

Mono power amplifier 700



soulution
nature of sound

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With their model 710 soulution has set new standards for power amplifiers. This ultra-broadband concept is also the basis for the 700 mono blocks which, in addition to unalteredly superb benchmark data, offer enormous power reserves. Using the soulution 700 you can drive any loudspeaker with confidence, however critical it may be.

Like no other hifi amplifier that we know of, the soulution 710 has neared the ideal of the perfect amplifier showing an inherently stable, level and phase correct behaviour. Only in terms of output power we purposefully chose not to go to extremes. Now, with the 700 mono blocks the power question – which depends largely upon the loudspeakers' requirements, room size and listening volume – is no longer an issue. The 700 mono blocks surpass the stereo amplifier's power by more than three and a half times: up to 860 watts (at 4 ohms) stand by as continuous output power. More than enough to breathe new acoustic life even into the most critical, low-efficiency speakers.

With regard to the enormous performance boost, the proven soulution amplifier stages have been re-designed as bridge amplifiers in the mono blocks. The optimized mechanical construction results in perfect symmetrical circumstances with identical thermal conditions for both amplifier strips and an ideal ground reference. If no music signal is present, the quiescent current will be cut down automatically by an intelligent control. And should your speakers demand "bi-amping" instead of ultimate power, the soulution 700 is easily switched to this operation mode – that's custom-tailored amplification.

Sound
concept

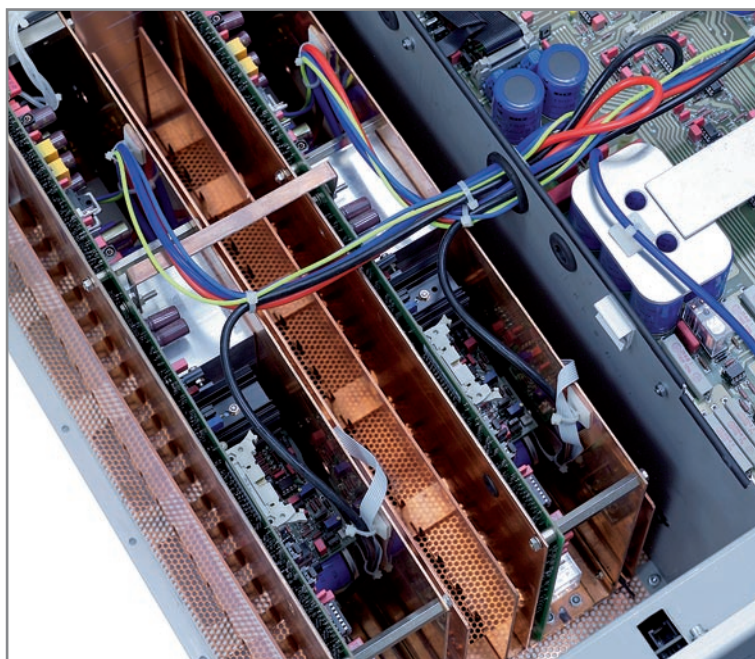


Technology
for
music

The solution 700 mono blocks are powerhouses of an impressive physique: 56 cm (22") wide, 58.5 cm (23") deep and 30 cm (10") high. Each amplifier weighs in at a hefty 96 kg (212 lbs). For technical details of the circuit design please refer to the brochure of the 710 power amplifier. Here you will find a thorough description in pictures and words of the solution philosophy which also holds true for the 700 mono blocks.

The technical specifications of the solution 700 mono blocks are nothing short of impressive and even slightly above those of the 710 stereo amplifier: 2 x 430 watts at 8 ohms, 2 x 860 watts at 4 ohms, along with a massive current capability of over 60 amperes and a transmission bandwidth of up to 2 megahertz (-3dB) speak a bold language. All this at extremely low distortions (0.0005% at 50 watts at 4 ohms, 20 Hz to 20 kHz). Which other amplifier can come up with comparable performance specifications? The sound potential of the 700s is at par. There is simply no loudspeaker which the 700 mono blocks could not push to its ultimate performance. Try them with your speakers – we guarantee you quite an experience.

For optimal thermal coupling of the bridged amplifier channels they are both mounted on a solid copper plate. Additional copper cooling devices guarantee efficient heat dissipation.



Your solution-dealer



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