KICKER®

53CXA1500.1

1500 Watt Mono Class D Sub Amp

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	**4Ω**	550W x 1
Power (@14.4V, <1%THD+N)	**2Ω**	1000W x 1
Power (@14.4V, <1%THD+N)	**1Ω**	1500W x 1
Dynamic Power (@14.4V, <10%THD+N)	**1Ω**	1650W
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		15Hz - 200Hz
Variable LoPass Filter	**24dB / Octave LR**	50Hz - 200Hz
Fixed Subsonic Filter	**24dB / Octave LR**	15Hz
KickEQ™ Variable Bass Boost	**40Hz**	0dB - 6dB
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Current Draw (Rated Power)		<150A
Remote Gain Attenuation		-26dB - 0dB
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		1V - 40V
Under Voltage Protection		7V (warning at 10.5V)
Over Voltage Protection		16V

What's in the box?

- 53CXA1500.1
- CXA Mono Customer Information Card
- 51KD2 Sticker Pack
- Kicker Amplifier Certificate of Performance Card
- KICKER® Power Chart
- Hardware Pack - 3mm hex key, and mounting hardware

Physical Materials

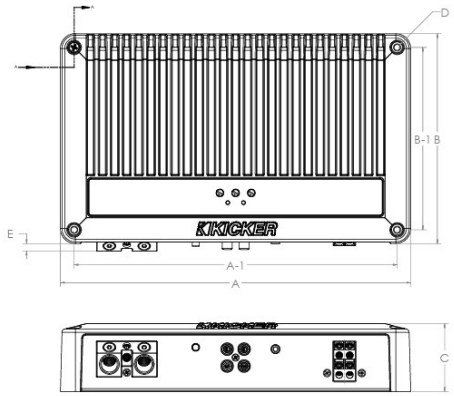
Heat Sink	Sand Blast Powder Coated Die Cast Aluminum
Bottom Panel	Powder Coated Stamped Steel
Control Panel Label	Mylar Plastic with Brushed Finish



Features

- **Class-D Design for Lower Current Draw and Operating Temperatures**
- **Active Thermal Management for All-Day Play Time**
- **Compact Footprint fits almost anywhere**
- **Gain-Match LED Indicator for Dialing In the Perfect Gain Setting**
- **24 dB/Octave Low-Pass Crossover for Cleaner Bass**
- **Ultra-Low Subsonic Filter for Critical Subwoofer Protection**
- **Remote Bass Knob (sold separately) Controls Bass Level From Your Dash**
- **FIT+™ Differential Inputs - near universal compatibility with source units**
- **KickEQ™ Bass Boost for additional low frequencies**

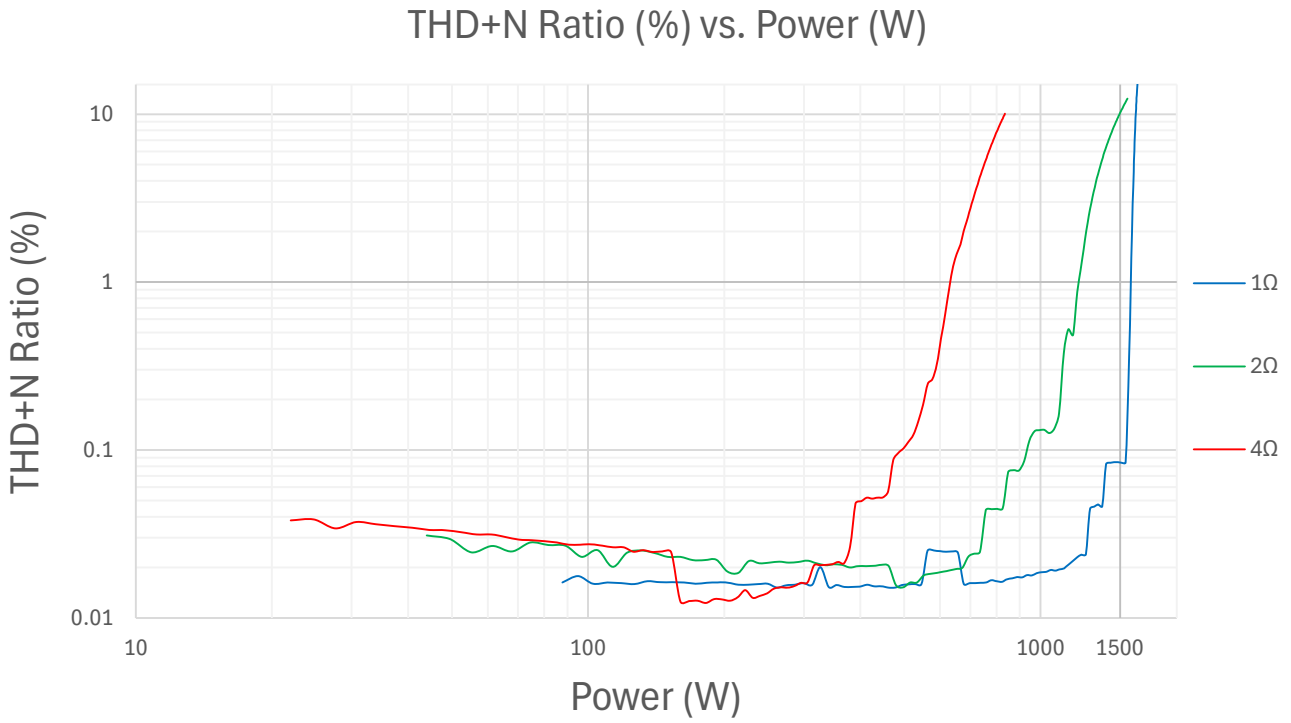
Unit Dimensions



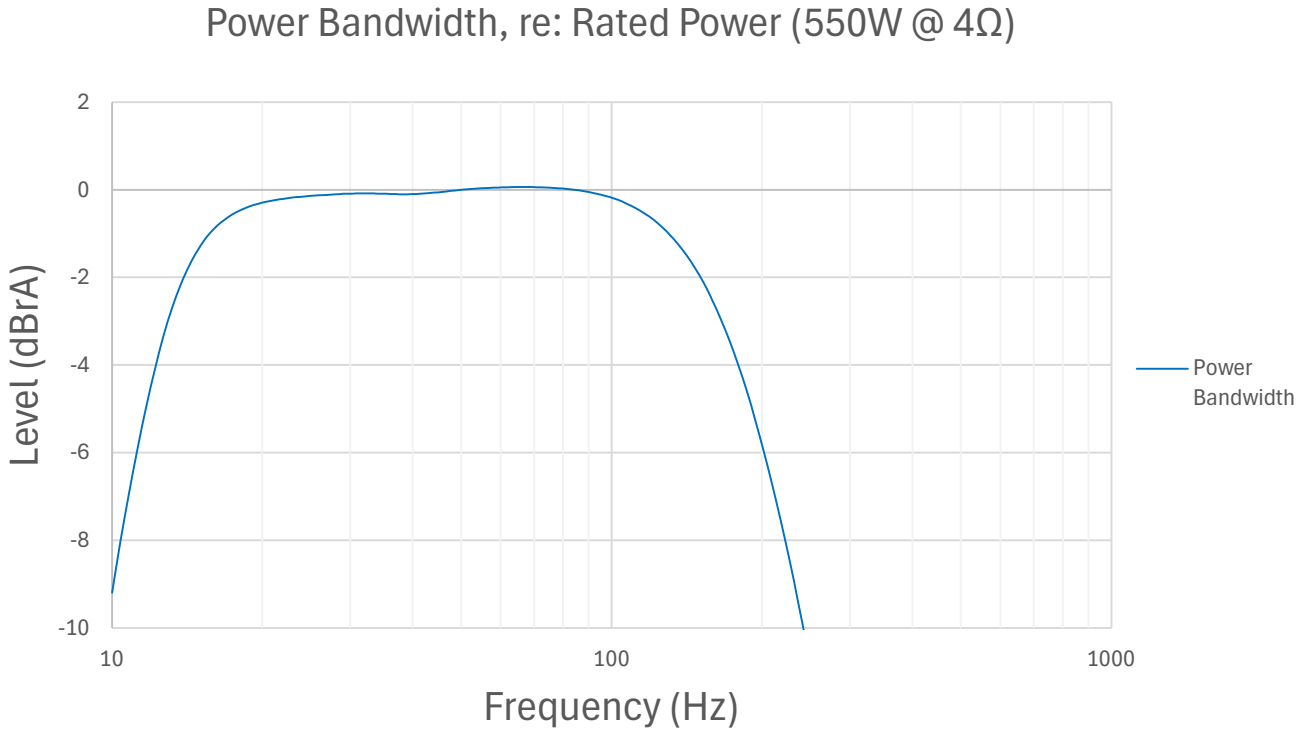
A - Overall Length	**11-13/32"**	**290.0mm**
A-1 - Mounting Holes Location - Length	**10-1/2"**	**267.0mm**
B - Overall Width	**6-27/32"**	**174.0mm**
B-1 - Mounting Holes Location - Width	**5-15/16"**	**151.0mm**
C - Overall Height	**2-7/32"**	**56.0mm**
D - Outer Mounting Hole Diameter	**3/16"**	**5.0mm**
E - Power Terminal Extrusion	**9/32"**	**7.0mm**

Technical Graph Data

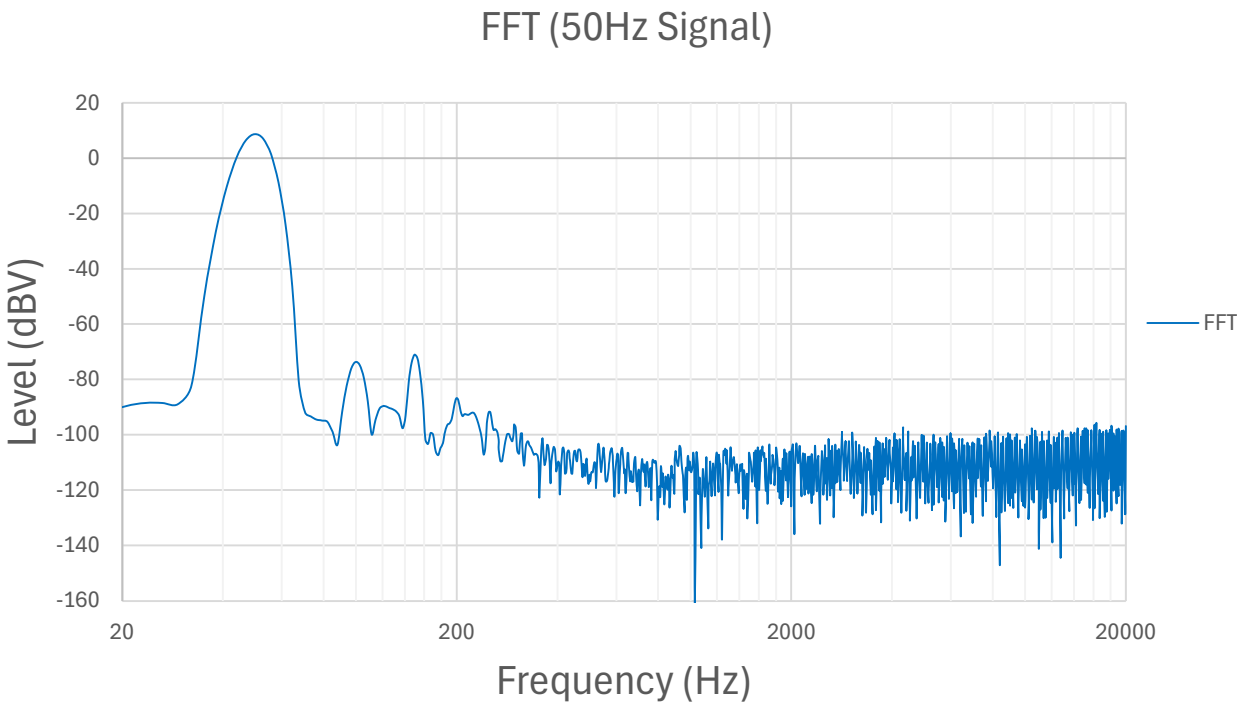
THD+N vs. Power (W) @14.4VDC



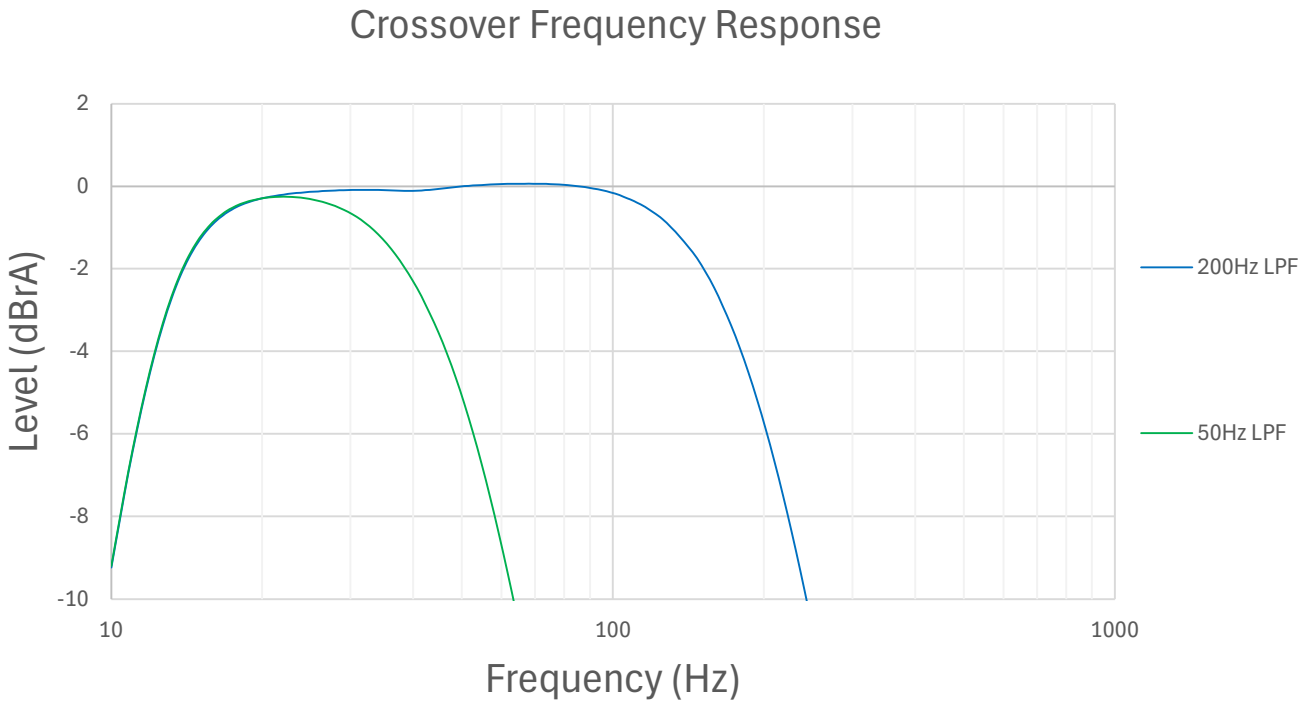
Power Bandwidth (4Ω) @14.4VDC



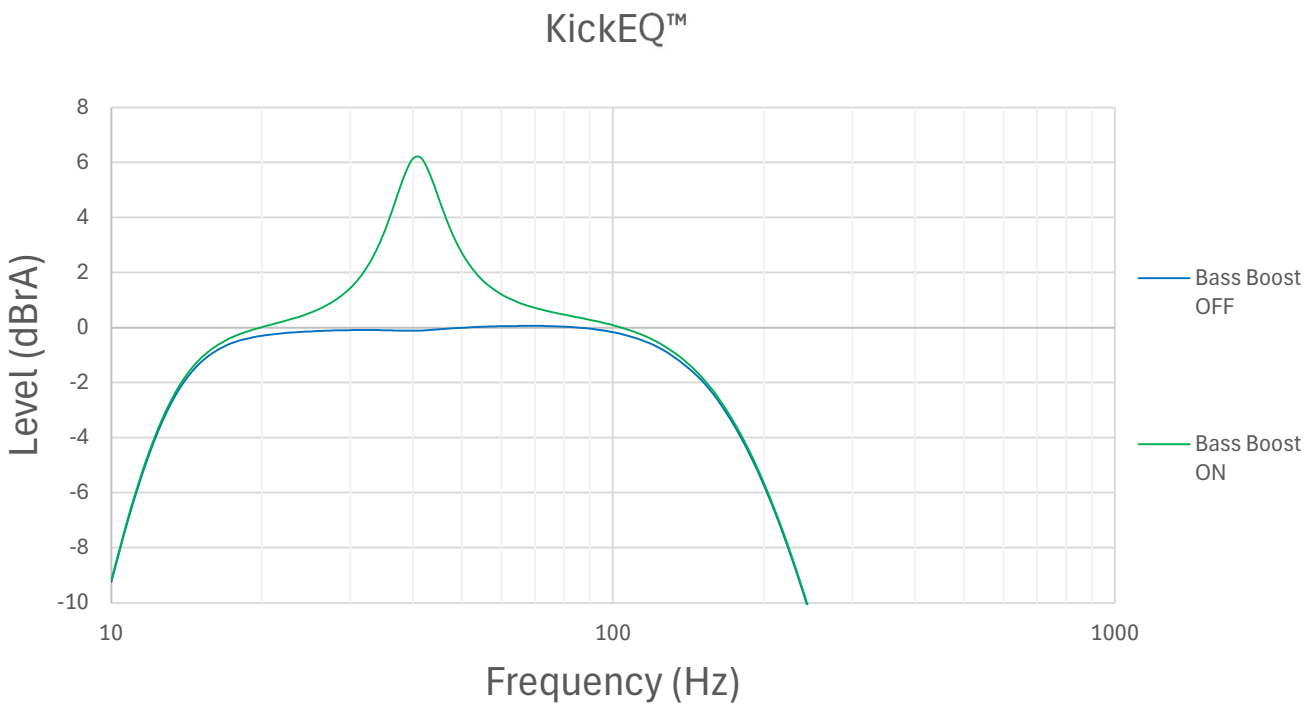
FFT



Crossover Frequency Response



KickEQ™


KickEQ™
Level (dBrA)
8
6
4
2
0
-2
-4
-6
-8
-10
10
100
1000
Frequency (Hz)
Bass Boost OFF
Bass Boost ON