



53KEY200.4

4x50w 4-Ch Full-Range Smart Amp w Start/Stop capability, RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω Stereo	50W x 4
Lowest Rated Impedance		4Ω Stereo
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&2)	24dB / Octave LR	OFF, 60Hz, 80Hz, 120Hz
BI-AMP Mode HiPass Filter (Amp 1)	24dB / Octave LR	320Hz or 3.2kHz
BI-AMP Mode LoPass Filter (Amp 2)	24dB / Octave LR	640Hz or 3.2kHz
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<3A
Input Sensitivity		250mV - 10V
Under Voltage Protection		6V (warning at 10.5V)
Over Voltage Protection		16V

What's in the box?

47KEY200.4

Signal Input Harness

Power and Speaker Harness

Fuse Holder with 20A Fuse

KEY200.4 Customer Information Card

Hardware Pack - mounting hardware

Auto EQ Microphone with Selector Switch and Headrest Mount

Physical Materials

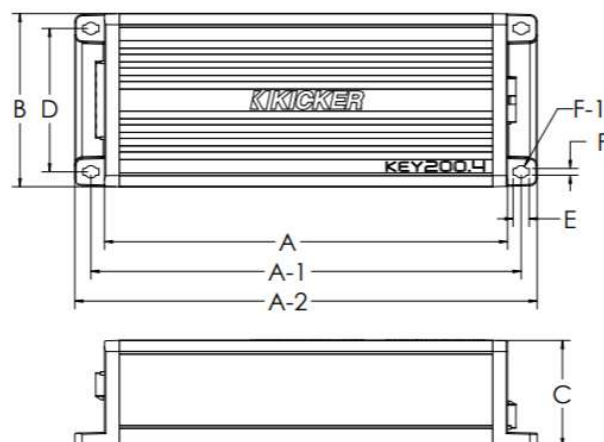
Heat Sink	Anodized Extruded Aluminum
End Caps	Painted Injection Molded ABS Plastic
Bottom Panel	Powder Coated Stamped Steel



Features

- **KEY Technology** drastically improves audio quality and soundstage
- **FIT2™ Differential Inputs** - near universal compatibility with source units
- **Bi-Amp** capable for improved staging and more power to your front speakers
- **60Ω Radio Detect** resistors for compatibility to most source units
- **Auto EQ Microphone with Selector Switch** Included
- **Fully Start/Stop Compliant** - operational down to 6V
- **Extremely compact footprint** - perfect for space compromised vehicles

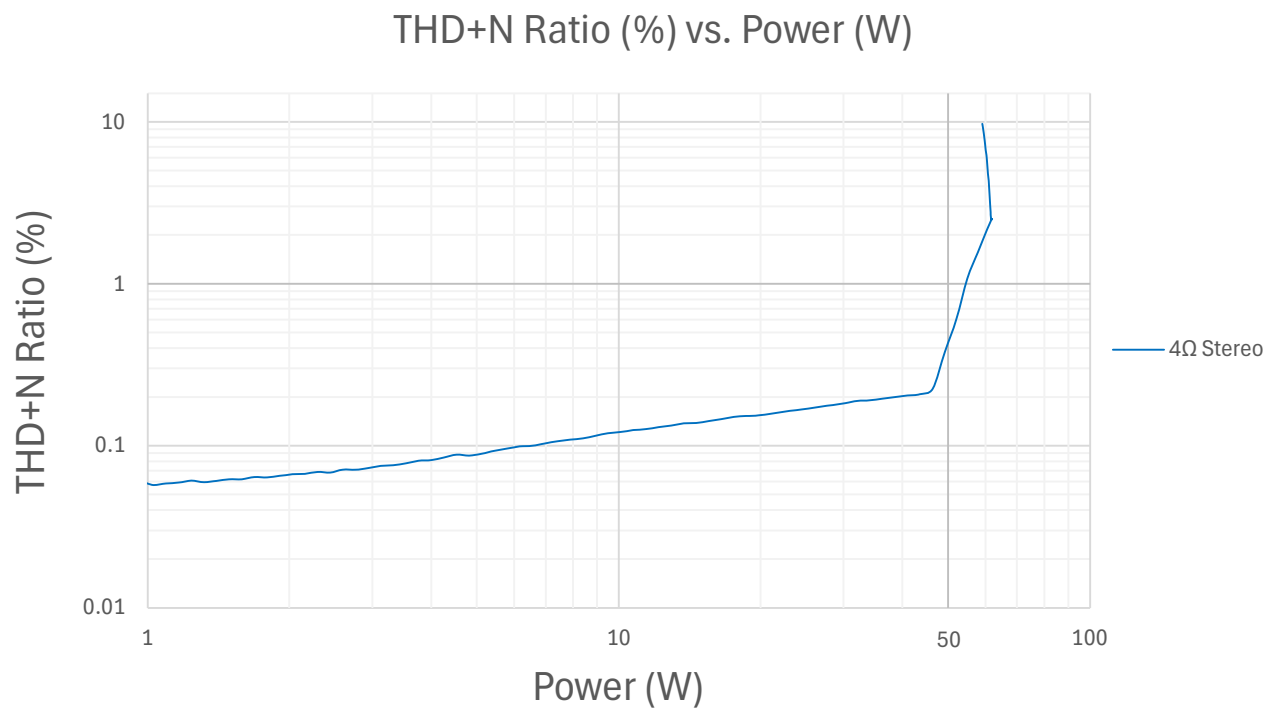
Unit Dimensions



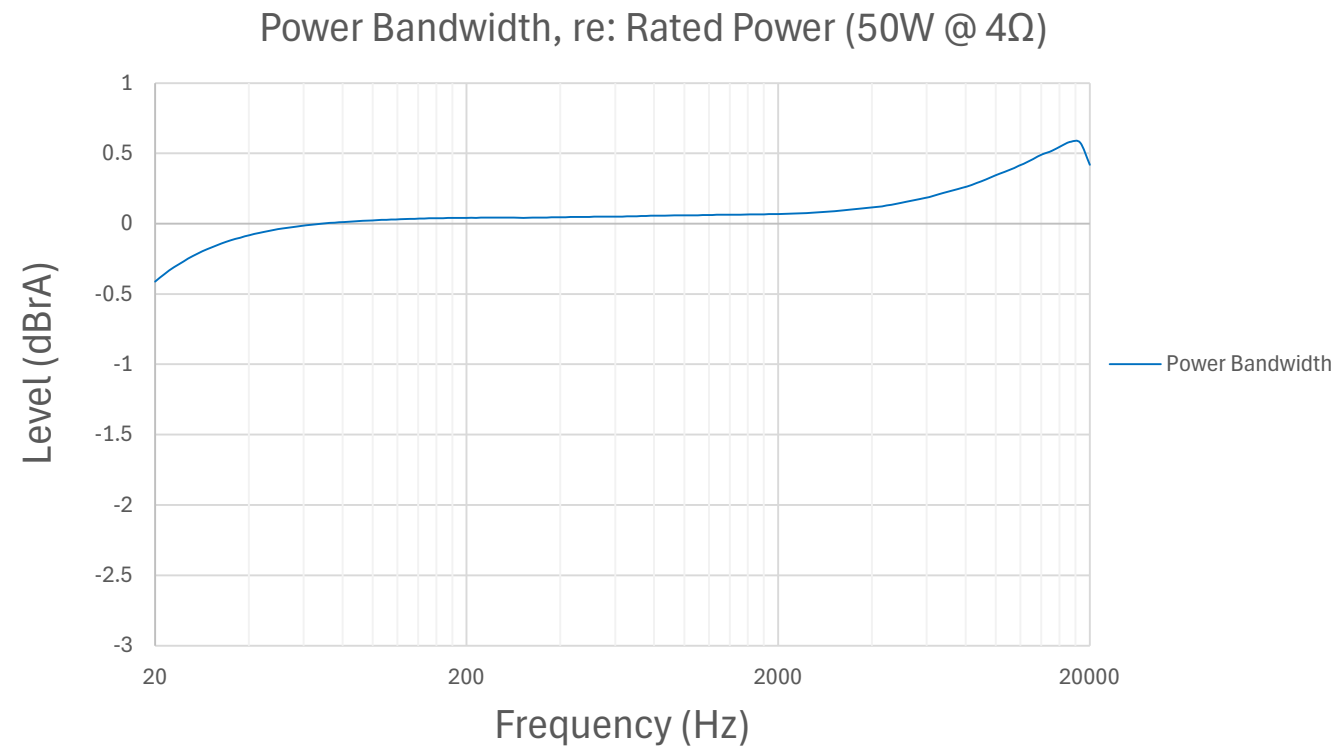
A - Chassis Length	6-13/32"	163.0mm
A-1 - Mounting Holes Location - Length	6-27/32"	174.0mm
A-2 - Overall Length	7-3/8"	187.0mm
B - Overall Width	2-3/4"	70.0mm
C - Overall Height	1-11/16"	42.9mm
D - Mounting Holes Location - Width	2-9/32"	58.0mm
E - Mounting Hole Length	1/4"	6.5mm
F - Mounting Hole Width	3/32"	2.7mm
F-1 - Mounting Hole Diameter	3/32"	2.5mm

Technical Graph Data

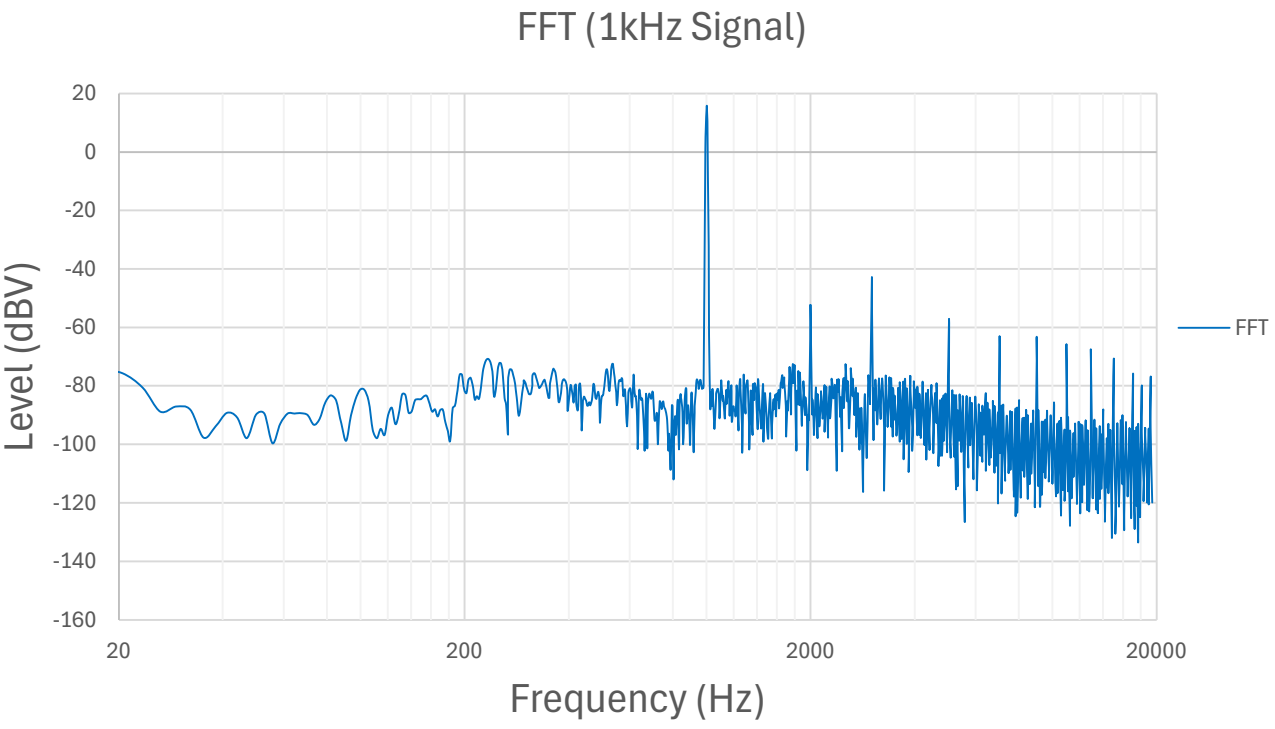
AMP1 and AMP2 - THD+N vs. Power (W) @14.4VDC



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



AMP1 and AMP2 - FFT



AMP1 and AMP2 Crossover Frequency Response

