

# 500/1 monoblock subwoofer amplifier

## +12V and Ground Connections:

Accept up to 4ga. wire directly (without the need for ring or spade terminations.)

## Independent Preamp Outputs:

Allow signal to be passed from the input stage of the amplifier into another amplifier without alteration or through the amp low-pass filter or through the independent output filter (anything you may need, it can do.)

## Infrasonic Filter:

24dB/octave, fully variable (15-60 Hz) conserves amplifier power and protects woofer systems from over-excursion.

## Bass EQ:

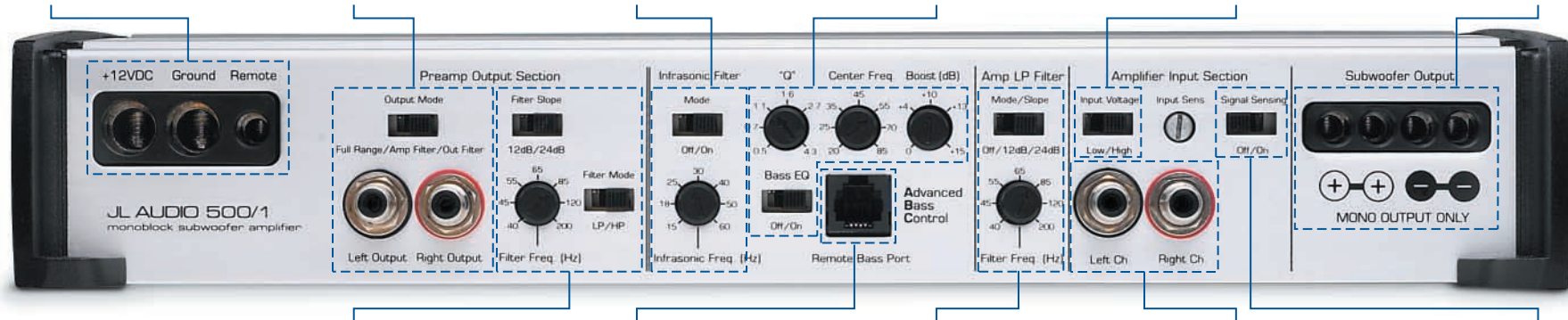
Fully parametric, single band equalizer with variable "Q" (bandwidth), center-frequency and boost up to 15dB, giving you precise low-frequency equalization capability.

## Switchable Input Range:

Dual-range (200mV-2V or 800mV-8V) permits connection to everything from the weakest line-level sources to speaker level sources from factory or aftermarket head units.

## Dual Mono Speaker Output Connections:

Accept up to 8ga. wire directly (without the need for ring or spade terminations.)



## Fully Independent Preamp Output Filter:

Fully variable (40-200 Hz), selectable-slope (12dB or 24dB per octave) low-pass or high-pass filter gives you the ability to overlap, match or underlap the crossover region for a seamless mid-bass transition and optimum bass performance.

## Remote Bass Port:

Permits connection of an optional remote bass boost controller (RBC-1), giving you control over the boost of the parametric EQ in the front of the car. The RBC-1 controller is sold separately.

## Amp Low-Pass Filter:

Fully variable (40-200 Hz), selectable-slope (12dB or 24dB per octave) low-pass filter gives you maximum control over the sub-bass to mid-bass transition, allowing you to dial in your bass response with extreme precision.

## Differential-Balanced Input Topology:

Delivers the noise-rejection advantages of a balanced input section without the need for specialized connectors. Solid, nickel-plated brass, panel-mounted jacks for superior integrity and longevity.

## Signal-Sensing Turn-On:

Permits operation of the amplifier in systems without conventional remote turn-on circuits.