

FPS AMPLIFIERS

Press release - Saint-Etienne - December 2009

The time for change has come...

Focal is launching its new line of amplifiers in perfect line with "The Spirit of Sound". The Focal Power Symmetrics are amplifiers dedicated to music lovers but also to people in search for a true audiophile amplifier.

The Focal Power Symmetric line

It's made of two two-channel amplifiers, 2 x 150W RMS for the first one and 2 x 155W RMS into 4 ohms for the second one. A four-channel amplifier of 120W RMS minimum power into 4 ohms and 160W RMS into 2 ohms per channel in class AB. A mono-channel class D amplifier offering 320W RMS into 4 ohms or 750W RMS into 1 ohm at 0.8% THD+N.

The spirit

The expression of the Focal experience in the high-fidelity field, the spirit and the concept that prevailed when studying the Symmetric line are the reflection of the chosen solutions for the best high-end and high-fidelity amplifiers.

Among other sophistications, there's the dual mono symmetric construction (PCB circuits in perfect mirror) that clearly increases the independent performance of the channels while it improves the staging and the stereo disassociation. even before the thermo-regulated fan begins rotating from 50°C.

The "T" shape of the cooling fins also permits to win 17% of active dissipation surface while guaranteeing extreme rigidity to the chassis and a robust and distinguished character of the outside aspect.

PCB 2oz

From an electronic point of view, the FPS is originally equipped with a sturdy double layer 2oz PCB, specifically adapted to the audio field. In the manner of the audiophile hi-fi circuits, it's locally tinned to guarantee optimum transfer of electric current when necessary.

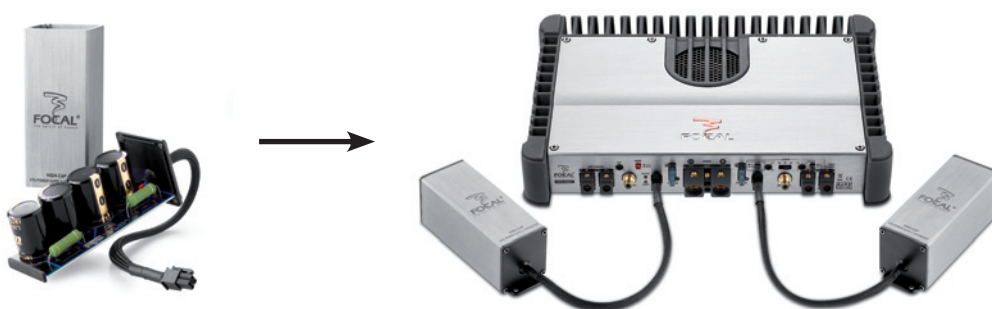


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The brand new “plus”

It's situated outside the amplifier. The High-Cap permits an upgrade of the FPS amplifiers clearly increasing the regulation capacity in the downstream of the power supply. Example: you can go from 18,800 microfarads to 42,500 microfarads with the FPS 2160, thus improving stability, dynamic behavior, residual noise reduction, power and bass handling.



About Focal-JMLab

Since its foundation, Focal-JMLab has grown to become one of the world main hi-fi loudspeaker companies. Headquartered in Saint-Etienne, France, it is now internationally recognized as a world leader in the design and manufacture of specialist drive units for hi-fi loudspeakers. It is also pre-eminent in the design and manufacture of specialist loudspeaker drive units for caraudio and pro-audio; and in the creation of highly advanced, complete hi-fi loudspeaker enclosures priced from 95 euros to 65,000 euros and 99 euros to 2750 euros for car-audio. Market-leader in France, it exports over 73% of its output mainly in Europe, North America and Southeast Asia. The company key strength is its complete integration and quality control of the loudspeaker manufacturing process, from the design of drive units, cabinets and crossovers, to the assembly of the finished product. Focal-JMLab maintains an intense, continual programme of research and development into drive-unit technologies. Five patents have been registered since 2003.

