

Parallel Power Delivery Products

Owner's Manual



RGPC 200 LD

RGPC 400 Pro

RGPC 600 S

RGPC 800RM Pro

RGPC 1200 Custom



Made in the USA

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1-800-880-3474

www.richardgrayspowercompany.com



Installing Your RGPC Models

Congratulations

Your purchase of Richard Gray's Power Company products represents an investment and improvement in Audio Video performance, Home Automation and Integration that no other power product can provide. Our products are engineered to protect your expensive components from AC Interference, Transients, Surges and Spikes that can degrade and destroy today's highly sophisticated AV systems. All Richard Gray's products are part of the Consumer Electronics industry's only comprehensive Power Delivery System that includes our patented "Parallel Power" devices (i.e., 200LD, 400Pro, 600S, 800RM Pro and 1200 Custom), and the world's finest AC Power Isolation and Purification systems, Whole House AC Surge Protection, UPS's, Communications Protection, Power Delivery Accessories and AC power cords personally hand-crafted by Richard Gray. Utilizing a combination of these products assures your audio/video and Home Automation system receives only the purest power possible, free of noise and AC current limitations as well as dangerous surges and spikes. Richard Gray's Power Company products are available exclusively from our authorized dealers (they're part of the investment, too!) who have been factory-trained to diagnose your system and recommend the precise combination of models which will best address your needs. Our corporate website (www.richardgrayspowercompany.com) and toll-free consumer hotline (800-880-3474) enable you to speak directly to one of our Power Professionals, further ensuring quick and accurate response to any questions you might have. We're certain you'll be delighted with your investment, and look forward to providing you with outstanding customer service.

What Makes Richard Grays Power Company Better?

Richard Gray's Power Company's success in a crowded marketplace is due to one simple fact: superior performance with no trade offs. This is no idle boast. Compared to any other power product sold today, Richard Gray's Power Company (RGPC) delivers more and cleaner power while preventing equipment-damaging surges and spikes. How does Richard Gray's Power Company accomplish this? To understand why RGPC works better, we first need to examine how typical "line conditioners" operate. From the simplest power strips to the most sophisticated "Power Stations", these products all work in series to the AC line: the device is plugged into an AC wall outlet, your A/V components are plugged into it, and the electrical power passes through it (being filtered or otherwise processed) before that power finally reaches your components. This is the definition of a series device. The problem is that, as current passes through the device, its flow is inevitably affected. Although many series devices are able to remove some noise and power disruptions from the AC line, all have the negative consequence of limiting the amount of current that reaches your audio and video equipment. As a result, audio dynamics are compressed, video displays lose their ultimate dimensionality and black level, and both sounds and images are robbed of their immediacy or realness. Interestingly, many consumers who purchase these series devices ultimately choose not to use them, preferring the audio and video quality of an RGPC current-unlimited system, where AV components receive the full, current rich power provided by the most effective patented power delivery system available.

RICHARD GRAY'S POWER COMPANY is a US owned and operated manufacturer of AC Power Delivery Systems and Communications Protection/Connectivity products. RGPC's mission is to utilize its focus, experience and expertise in providing an enhanced, secure and safe environment where AC power, Communications and Data operate in harmony and maximum efficiency in today's converged infrastructure.

IMPORTANT SAFETY INSTRUCTIONS:

CAUTION! (No User serviceable Parts): Risk of electrical shock, do not remove cover.

Refer servicing to qualified service personnel.

CAUTION! Intended for indoor use only.

CAUTION! Never install during lightning or storm activity.

CAUTION! Installation and Grounding of All RGPC Power Delivery Systems must be in accordance with local and National Electrical Codes.

*Ask your Dealer for details on **RGPC 1 2 3 plus C** (Ultimate Performance and Complete Protection)

One of the powerful advantages of Richard Gray's Parallel Power devices is the ease of adding one (or more!) to your system: just plug your RGPC into any unoccupied outlet on the AC circuit that feeds your AV equipment and your sound and image quality will improve! Depending on your particular room and equipment, however, a few simple techniques will enable you to maximize the benefit obtained from your RGPC investment.

A quick inspection of your RGPC unit will reveal the inclusion of the highest quality "Commercial Grade" AC power outlets—two on the 200 LD, four on the 400, six on the 600S, eight on the 800RM Pro and twelve on the 1200C. Should you need additional outlets, please consider our RGPC Extender, with six outlets, wired in parallel for better power delivery.

One of the unique properties of the Richard Gray's "Parallel Choke" technology is its ability to benefit not only the components plugged directly into an RGPC Parallel Delivery System, but other components that are on the same circuit. By simply being on the same circuit as an RGPC Parallel Delivery system, components can benefit from the RGPC's delivery of High-Current-on-Demand and Noise Removal technology. This is why many high-end manufacturers of amplifiers and subwoofers, which typically recommend plugging their components directly into the wall, in order to insure that electrical current is not limited to their components, will recommend RGPC's Parallel Power Delivery model over other competitors. With the RGPC parallel power devices, these components can be used in adjacent outlets and still receive the benefits we offer.

It is also worth noting, that while we treat the entire circuit, you will most likely see a diminished effect the further away from the unit you get. This is due to the Impedance/Resistance which is inherent in the wiring of every home's electrical service. For this reason, we often recommend that RGPC users try a one week trial of each method, that is plugging directly into the RGPC or an adjacent wall outlet, and determine which method has the best effect on their particular equipment. If you don't notice a difference between the two methods, or should you like it better plugged directly into the RGPC, please do so in order to provide an additional layer of protection and security to your components.

Finally, the RGPC 600S, 800 RM Pro and 1200C ship complete with Rack ears. To mount, simply remove the three hex bolts on the right and left side of the unit closest to the front. Affix the rack ears and then reattach the hex bolts and bolt into your rack.

Troubleshooting

If at any time the unit ceases to function, please check the circuit breaker on the unit to ensure it is NOT tripped and in models equipped with an indicator make sure Light is ON. Make sure the Power Cord is fully inserted in the Unit and in the wall outlet. Check the Circuit Breakers in your Electrical Distribution Box to make sure they are Not tripped. Make sure the unit is not overloaded, beyond its specified rating.



Assessing the Improvements

One of the great misconceptions of high-end audio/video is that only critically trained listeners and viewers can appreciate performance differences. Our sincerest apologies to the "Golden Ears", but We find the opposite is true: The improvements in sight and sound wrought by RGPC products are obvious to virtually everyone.

Video: More dynamics that yield to the eye truer and more apparent black level, deeper, more three-dimensional images with finer shadow gradations, dramatic reduction in video noise and enhancement of detail and color contrasts.

Audio: Elimination of background and line noise for true inter transient silence and "black" background. Improved resolution of micro dynamic detail and dynamic shadings, effortless volume swings, larger, wider soundstage and more palpable images.

Notes

RGPC Model Number:
RGPC Serial Number:
Date Installed:
AC Power <input type="checkbox"/> 120VAC <input type="checkbox"/> 240VAC
Total Load (Watts)

Equipment Connected to Parallel Power Delivery System

1
2
3
4
5
6
7
8