



2 Ohm Stable

The lowest impedance accepted by this [amplifier](#) is 2 ohms. Amplifiers that are 2 ohms stable produce more power resulting in more volume. This amp can comfortably power speakers or subwoofers with all channel(s) being used at a load of 2 ohms.



Class A/B

Class A/B amplifiers have long been known for their ability to produce great quality sound while performing more efficiently than pure Class A amplifiers. We have developed a specific linear circuitry that further reduces distortion while increasing both sound quality and power output.



Fixed High Pass Filter

Fixed High-pass filter gives you the ability to filter the frequencies that pass through to the full range speakers from a fixed frequency point.



High and Low Level Inputs

An amplifier with both high-level and low-level inputs provides flexibility by allowing you to build an audio system using virtually any standard factory or aftermarket source unit. High-level (speaker level) inputs accept the signal from the speakers, while low-level (RCA) inputs accept the signal from the pre-amp outputs of the source unit.



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.



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.