



A White Paper by Jonathan Scull

WHY YOU NEED CLEAN POWER!

Today the sweet spot is growing from simple two-channel stereo to 7.1 surround sound, distributed music, and complex home entertainment systems. All those components, all that power, *all those ground loops!* When audio and video meet the result is polluted power. Battling ground loops, high frequency digital hash, sags, swells, and spikes on the AC power line all make for diminished performance for audio and video.

Enter the Head Monster, Noel Lee. Deep pockets, lots of R&D, quality engineering and manufacturing, and an audiophile to boot! He's created the AVS 2000* voltage stabilizer; a chunky variac with a motor control tied to a CPU tracking the incoming AC power line to "power correct" the incoming AC.

Monitor fast-breaking changes on the power line, and the correction applied, by the AVS 2000, on easy-to-read LEDs. Fused at 15 amps for UL listing, the unit will actually grunt out 35 amps to cover turn-on transients from the largest monoblock amplifiers, and up to an astonishing 150 amps for peak-program material. Plug amplifiers into the AVS 2000, plug an HTPS 7000 into it, then plug the front-end into the '7000 for best performance.

* www.monstercable.com/power/AVS2000_feature.asp

The HTPS 7000** is a balanced, dual-transformer active AC power line filter featuring isolated banks of outlets and surge protection. Ideally paired with the AVS 2000, it works even without gourmet power. For best sound the 7000 isolates analog from digital, and has component-specific Stage 5 filtering (*i.e.*, wide-band for digital, low-noise for analog), plus sequenced component turn-on. The '7000 isolates itself *and any components plugged into it* from noisy ground currents. Lift the ground safely and a lot of problems disappear.

Filter the noise and isolate components from the wall and each other and transparency, focus, better defined imaging, extended frequency response and tighter bass will be yours.

** www.monstercable.com/power/lineHomePower.asp