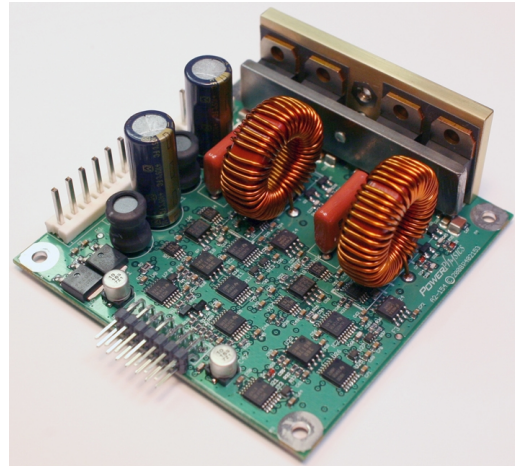


Features:

- Patented One-Cycle Sound™ Control
- 2x 150W Switching Amplifiers
- Bridgeable to 500W (4Ohms, 1% THD+N)
- Synchronized Switching Frequencies
- Output Feedback
- 117 dBA dynamic Range
- THD+N < 0.05%, 0.1W to 150W per channel
- Full range 20 to 20kHz Bandwidth
- Efficiency: Amp > 95%
- Damping Factor > 375 @ 100Hz 4 Ohms
- DC offset < 25mV
- Remote Disable
- Silent Turn-On
- Full Protection:
 - Over Current Speaker Short
 - Over Current Short to Chassis Ground
 - Over Temperature Protection
 - Power Supply Under Voltage Lockout
- Monitor Outputs:
 - Output Current Monitor
 - Temperature Monitor
 - Protect and Power On
- Power Supply Daisy Chain Connector



A2-154 Dual Channel Amplifier

- Compatible with P-500PFC, P-600-80, LP-400 and LP-600 Power Supplies and DSPn and DSPc Preamplifiers
- Dimensions:
 - inches: 3.0 x 3.0 x 1.0 (1.25 mounted)
 - mm: 76 x 76 x 26 (33 mounted)

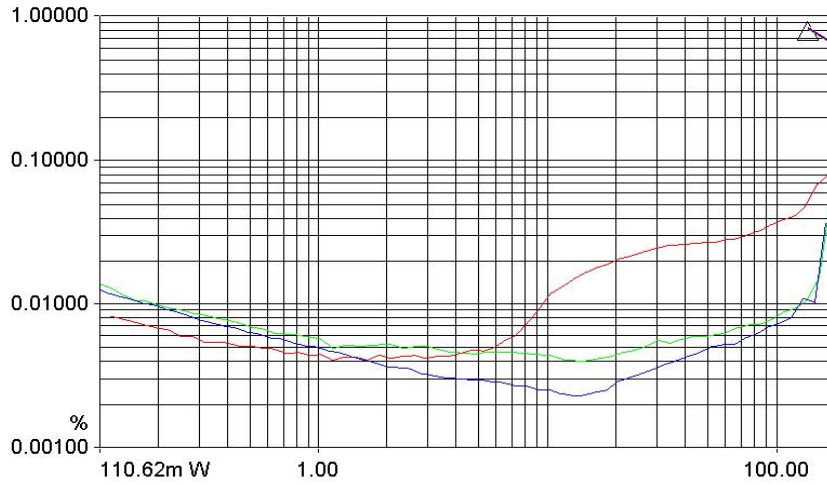
Product Description:

The A2-154 is PowerPhysics first two-channel amplifier based on our patented “One Cycle Sound™” PWM control method. Without modifications or special orders, the A2-154 channels can be bridged to provide 500 Watts at 1% distortion. Temperature and current monitoring outputs are provided for off board analysis in our DSP series of preamplifier. The amplifier's half-bridge output stage is thoroughly protected against any type of output short or speaker fault to provide robust, long term operation.

The A2-154 accepts a bus voltage up to +/-44 Volts for high peak power. Like all of PowerPhysics A-series amplifiers, the A2-154 is very efficient and a high bus voltage does not force the use of large heat sinks or fans. Musical transients have the headroom they need and unused power is not converted into heat.

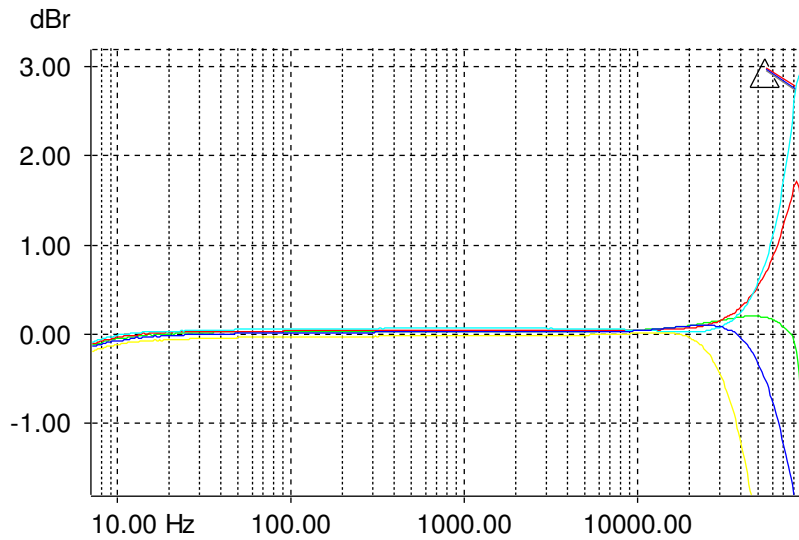
PowerPhysics sells the A2-154 as a stand alone product mounted on its SOLO chassis. We sell a wide variety of amplifiers, power supplies and preamplifiers to meet the needs of most audio electronics manufacturers. For a quotation on your custom application please give us a call.

THD+N vs. Power



100Hz, 1kHz, 6.67kHz. AES17 Filter. 4 Ohm Load

A-150 frequency response



1.5ohm, 2.25ohm, 4ohm, 8ohm, Open Loop. While Stable at 1.5ohms, the recommended minimum load is 2.5ohms