



Thank you for purchasing a PRV Audio amplifier!
The PRV Amplifier delivers the most innovative and powerful Brazilian technology in full range class D 12v amplifiers on the market.



Before connecting your amplifier review all recommendations, **Any connection to the amplifier input or output must be performed only when amplifier is OFF.**

The gauge of the power supply wiring is extremely important to reach the desired amplifier output and for the amplifier's safety. Not using the recommended wire gauge will result in power loss and overheating of cables. **It is important that the power supply cables are the shortest possible length.** Always use 100% Cooper cables and good quality connectors. This guarantees the sound's quality and fidelity;

In order to avoid interferences, the signal cables (RCA) must be kept away from the original wiring of vehicle and from any other power supply cable.

Amplifier must be installed in a solid and ventilated area. Do not mount amplifier to the back of a subwoofer box; excess vibration may cause damage to the amplifier.

Model	SQ1000.4 2Ω	SQ2000.4 2Ω	SQ4000.4 2Ω
Channels	04	04	04
Rated RMS Power at 13.0 V at 2 Ohm	4x 200 Watts RMS	4x 475 Watts RMS	4x 850 Watts RMS
Rated RMS Power at 13.0 V at 4 Ohm	4x 160 Watts RMS	4x 300 Watts RMS	4x 500 Watts RMS
Bridged Rated RMS Power at 13.0 V at 4 Ohm	2x 400 Watts RMS	2x 950 Watts RMS	2x1900 Watts RMS
Rated RMS Power at 14.4 V at 2 Ohm	4x 260 Watts RMS	4x 620 Watts RMS	4x 1000 Watts RMS
Bridged Rated RMS Power at 14.4 V at 4 Ohm	2x 520 Watts RMS	2x 1100 Watts RMS	2x 2000 Watts RMS
Average Efficiency	80%	79%	78%
Operating Voltage	10 - 16 Volts		
Musical Current Draw	60 Amps	115 Amps	195 Amps
Minimal Power Wire Input	(OFC) 8 Gauge wire	(OFC) 4 Gauge wire	(OFC) 0 Gauge wire
Minimal Speaker Wire Output	14 Gauge	14 Gauge	12 Gauge
Frequency Response (-3db)	20 - 25,000 Hz	20 - 22,000 Hz	20 - 20,000 Hz
Min. Input Sensitivity for Max. Output	290 mV		
Signal Input	1 Pair RCA		
Signal To Noise	>90dB		
Protection System	Low & High Supply Voltage / Shortage on Output / Low Impedance on Output		
Heat Sink Type	Heavy Duty Cast aluminum		
Dimensions (Width x Depth x Height)	6.90" x 4.45" x 2"	9" x 10.25" x 2.75"	9" x 10.25" x 2.75"
Weight	2.95 Lbs	7.50 Lbs	7.70 Lbs

The power rated data are based on equipment from the PRV Audio Group laboratory. Frequency reference of 100Hz to 1kHz with THD+N to $\pm 1\%$ in impedances referring to the indicated in each measurement. The electronic components and the manufacturing process can present manufacturing variations, thus leading to a variation in the measurements made. This amplifier is designed to perform on

STATUS LED is BLUE

-Indicates amplifier is ON.

STATUS LED CONSTANT FLASHING RED no audio - PROTECTION system

• Shortage / Low Impedance on Output Protection

When the audio is cut off the **RED LEDs will constantly flash.**

This means a short-circuit or low impedance of the audio output. Please review all speakers for damage and make sure nominal load is not below recommended

STATUS LED CONSTANT FLASHING WHITE no audio - PROTECTION system

• Low / High Supply Voltage Protection

When the audio is cut off the **LED will flash WHITE.** It indicates the electric tension is under 10 volts or above 16 volts.

PRV Audio products are guaranteed for a period of ONE (1) YEAR from the date of original purchase against any manufacturer's defects in material and workmanship under normal use. This warranty protects only the original purchaser of PRV Audio products purchased from an Authorized PRV Audio Dealer.

This warranty does not extend to damage resulting from, but not limited to: Improper installation, product modification, misuse and neglect, abuse (Items returned repeatedly for the same damage may be considered abuse), damage resulting from attempted repairs by unauthorized repair centers or individuals, damage incurred during shipment, blown outputs or power supplies in amplifiers from overdriving or under voltage due to ignoring the LED Clipping Indicator, excessive vibration damage in amplifiers due to improper installation, using an aluminum wire and/or any other wire that is not recommended in the owner's manual on a high-current amplifier, installation and removal costs of the products associated with obtaining a warranty claim, product damaged in an accident, damages due to criminal activity, by "acts of God" (lightning, flooding, etc.), products with the serial number and/or warranty seal removed or damaged.

Troubleshooting