



AC CURATOR

Most of the Goldmund electronic products, like the disc players, preamplifiers but also the Video projector and processor benefit from our AC-Curator™ technology. It consists in a series of power-supply enhancements that ensure exceptionally smooth, clean power is delivered to the mechanical drives and circuit boards.

A conventional product like a disc player might use a single power supply transformer (or even none, using a cheaper switching electronic power supply). The power supply in the best Goldmund disc players uses 6 transformers and 6 separate regulated precision power supply circuits. We decouple each unit from the AC line and filter it.

This configuration electrically isolates separately each component from the noise and other irregularities on the AC line. It also electrically isolates various components of the product from each other, so that the power demands of one do not affect the others nor pollutes their supply.

Each separate voltage of the power supply is fully regulated using Goldmund's proprietary "Warm Regulator" technology, so the supply voltages within the player do not vary and the internal components can perform exactly as they were intended to.

Due to the high speed signal cancellation, the technology may not be applied as it is for very fast power amplifiers, because it would slow down the transient capability of the power amps connected. However, a simple parallel filtering may be applied without the decoupling transformer. This is what we do inside the big Goldmund power amplifiers of the Telos Line.