



1 Ohm Stable

The lowest impedance accepted by this amplifier is 1 ohm. Amplifiers that are 1 ohm stable produce the most power possible from the amp. An amplifier capable of delivering power at a 1 ohm load is usually reserved for serious subwoofers that can handle the power. Please note this particular amp needs a healthy electrical system including a low gauge wire capable of delivering the necessary current.



Class D Amps

Class D is a high speed switching amplifier technology that is more efficient, generates less heat and draws less power than traditional Class A/B amps. We use Class D in our monoblock amplifiers to give you massive amounts of power in a relatively small footprint for clean, powerful, bass.



Protection

If the amplifier gets too hot, the thermal protection circuit turns the amp off and allows the amp to cool down before turning it back on. If a speaker fails causing an electrical short, the protection circuit will automatically cut the output and remain in that state until the short is resolved. These safety features give you peace of mind knowing the amplifier is constantly monitoring conditions to protect itself.



Strapping Capability

Strapping capability means that two amplifiers can be linked together to create double the power at an impedance of 2 ohms. A benefit of strapping is less electrical current is required than if you ran [2] individual amps at 1 ohm and you only need 1 pair of preamp outputs and [1] RCA cable to connect.



Subwoofer Level Control

The ability to boost or attenuate the sub level when an amp and subwoofer are connected to the subwoofer pre-amp output.



Switchable Input Sensitivity

Switchable Input Sensitivity gives you the freedom to connect the amp to any standard source unit and have peace of mind it will be within range to properly match the output of the source unit allowing you to use the volume controls on your source unit the way it was designed.



Variable Bass Boost

Variable Bass Boost allows you to adjust the low bass within the boost range to just the way you like it.



Variable Gain Control

Variable Gain Control lets you balance the amps output with the speakers or subs the amp is driving. Too much gain will lead to distortion and too little will lead to clipping.



Variable Low Pass Filter

Variable low-pass filter gives you control over the frequencies that pass through to the subwoofer.