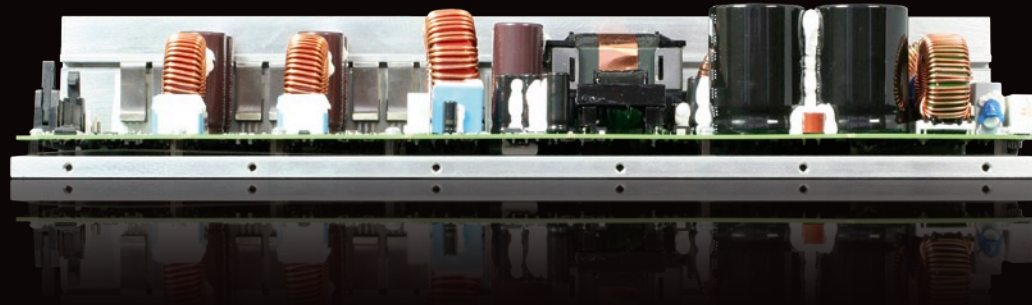


High Power Pro Audio OEM Amplifier Modules



PASCAL

Pro Audio Focus

Pascal has since its foundation in 2006 focused on the pro audio loudspeaker industry. Today this is evident in our product line of pro audio amplifier modules and business setup, designed to meet the special requirements of the pro audio industry.

Our Vision

To become the leading OEM provider of inboard amplifiers to the pro audio loudspeaker industry.

Our Mission

To bring the best pro audio amplifier modules to the market, measured on usability and performance at a competitive price.

Our Guiding Values

Responsibility
Growth
Acknowledgment
Success

“From the very beginning our focus was to design and produce OEM amplifier modules dedicated to the professional PA loudspeaker industry. This threefold focus on business setup, product category and industry has been a key ingredient to our, as well as our clients, success.”



Lars Rosenkvist Fenger, Managing Director at Pascal A/S



PASCAL

Danish headquarters of Pascal, Copenhagen

Value Adding Performance

Pascal amplifier modules are designed to add distinct value to the final product, making the pro audio loudspeaker manufacturer competitive.

More Power

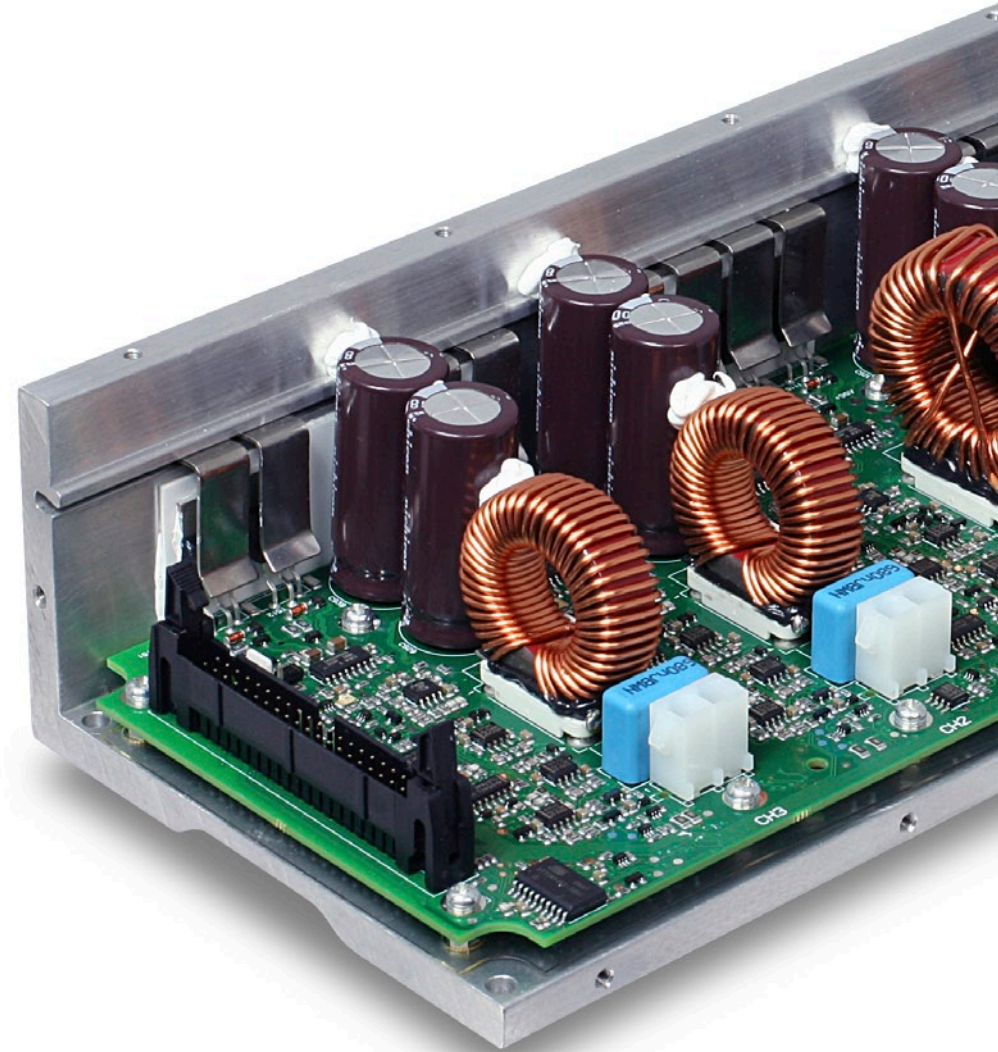
Pascal amplifier modules are the most powerful on the market providing industry leading loudspeaker SPL to size ratio.

More Purity

Thanks to our proprietary UMAC™ Class-D technology, Pascal amplifier modules delivers unmatched audio specifications in the audio industry, elevating the loudspeaker to its fullest sonic potential.

More Protection

The protection scheme in the amplifier modules is the most comprehensive in the industry. It is designed after an audio-at-all-times principle, ensuring the loudspeaker continues to play even under rough conditions.





X-PRO3 Amplifier Module with integrated switch mode power supply

Cost Saving Usability

Pascal amplifier modules are designed to bring cost savings throughout the loudspeaker manufacturers value chain, from design to manufacturing and sales.

Ease of Application

Pascal modules are integrated plug-an-play power packs with all required readouts, control signals and auxiliary power for the most advanced DSP-cards. This significantly reduces costs for implementation and offers ultra fast time to market.

Ease of Assembly

The power supply and amplifier channels are integrated as a single unit. Thereby cost for interconnection cables and assembly is eliminated, as well as potential related reliability issues.

Ease of Logistics

The universal mains power supply eliminates the need for market specific loudspeakers, reducing inventory and reliability issues.



Joint Venture Approach

At Pascal we take a joint venture approach into our clients projects, as our success is directly related to the success of the products where our amplifiers are used.

We have supported numerous clients in achieving optimal performance in combining amplification, signal processing and acoustics, thereby securing the success of our clients products in the pro audio market.

As a dedicated OEM supplier, we strive for a close and long term relationship with our clients to ensure current as well as future competitiveness for both parties.

“An amplifier module is like a car engine, difficult and expensive for the manufacturer to exchange. Therefore It is not only of strategic importance to pick the right engine, but also to pick the right vendor to ensure a long term reliable supply and service.”



Peter Frentz, Sales Manager at Pascal A/S

Market Proven Solutions

Developing and producing high power amplifier modules which will survive long term in the harsh environment inside a PA loudspeaker takes unique skills, which are only gained through years of experience in this particular field.

Pascal amplifier modules are today used in a wide range of professional audio products, which are sold all over the world.

Our client base ranges from some of the largest to some of the smallest pro audio loudspeaker manufacturers on all continents.

Pascal amplifier modules are used widely in the pro audio industry. As an example CAMCO uses Pascal technology and designs in all their 19” amplifiers with Class-D output stages.





CAMCO Q-Power10 amplifier using Pascal Class-D technology for the 4 x 2500 Watts output stages

Manufacturing

Our line of amplifier modules are produced by Scandinavia's largest EMS provider with manufacturing facilities in Denmark and Suzhou, China.

The Danish owned subsidiary in China enables our production team to combine the benefits of efficient Scandinavian management, planning and quality assurance with the cost advantages that can be achieved from high-volume production in Asia.

Technology platforms used in Suzhou are fully aligned with the facilities in Denmark, the same quality assurance and environmental standards (ISO9001/ISO14001/ISO13485) are used and the same business systems are in place throughout.





SMT line at the Chinese factory

Quality Control

All amplifier modules go through several quality tests in the production lines.

The final assembled amplifier module must pass more than 180 end-of-line test steps, in Pascal's fully automatic and custom designed test system.

This test system is designed and built by Pascal's own test and quality engineers, who can online access all measured data, for all test steps, for all amplifier modules produced.

All amplifier modules are tagged with unique barcodes, which are also logged in the test system. This enables full traceability for any produced amplifier module.

This unique system ensures extremely tight quality loops, securing a high overall quality level.

Pascal A/S

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