



48KXMA1200.2

2x600 Watt Class D Full Range Amplifier; RoHS Compliant

Specifications

| Electrical Parameters | | |
|-----------------------------------|-------------------------|--------------------------|
| Power (@14.4V, <1%THD+N) | 4Ω Stereo | 300W x 2 |
| Power (@14.4V, <1%THD+N) | 2Ω Stereo | 600W x 2 |
| Dynamic Power (@14.4V, <10%THD+N) | 2Ω Stereo | 1500W |
| Lowest Rated Impedance | | 2Ω Stereo |
| Signal to Noise Ratio (CEA) | 1W | >-70dB |
| Signal to Noise Ratio | Rated Power | >-95dB |
| Channel Separation (Rated Power) | 1000Hz | >55dB |
| CMRR | 1000Hz | -40dB |
| Input Impedance | | >20kΩ |
| Frequency Response | | 10Hz - 20kHz |
| Variable HiPass Filter | 24dB / Octave BW | 10Hz - 500Hz |
| Variable LoPass Filter | 24dB / Octave BW | 40Hz - 5kHz (10X Switch) |
| Variable BandPass Filter | 24dB / Octave BW | 10Hz - 5kHz (10X Switch) |
| KickEQ™ Variable Bass Boost | 40Hz | 0dB - 6dB |
| Standby Current (Remote Off) | | <2mA |
| Idle Current (Remote On) | | <3A |
| Current Draw (Rated Power) | | <150A |
| Low Level Input Sensitivity | | 125mV - 5V |
| High Level Input Sensitivity | | 250mV - 10V |
| Under Voltage Protection | | 10V (warning at 10.5V) |
| Over Voltage Protection | | 16V |

What's in the box?

48KXMA1200.2

KXMA Stereo Customer Information Card

KICKER® Power Chart

Birth Certificate

Hardware Pack - 3mm hex key, stainless steel mounting hardware, & RCA covers

Physical Materials

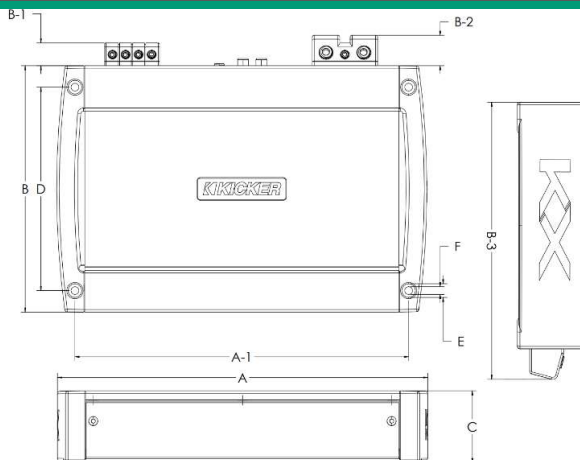
| | |
|---------------------|---------------------------------------|
| Heat Sink | UV Treated Anodized Extruded Aluminum |
| End Caps | Painted Injection Molded ABS Plastic |
| Bottom Panel | Powdercoated Aluminum |



Features

- KICKER Real Marine™ Designed for Marine Environments
- Conformal Coated Printed Circuit Board to Resist Moisture
- ABYC/NMMA-Compliant Power Terminals
- UV Treated Aluminum Chassis
- LED Illuminated Gain Knob with Clip Indicator
- KickEQ™ Bass Boost for Additional Low Frequencies
- FIT™ Differential Inputs - Near Universal Compatibility with Source Units

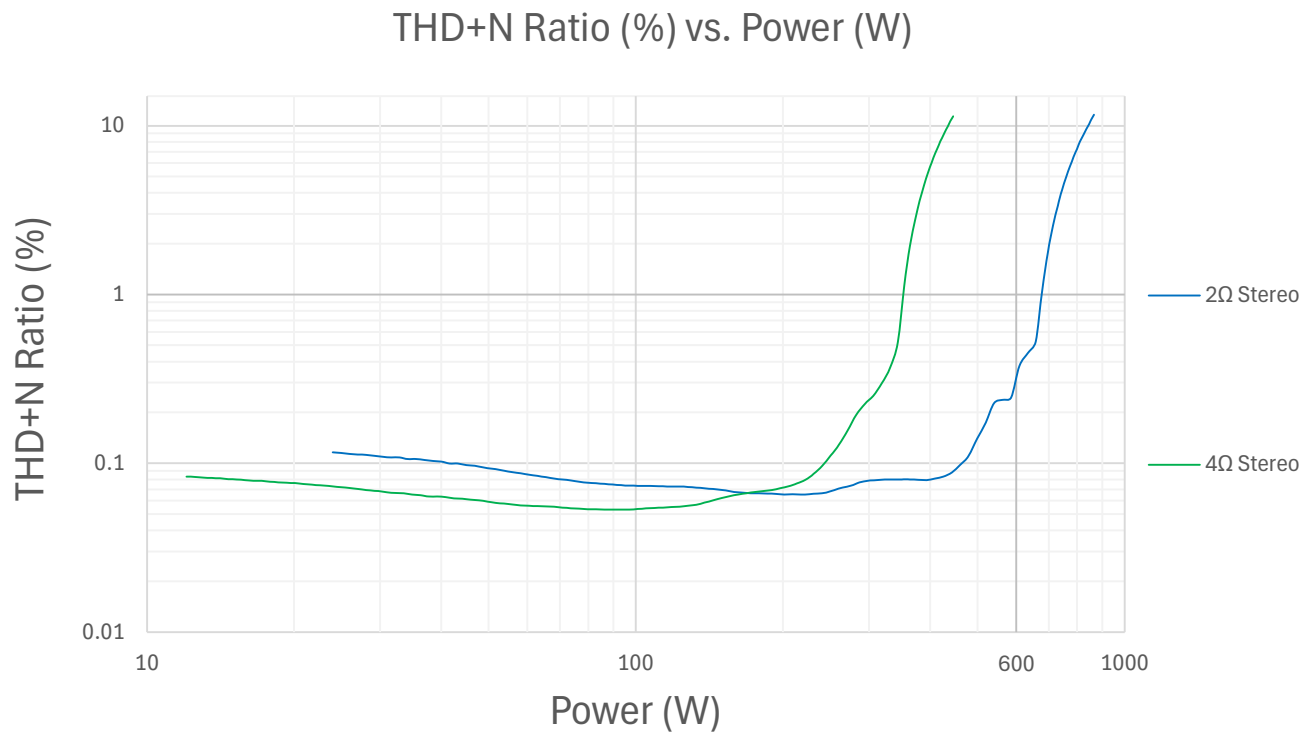
Unit Dimensions



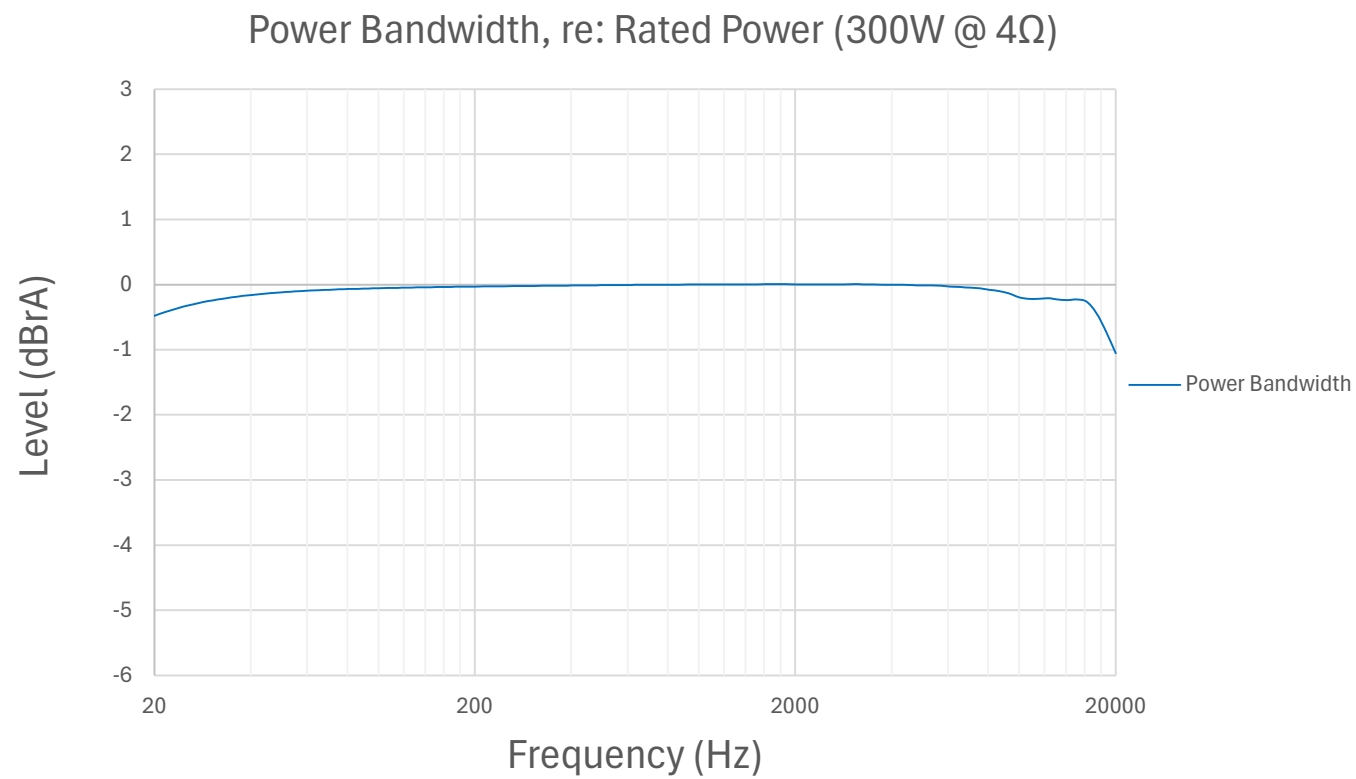
| | | |
|--|-----------------|----------------|
| A - Overall Length | 11-3/16" | 284.0mm |
| A-1 - Mounting Holes Location - Length | 10-1/16" | 255.5mm |
| B - Chassis Width | 7-7/16" | 189.0mm |
| B-1 - Speaker Terminals Length | 11/16" | 17.4mm |
| B-2 - Power Terminals Length | 29/32" | 23.3mm |
| B-3 - Overall Width | 8-5/16" | 210.0mm |
| C - Overall Height | 2-1/8" | 55.0mm |
| D - Mounting Holes Location - Width | 6-5/32" | 156.0mm |
| E - Mounting Hole Outer Diameter | 13/32" | 10.5mm |
| F - Mounting Hole Inner Diameter | 1/4" | 6.0mm |

Technical Graph Data

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

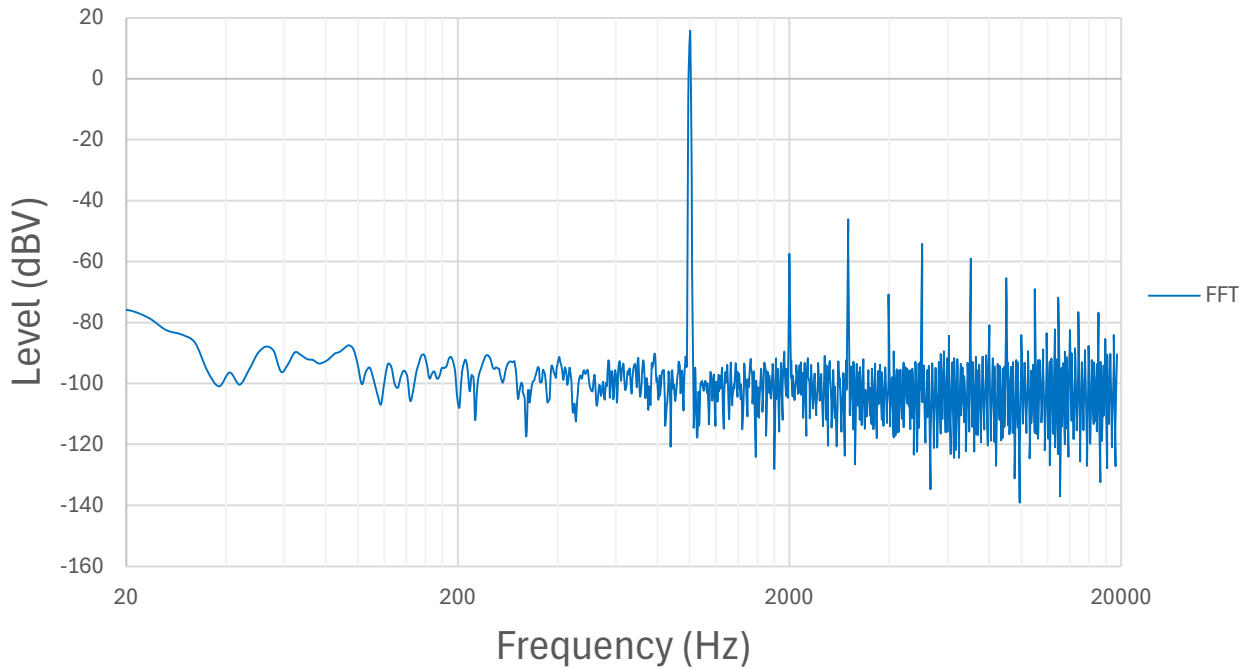


Power Bandwidth (4Ω) @14.4VDC



FFT

FFT (1kHz Signal)



Crossover Frequency Response

Crossover Frequency Response

