

5 and 7

Ultimate Source
极致讯源



reddot design award



soulution
nature of sound

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www.soulution-audio.com



Soudution 560

The 560 D/A-Converter does excell at exactly this task. It captures all digital music data and transports it in the analog domain. No deletions, no additions!

560解码器完美地达成任务。采集所有的数字音乐数据再传输到模拟输出。绝不添加，也不减少！

D/A Converter D/A解码器

No deletions at the source are mandatory. This holds even more true for the playback of high resolution files as it did for CDs and SACDs anyhow. No amplifier or loudspeaker can ever make good for what has been lost at the source. The quality of the recording and the signal supplier are of fundamental importance in high fidelity.

绝不能删减任何音源信号。这样才能提供最高分析力的 CD、SACD 及数字档案播放。没有任何放大器或音箱能修复从音源处已产生的问题。高品质的录音和播放器才是高保真根本的重要性。

Philosophy -- In many areas the 560 D/A-Converter is based on the same proven technical solutions used in the 745 SACD-Player. It also embodies the same principles in its design: top grade digital interfaces for optimal reception of the music data, a super-precise master clock generator to avoid jitter, intelligent digital signal processing with oversampling technology, and analogue output stages of top end preamplifier quality.

560解码器的设计包含了745 SACD 播放器的大量原素，设计亦体现了相同理念：最高级别的数码信号接收界面，一个从信息源处就能消除震动并消除微少误差的高精度主时钟发生器，一个有着智能精密取样技术的解码部分和高级前置放大器级模拟输出线路。

Upsampling -- Audio data is buffered then upsampled to 24Bit/384kHz. We believe precision of interpolation is more important than high clock rates. Our players and D/A converters use an algorithm from the highly regarded Anagram Technologies followed by Burr Brown D/A converters in a digital symmetric configuration. As we consider the PCM conversion technology as superior, the DSD signals get converted before its final D/A conversion.

音频信号被提升到24Bit/384kHz,我们相信信号准确度比时钟更加重要。我们的播放器和解码器的运算同样使用获得高度赞誉的 Anagram Technologies 生产的芯片。我们相信 PCM 转换模式是最佳的选择，所有 DSD 信号于解码前也预先被转换。

zeroφtech

The 560 D/A-Converter is equipped with soudution's innovative Zero-Phase-Technology. Smallest timing errors provoked by the analog low pass filter of the D/A converter get eliminated. Every D/A converter requires an analog low pass filter in its output in order to suppress high frequency noise and aliasing signals. The 560's 3rd order bessel filter, with a cut-off frequency of 120kHz, does show a phase shift of up to 15° in the audio band. Due to the Zero-Phase-Technology the phase error of the analog music signal remains below 1°, 20Hz - 100kHz! The Zero-Phase-Technology brings you even closer to the beauty of the source material! The music gets even more realistic and 3-dimensional with a lot of "air" around instruments and voices. As close to the source as possible! No detail gets lost.

560解码器采用了 Soudution 最新的“零相位修正技术”。最微小的时间误差也被完全抵消了。每台解码器都须要使用模拟的 low pass filter 于输出使高频噪音及信号失真可以被压抑。560的3rd order filter 提供于120kHz 的一个滚降，但同时于显示器出现了一个15度的相位转移，最新的“零相位修正技术”有效地将信号维持低于1度在20Hz 至 100kHz 内。“零相位修正技术”能带领你更接近完美的原音播放并大幅度提升音乐的真实度，3D立体感与及环绕着机器及歌声的完美空气感，更接近现场感！没有任何遗漏。



Soulution 760

No deletions at the source are mandatory. This holds even more true for the playback of high resolution files as it did for CDs and SACDs anyhow. No amplifier or loudspeaker can ever make good for what has been lost at the source. The quality of the recording and the signal supplier are of fundamental importance in high fidelity.

绝不能删减任何音源信号。这样才能提供最高分析力的 CD、SACD 及数字档案播放。没有任何放大器或音箱能修复从音源处已产生的问题。高品质的录音和播放器才是高保真根本的重要性。

The 760 D/A-Converter does excell at exactly this task. It captures all digital music data and transports it in the analog domain. No deletions, no additions!

760 解码器完美地达成任务。采集所有的数字音乐数据再传输到模拟输出。绝不添加，也不减少！

Design -- In many areas the 760 D/A-Converter is based on the same proven technical solutions used in the 745 SACD-Player. It also embodies the same principles in its design: top grade digital interfaces for optimal reception of the music data, a super-precise master clock generator to avoid jitter, intelligent digital signal processing with oversampling and Zero Phase technology, analogue output stages of top end preamplifier quality and a husky power supply.iics and the analogue stages.

760 解码器的设计包含了 745 SACD 播放器的大量元素，设计亦体现了相同的理念：最高级别的数码信号接收界面，一个从信息源处就能消除震动的高精度主时钟发生器消除微小误差，一个有着智能精密取样技术的解码部份和高级前置放大器级模拟输出的线路。

The 760 D/A-Converter is packed with cutting-edge technology with one objective - the love of music. The parallels include a consistent dual mono design in the output stages and separate power supplies for digital electronics and the analogue stages. The 760 D/A-Converter adds a digital volume control that allows direct connection to a power amplifier.

760 解码器的设计采用了 cutting-edge 技术来完成唯一的目标-对音乐的执着。全对称恒定双单声道的输出级和全独立电源供应的数码和及模拟线路，760 更加入全数码控制音量可以直接连接后级放大器使用。

Oversampling -- A powerful SHARC DSP performs the 8x oversampling to 24bit/352.8 kHz or 24bit/384kHz, depending on the digital input signal, with the utmost precision. We believe precision of interpolation is more important than high clock rates. Our players and D/A converters use an algorithm from the highly regarded Anagram Technologies followed by Burr Brown D/A converters in a digital symmetric configuration. As we consider the PCM conversion technology as superior, the DSD signals get converted before its final D/A conversion.

D/A Converter D/A 解码器

Soulution 760

音频信号被先进的 SHARC DSP 提升到最高级的 24Bit/352.8kHz (24bit/384kHz 取决于输入信号), 我们相信信号准确度比时钟更加重要。我们的播放器和解码器的运算同样使用获得高度赞誉的 Anagram Technologies 生产的芯片。我们更相信 PCM 转换模式是最佳的选择, 所有 DSD 信号于解码前也预先被转换。

Output stage --The wideband output stage of the 760 D/A-Converter, which is based on an optimised circuitry with special power transistors which are further linearized by an analogue computing network, has a bandwidth of 40MHz (-3dB). With such speed of response all musical details are reproduced true to life creating a three-dimensional, spatial sound to bring real listening pleasure.

760 解码器的超宽阔输出, 是建基于一个极之精密电脑设计控制的线路并使用了非常特别的功率管, 使模拟线路提供达至 40MHz (-3dB) 超宽阔的输出信号, 高速超卓的声音立体感及空间三维感让你接触真正的超级听感享受。

Power supply -- Key to any good sounding audio source component is a stable, noise-free power supply - especially for the audio stages. The 760 is equipped with two dedicated power supplies: one for the audio stages and one for the digital circuits. For powering the audio stages an innovative, amplifier-like circuit design is used, providing an extremely stable supply voltage. With more than 500'000 μ Farad of storage capacitance it provides almost unlimited impulse current for the analog circuits. Bus bars supply this power throughout the 760 D/A converter without any losses. A unique concept in the

高级的供电部份为极品音源所必须要搭配的, 尤其是前级部分。760 包含两个出色的电源: 一个是给前级供电的另一个是给数码部分的, 前级供电部分使用了创新的设计, 放大方式接近后级设计, 提供了非常稳定的电压, 超过 500'000 μ 法拉的电容器提供极佳瞬间转变超级动态所需。760 选用了世上独一无二的前级强大供电系统。

zero ϕ tech

Zero Phase Technology

760 D/A Convertor are equipped with soulution's innovative Zero-Phase-Technology. Smallest timing errors provoked by the analog low pass filter of the D/A converter get eliminated. Every D/A-Converter requires an analog low pass filter in its output in order to suppress high frequency noise and aliasing signals. Their 3rd order bessel, filter with a cut-off frequency of 120kHz, does show a phase shift of up to 15° in the audio band. Due to the Zero-Phase-Technology the phase error of the analog music signal remains below 1°, 20Hz - 100kHz! The Zero-Phase-Technology brings you even closer to the beauty of the source material! The music gets even more realistic and 3-dimensional with a lot of "air" around instruments and voices. As close to the source as possible! No detail gets lost.

760 解码器都采用了 Soulution 最新的“零相位修正技术”。最微小的时间误差也被完全抵消了。每台解码器都必须使用模拟的 low pass filter 于输出使高频噪音及信号失真可以被压抑。他们的 3rd order filter 提供于 120kHz 的一个滚降, 但同时于显示器出现了一个 15 度的相位转移, 最新的“零相位修正技术”有效地将信号维持低于 1 度在 20Hz 至 100kHz 内。“零相位修正技术”能带领你更接近完美的原音播放并大幅度提升音乐的真实度, 3D 立体感与及环绕着机器及歌声的完美空气感, 更接近现场感! 没有任何遗漏地。



Solution 755

The subtle signals of the extremely low output moving coil cartridges pose real challenges to the analogue circuitry in order to achieve low noise, low distortion, high channel separation and maximum linearity while providing more than 80dB gain - equivalent to raising the signal level by 10,000 - yet must exhibit level and phase accurate behaviour while adhering strictly to RIAA-IEC equalisation standards. The 755 Phono preamplifier easily complies with this challenging specification: Now analogue records really can sound their best. Their most captivating ever.

动磁唱头提供极细微的音频信号，但当提升至80dB的时候，犹如把信号提升一万倍并需保持绝对准确相位而且达到RIAA-IEC标准还要求低噪音、低失真、高分析力和低干扰确实绝对是对模拟线路的极大挑战。755唱头放大器可以轻易达到以上境界，完全提高模拟播放水准达至最高标准，最佳效果。

Phono preamplifier 唱头放大器

Layout -- Unbalanced circuit design ensures having as few components in the signal path as possible. Dual-mono layout with discrete left and right channels maximise audio purity and virtually eliminates crosstalk. Input selection (including the ground connection) is done by high-grade relay. And input buffering ensures the 755 presents a benign load to the cartridges. For all three inputs (2xMC, 1xMM) the gain factor and the terminating impedance are freely selectable. To suppress rumble from warped records there is an IEC subsonic filter (<20Hz) which will protect loudspeakers against hazardous cone excursions. Mono operation is selectable as well.

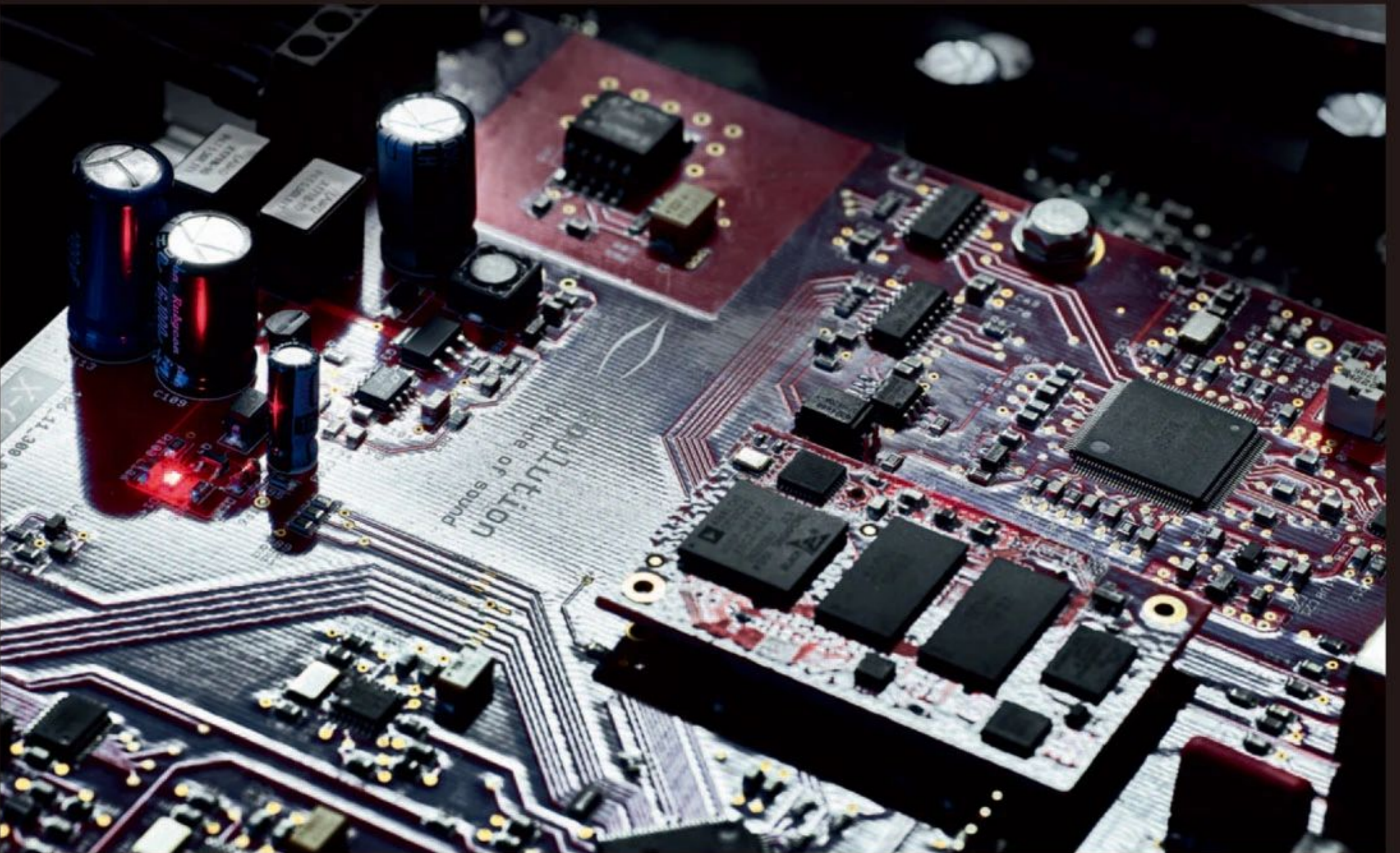
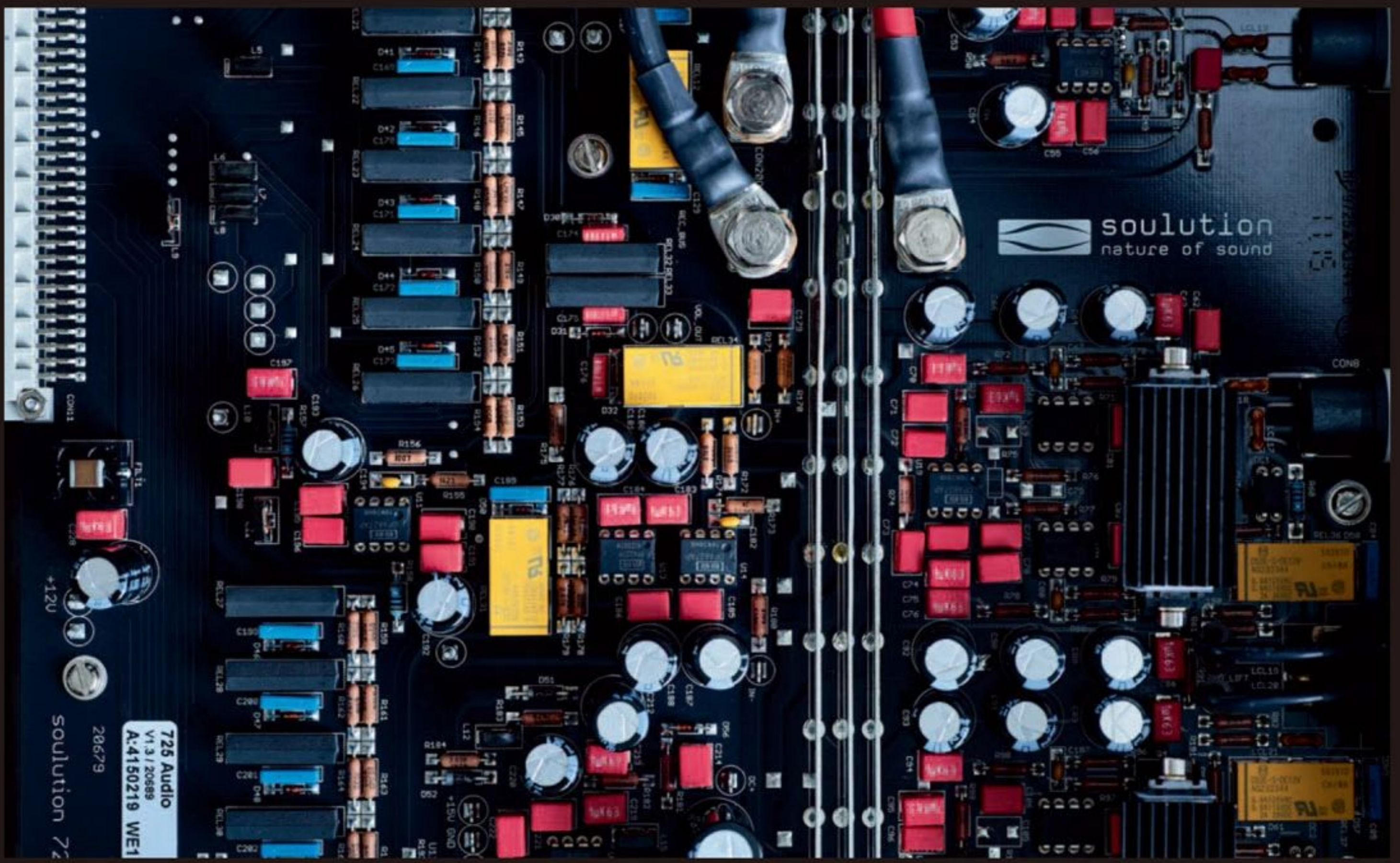
非平衡线路的路径以简洁为最佳，两个单声道则提供最佳的声音纯净度而且避免左右声道的交叉影响。输入选择(包括地线接触)都配以最高级的音频继电器，输入缓冲则确保唱头的稳定负荷。三组输入(2xMC, 1xMM)的阻抗皆为可调整式，内置 IEC subsonic filter 克服播放轻微变形黑胶碟产生的失真对扬声器的损害，并可选用单声道控制。

Output stage -- No deletions at the source of the music reproduction are key, therefore a top grade output stage is mandatory. We use the identical circuit as for the 725 preamplifier. The wideband output stage is based on an optimised circuitry with special power transistors which are further linearized by an analogue computing network and has a bandwidth of 40MHz (-3dB). With such speed of response all musical details are reproduced true to life creating a three-dimensional, spatial sound to bring real listening pleasure.

输出的同时做到没有损耗是原音重播的最重要部份，所以一个最高级的输出级是必然的。755输出使用与725前级一样的线路，超级模拟线路提供达至40MHz(-3dB)超宽阔的输出信号，高速卓越的声音立体感及空间三维感让你接触真正的超级听感享受。

Power supply -- Key to any good sounding audio source component is a stable, noise-free power supply - especially for the audio stages. The 755 is equipped with two dedicated power supplies: one for the audio stages and one for the digital circuits. For powering the audio stages an innovative, amplifier-like circuit design is used, providing an extremely stable supply voltage. With more than 500'000 μ Farad of storage capacitance it provides almost unlimited impulse current for the analog circuits. Bus bars supply this power throughout the 755 phono preamplifier without any losses. A unique concept in the audio world!

高级的供电部分为极品音源所必须要搭配的，尤其是前级。755包含两个出色的电源部分：一个是给前级供电的另一个是给数码部分的，前级供电部分使用了创新的设计，放大方式接近后级设计，提供了非常稳定的电压，超过 500'000 μ 法拉的电容器提供极佳瞬间转变超级动态所需。755选用了世上独一无二的前级强大供电系统。



中國（包括香港、澳門地區）總代理



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技術參數如有更改，恕不預先通知。
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and specifications without prior notice.

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