

Richard GRAY's Reveals The Performance



In today's world, power delivery is compromised in our homes due primarily to the increase of digital electronics. Moreover, as houses and A/V gear becomes larger, demand can outstrip supply. While traditional line conditioners certainly remove noise, they are wired in series, therefore they limit current which diminishes the dynamics of both audio and video.

Richard Gray's comprehensive Power Delivery Systems are designed to reveal the performance of your home theater by minimizing noise and maximizing current. They enable even the world's best audio and video equipment to reproduce bone jarring dynamics and greater dimensionality, more vivid life like colors and minute details.



Simulated picture



RGPC Patented Parallel Power Delivery Models

RGPC large patented inductors or “chokes” are wired in parallel to the AC line. That means electricity does not flow through them, but rather has a direct path from the wall outlet to your components. The current needed for your system to operate at its peak is not limited by RGPC.

Our magnetic reservoirs store high current 60 times a second. When power demand exceeds the supply, current is instantaneously released back onto the line. Our Current-on-Demand maximizes performance by allowing all components to operate more efficiently, like they were designed to do in the lab, where power is more perfect.

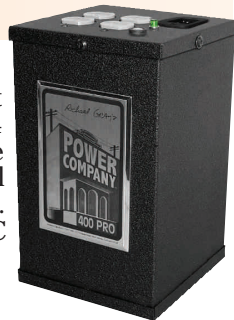
Unlike all series type power conditioners, RGPC need only be plugged into the same circuit as your equipment to remove 40 dB of line noise and crosstalk between both digital and analog components within the system. Many A/V manufacturers recommend RGPC since power amps and subwoofers can go directly into the wall, yet receive these benefits.

On audio you will experience wider, deeper sound stage, a more palpable image and bass authority. On video you will experience a picture with more depth, contrast and color saturation for a more ‘natural’ image.

To receive state of the art, dual stage surge suppression it is necessary to plug preamps, video monitors / projectors and source components into the RGPC parallel power model. This protects against both catastrophic surges as well as the smaller spikes that plague your equipment 24/7. Other methods of surge protection often let surges under 480V pass through.

RGPC 400 Pro

Contains one 6,000 watt parallel choke, designed to fit conveniently behind equipment rack, upright or laying on its side. It has 4 Hubbell commercial grade outlets and may be used in multiple circuits to make sure all components receive the RGPC enhancement. It is more important to place the smallest RGPC model on all circuits, than it is to place a larger model on just one circuit with nothing on the remaining circuits.



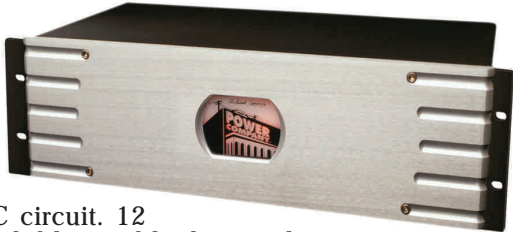
RGPC 600S

This model contains a 6,000 watt parallel choke and sports a beautiful, award winning art deco design, switchable backlit logo and component housing, to complement your equipment rack cabinet. It is rack mountable using a shelf kit available from your dealer. Styled identically to the Pole Pig it may stand side by side to attain IsoGray status. It has 6 Hubbell outlets. Available in black or silver.

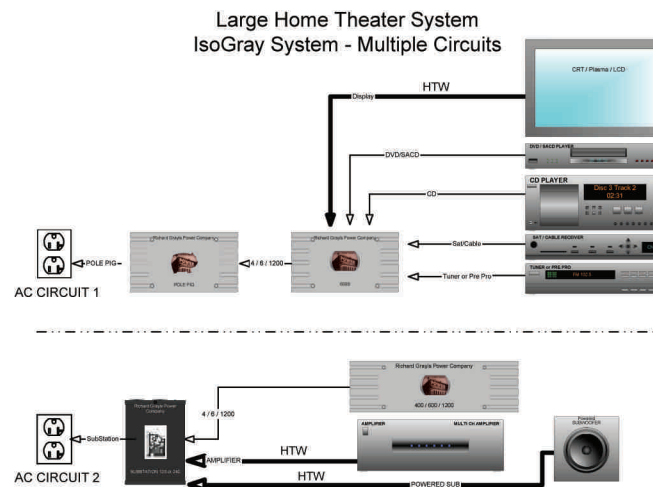
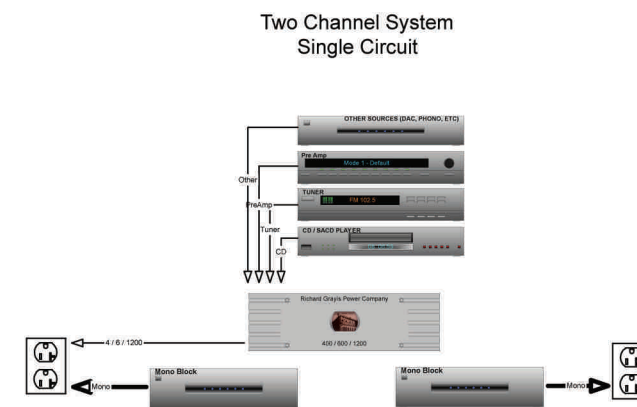
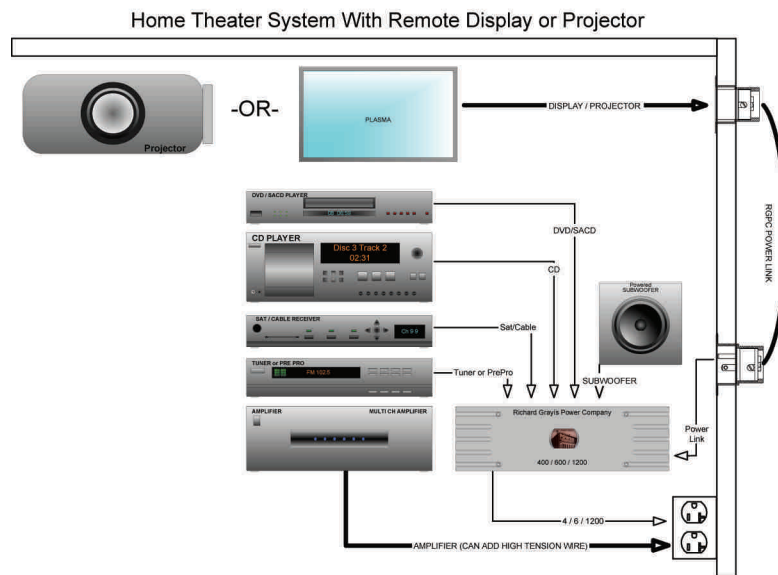
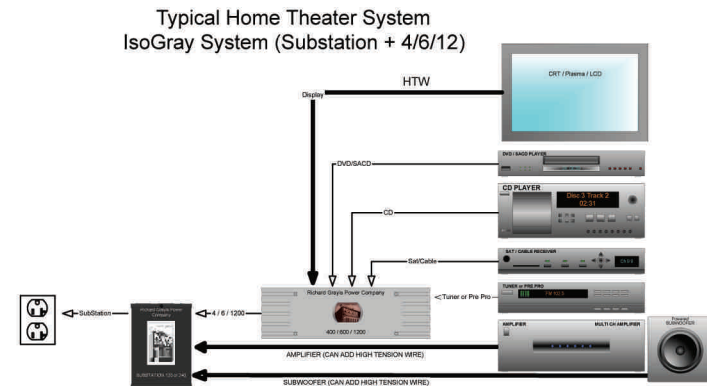


RGPC 1200C-Custom

Twice the power of the 400 or 600. Two parallel chokes provide twice the high current on demand while lowering the noise floor by an additional 50%. Perfect for the most demanding systems, it is rack mountable right out of the box with included hardware. It is ideal to Power an entire home theater system when all equipment is on one AC circuit. 12 Hubbell outlets. Available in black or silver.



Choose which models match your system:



HighTensionWire, 8 gauge power cord (Pat. Pending)

8-gauge HighTensionWire Power cords provide the highest delivery of current with the least compromise. Each HTW is hand soldered by Richard Gray! They contain no Teflon or other dielectrics that can compromise the performance of the wire, while its loose geometry reduces the inductance and capacitance that is found in so many stock and esoteric power cords.

These power cords were designed to deliver power to the equipment as neutrally as possible. All you need do is to replace the stock power cord on any amplifier and/or subwoofer and you will hear and feel bass impact and definition you did not believe was possible. Place it on any plasma, CRT or LCD monitor to see increased dimensionality and color saturation. Once you experience these improvements move upstream in your signal path to power your preamp/processor, and source components to build on the improvements already accomplished.

The RGPC HighTensionWire is available with both 15-amp or 20-amp IEC connectors and are custom terminated at any length desired.



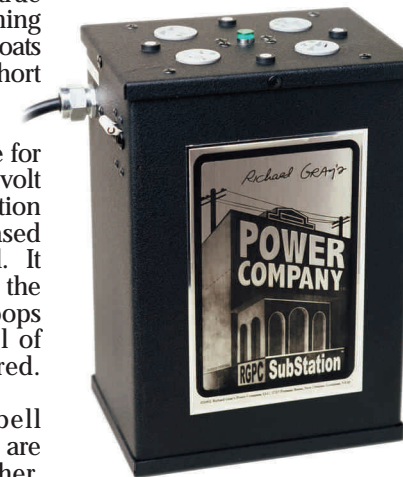
RGPC SubStation (for single phase only)

Audiophile build quality 2KW 240-volt/120-volt isolation transformer delivers true balanced 240V directly to your gear before it is stepped down. It eliminates hard to find ground loops, lowers the noise floor, and provides better protection against lightning strikes. Re-invents true “Balanced Power” utilizing single phase 240-volt line for total isolation, and provides the most stable source of AC power yet.

It is unique because it has no connection from the secondary to ground, hot or neutral – it is a true isolated winding. Should anything short to Ground, the SubStation floats that short to Ground and the short acts as a neutral.

120-volt SubStation is available for those who cannot install a 240-volt line. It provides identical isolation but cannot provide the increased headroom of the 240 V model. It is ideal for most systems where the need for isolation of ground loops is needed, while highest level of amplifier power is not required.

Both models have 4 Hubbell Commercial Grade outlets and are wired in parallel to each other.



RGPC Isolation/step-down transformers

Do you have bars that crawl through your picture, or an annoying hum that you just cant seem to get rid of? These are “Ground Loops” and are caused by incompatibilities between your components’ ground voltages. The RGPC Isolation transformers eradicate them!

Industrial grade isolation transformers are not new and are often so noisy and run so hot that you would not consider placing them in your listening room. As such, they were placed so far away that the listener lost the benefits of running a true balanced 240-volt AC line as far as possible.

RGPC isolation/step-down transformers solve this by being built to exacting audiophile grade construction. They run so quiet and cool that we recommend placing them next to your equipment and certainly within your listening or viewing area. This means that with the 240-volt RGPC Isolation Transformers you can run true differentially Balanced Power all the way to your equipment rack. As a result, you receive twice the headroom and available current than you can receive from off a standard 15A /120-volt circuit.

In our homes we must rely on typical household 120-volt from the utility transformer on the street. It travels past mechanical breaker panels and many other obstacles on its journey to the wall outlet. When it arrives it sometimes lacks the power needed to effectively drive your equipment, robbing its performance. Why? The farther you are from the source of power the more line resistance you have to overcome, and the lower the dynamics provided. Think of it like exercise; your body doesn’t work as hard running on a flat surface as it does uphill because of the resistance involved. The steeper the hill, the harder your body has to work to provide you with enough oxygen to keep you going up that hill.

RGPC Pole Pig

The Pole Pig, the little brother of the SubStation, takes its name from the utility transformer on the street. It has 6 Hubbell Commercial Grade outlets wired in parallel to each other. It is designed to offer the benefits of isolation for source components and smaller 100 Watt per channel home theater systems rated at less than 700-VA. It is not recommended for use with larger receivers or power amplifiers. It is rack mountable using a shelf kit available from your dealer and is available in black or silver.

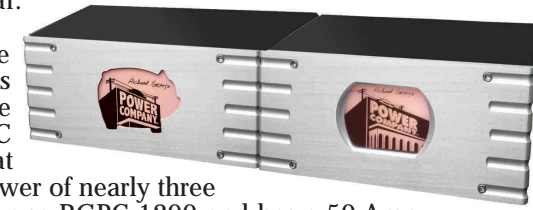


Once the RGPC SubStation or Pole Pig is installed in a system, they become their own isolated circuit, so components not plugged directly into either model will receive no RGPC benefit whatsoever. In these cases multiple models might be employed elsewhere within the system.

RGPC “IsoGray” System

The ultimate RGPC is called an IsoGray System, which is the coupling of a SubStation or Pole Pig with one or more RGPC models 400, 600, 1200, to achieve as close to Nirvana as current technology will allow. It provides isolated power with the complete elimination of crosstalk, ground loops, and supplies the highest current on demand to satisfy even the most demanding gear.

The ultimate IsoGray system is embodied in the all new RGPC PowerHouse that combines the power of nearly three SubStations with one RGPC 1200 and has a 50 Amp capacity.



RGPC PowerHouse

The Ultimate "IsoGray" System all in one huge component



First All-in-one IsoGray
50 Amp Capacity
21 Hubbell Outlets

Until now, to achieve IsoGray performance, it meant coupling two RGPC models and connecting them together. In larger powered triple rack systems this has meant that as many as Three RGPC 1200 units are coupled with three RGPC SubStations, the summation of which has propelled home theater performance and protection to a new level of achievement.

Richard Gray is proud to announce the PowerHouse – the first all-in-one solution for ultimate and most demanding home theater installations. The PowerHouse combines the power of almost three 240-volt SubStations with an RGPC 1200 all in one 7 space rack mountable chassis. That means every outlet provides both our award winning isolation (Pat. Pending) and patented parallel technology right out of the box.

Designed and engineered to power larger home theater and home automation systems the PowerHouse can handle up to 6200-watts of continuous power and is the largest, most powerful rack-mountable Power Delivery

product to date. That is more than three times the output of a traditional 20 Amp circuit. In a break with tradition the PowerHouse sports an analog ammeter which clearly displays the percentage of capacity used, although it will take a great effort to reach 100% capacity.

Thanks to this incredible capacity, Richard Gray is able to provide 21 outlets, more than enough to power the largest home theaters. And, thanks to its all-in-one design, everything, amps, sources, etc, all plug right into it.

Due to its tremendous size, the PowerHouse is only offered in a 240/120V step-down version. In addition to providing true balanced power, the PowerHouse also incorporates our unique surge suppression system. Lightning protection is an added by-product because lightning is not likely to strike in a balanced mode and the transformer in the PowerHouse must see a balanced input to function.

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All specifications are subject to change without notice

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& foreign patent rights pending

Authorized RGPC Dealer