-1 - Mounting Holes Location - Length	7-15/32"	190.0mm
A-2 - Mounting Bracket End to End - Length	8-5/32"	207.0mm
A-3 // A-4 - Overall Length	8-7/32"	209.0mm
B - Overall Width	5-29/32"	150.0mm
B-1 - Mounting Holes Location - Width	4-7/8"	124.0mm
C - Overall Height	2-3/16"	55.5mm
D - Mounting Holes Width	7/32"	5.5mm
E - Mounting Holes Length	13/32"	10.0mm

Technical Graph Data

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

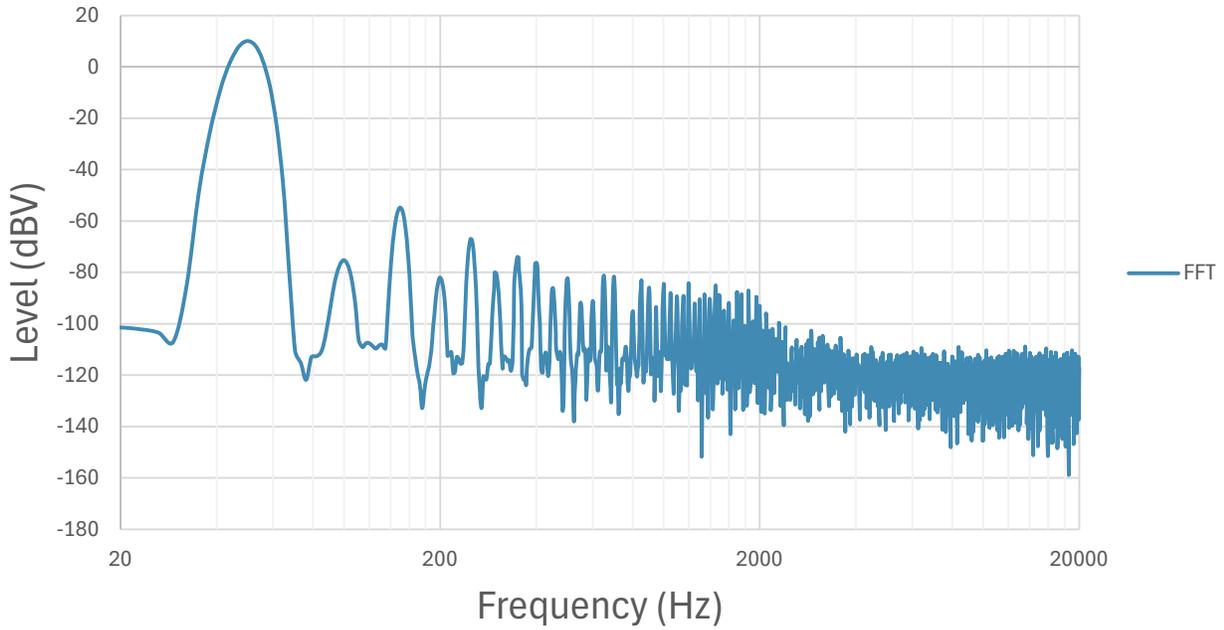


Power Bandwidth (4Ω) @14.4VDC



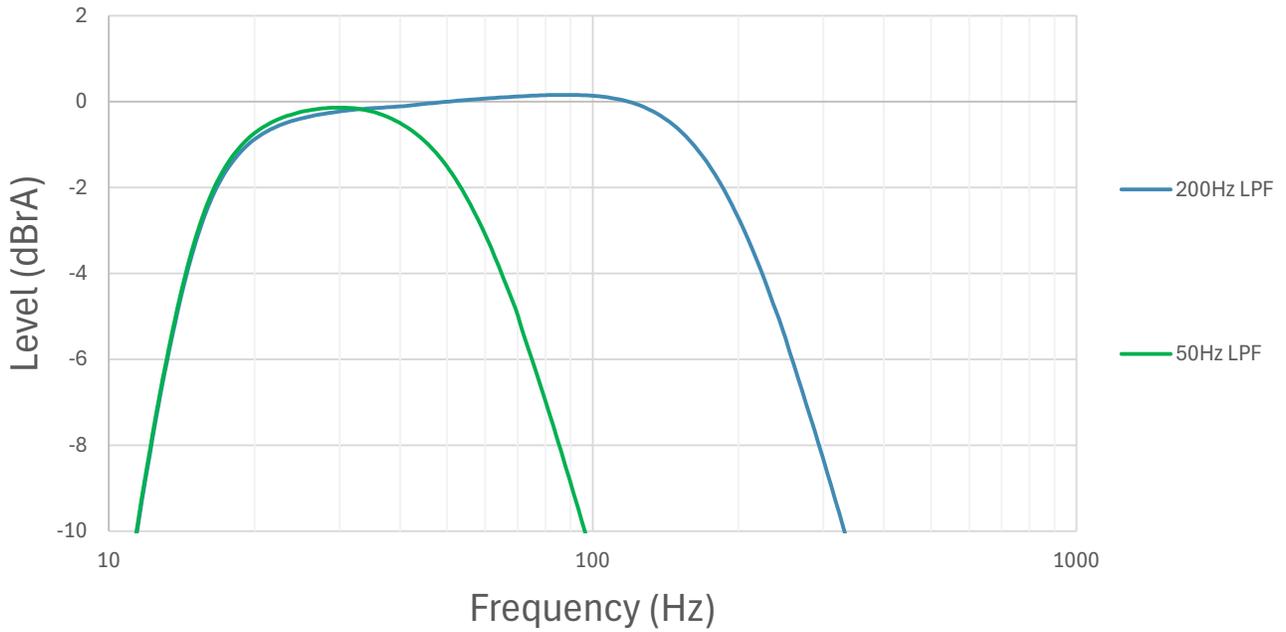
FFT

FFT (50Hz Signal)



Crossover Frequency Response

Crossover Frequency Response



KickEQ™

