

Instructions for use



PS Audio Dectet Power Center

Important Safety Instructions



Read these instructions
Heed all warnings
Follow all instructions



WARNING. TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

Clean only with a dry cloth.

Do not place flammable material on top of or beneath the component.

All PS Audio components require adequate ventilation at all times during operation. Rack mounting is acceptable where appropriate.

Do not remove or bypass the ground pin on the end of the AC cord unless absolutely necessary to reduce hum from ground loops of connected equipment. This may cause RFI (radio frequency interference) to be induced into your playback setup. All PS products ship with a grounding type plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Unplug this apparatus during lightning storms or when unused for long periods of time.

When making connections to this or any other component, make sure all components are off. Turn off all systems' power before connecting the PS Audio component to any other component. Make sure all cable terminations are of the highest quality.

There are no user serviceable fuses inside this product.

THERE ARE NO USER-SERVICEABLE PARTS INSIDE ANY PS AUDIO PRODUCT. REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL

Please contact your authorized dealer, distributor, or PS Audio if you have any questions not addressed in this reference manual.

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The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.



The lightning flash with arrowhead within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.





Introduction

Owner's Reference Dectet Power Center

Thank you

Thank you for your purchase of the PS Audio Dectet Power Center.

The Dectet is a state-of-the-art high-end power center that provides component level AC cleaning and protection in a compact package. The Dectet provides 10 outlets and 3 independent isolated zones as well as true surge and spike protection, over and under voltage protection and both differential and common mode AC filtering.

Dynamics never restricted

The PS Power Center will not restrict dynamics or soundstage in any high-end system and will, in fact, provide a superior level of performance in micro and macro dynamics as well as maintain harmonic integrity for audio equipment while increasing color saturation and lowering video noise in video equipment.

Heavy gauge OFC

The PS Power Center utilizes large core high permeability magnetic devices, wound with heavy gauge OFC windings for both common and differential mode filtering chores. This construction technique allows PS engineers to use a minimal amount of heavy gauge copper wire to build effective low loss filters, thus preserving micro and macro dynamics for both audio and video systems.

Built to the highest standards

PS Power Centers are built to the highest standards internally and externally and feature point-to-point hand wiring to each receptacle bank for superior isolation and performance.

PS Power Centers should provide years of trouble free performance for your connected equipment with the peace of mind they will be fully protected.



PS AUDIO

Getting Started

Owner's Reference Dectet Power Center

Location	Once your new Power Center is unpacked, you'll need to find a convenient place to set it.
Mounting	There are several ways to mount the Power Center: on the floor, on a shelf, or in a rack. If your equipment is located a long distance from the Power Center, it is preferable to use a long, heavy gauge shielded power cable between the wall AC receptacle and the Power Center, rather than long individual power cables between the equipment and the Power Center.
Isolation	The Power Center can benefit from aftermarket isolation devices such as cones, spikes and Sorbothane pads. Once you have chosen the location for the Power Center you can use the supplied AC power cord to connect it to the AC wall receptacle or you can use an aftermarket power cord and receptacle.
Power Cables	We strongly recommend the use of a PS Audio PerfectWave Power™ AC cable and a PS Power Port™ AC receptacle to feed the Power Center electricity. While the supplied power cable is adequate for the task, it is not going to provide the best performance. Choosing any PerfectWave Power cable will make a significant performance improvement over the stock power cable.
Conditioners	We do not recommend connecting any other power conditioning product before the Dectet Power Center.



Quick Start Guide

Owner's Reference Dectet Power Center

Power down first We would recommend that you power the entire system down, before attempting to connect equipment to the Power Center.

Plug in the Power Center Plug the Power Center into an AC receptacle with at least 15 amps of service (in the US) or 7.5 amps of service (in 220 volt countries), preferably using a dedicated AC line. A dedicated line means there is nothing else plugged into the wiring feeding the AC receptacle and that wiring returns directly to the AC breaker box.

Use the heaviest gauge shielded cable possible Use the heaviest gauge shielded AC power cable you can to connect a Power Center to its AC source. The heavier the gauge used, the less the chance for restricted dynamics in both audio or video systems.

Once the Power Center has been connected to an AC source it is time to connect your equipment. Each Power Center has three isolated zones called IsoZones™. These are individually isolated and filtered zones that clean and isolate the power between equipment. The Dectet has three IsoZones™ with multiple receptacles per zone. Each IsoZone is clearly marked.

IsoZones™ IsoZones should be used to isolate different genres of equipment from each other. For instance, you can group digital equipment together on a single IsoZone or multiple analog sources on yet another IsoZone. You should not mix digital, video or analog equipment on the same IsoZone if possible. Digital equipment would be a DVD player, CD player, DAC, computer, TIVO, or satellite receiver. Video equipment would be a VCR, TV or computer monitor. Analog examples would be a power amp, preamp, projector, turntable, or any type of tube equipment.

High Current On the Dectet, the first IsoZone is the High Current zone specifically for Power Amplifiers, subwoofers, receivers or large screen televisions. The High Current zone is a low loss common mode filtered zone specific to large power draw pieces of equipment. While the other two zones can also handle a large power draw product, it is recommended that these be reserved for source equipment.

It is important to use only the highest quality AC power cords that are well shielded to any connected equipment. It is a good idea to keep in mind that all equipment generates radiated noise when it is operating. This radiated noise is harmful to both audio and video system performance and is typically carried down the AC power line.

How to turn it on Once everything is connected you can press the blue PS logo light which will act as the on/off power button. When you power the unit on it will first measure the incoming AC to be certain it is at an acceptable level, which is +20% to -25% of the design voltage. So for example if your Dectet is a 120 volt unit, the acceptable power range is 144 volts maximum and 90 volts minimum or the unit will not power on.

Should the unit sense voltages out of the wall that are either too high or too low, the Power Center will shut down and disconnect all connected equipment. In this case, you will see the blue PS logo flashing on and off slowly, indicating the condition. Once the power has returned to its proper range of voltage, the Power Center will wait a few seconds and then reconnect the equipment



Questions And Answers

Owner's Reference Dectet Power Center

- Should the unit be on all the time?** The Power Center is best left plugged in to the AC source at all times. The current draw is negligible and keeping it powered on will make sure the internal components stay working properly.
- There is no harm in leaving the unit on at all times as the lifespan of the Power Center will be unaffected by leaving it on.
- Are there any internal fuses?** There are no user replaceable internal fuses or circuit breakers inside the Power Center.
- Placement of the Power Center is not critical. Placement with respect to other equipment can be important. In general, place the Power Center close to the equipment you wish to power. It is always preferable to have a long heavy gauge power cable feeding the Power Center if there is a distance problem.
- Isolation?** Isolation through the use of spikes, cones or Sorbothane feet is recommended for the Power Center if space and budget allows. Isolation of any piece of high-end stereo and theater equipment is always recommended wherever practical.
- Do cables make a difference?** Yes, cables make a difference. It is important to use the best power cables possible. Remember that everything you see and hear in an AV system is nothing more than the power from the wall modulated by a CD, DVD, turntable or tuner. You are actually “listening or viewing” the AC power. So it is critically important to connect your equipment with the heaviest gauge well shielded power cables you can afford. Power is the foundation of everyone’s system.
- Blinking logo light** A slow blinking logo power button means there is an over or under voltage situation and the unit has shut off. This occurs when greater than 20% of the rated voltage is exceeded or if the voltage is below 25% of the rating. The Power Center should automatically turn back on when the voltage on the line has returned to normal. If it does not, simply press the logo power button to reactivate the Power Center.
- The Power Center is specific to your country’s voltage. Do not use the Power Center on a voltage higher than it is rated for. For instance, do not take a 120 volt rated Power Center and attempt to use it in a 230 volt country. Failure to observe this cautionary note will void your warranty and may damage the Power Center. If you need to operate the Power Center at a voltage other than the voltage it was designed for, contact your dealer, distributor or the factory.



Troubleshooting

Owner's Reference Dectet Power Center

Power Center won't turn on

If no power comes out of the Power Center, check to make sure power is going into the Power Center. You can do this by testing the outlet it is plugged into with another device such as a lamp. Sometimes, we find Power Centers plugged into switched wall outlets. These are typically the lower of the two AC receptacles and are controlled by a light switch. If you have no power to the receptacle, check the circuit breaker feeding the receptacle.

Check the logo

If you have verified there is power to feed the Power Center, check the Power Center's blue PS logo to see if it is lit. If not, press the logo itself. This is the power button.

Use the correct voltage

Lastly, make sure you are feeding the Power Center the correct voltage. The Power Centers are specific to your country's voltage. If, for example, you are trying to operate at 120 volt Power Center on 220 volts, it will not turn on. If all else fails, contact your PS dealer, distributor or PS directly for help.

If the blue logo power button blinks when you first plug in the Power Center to an AC receptacle, this is normal. The unit is calculating the voltage being fed to it.

If the power light blinks

If the logo light flashes slowly, it means the voltage has exceeded 125 (250) on the high side or dropped below 105 (210) volts on the low side. The blinking only indicates a potential problem. There is no harm in running most equipment at these higher and lower voltages.

Fast blinking vs. slow blinking

If the logo power light button flashes quickly and the Dectet will not power on it means the MOV protection inside the Dectet has failed due to a heavy surge or spike. Failure of the MOV means the MOV protection device has served its purpose by protecting your equipment and it then shuts off the Dectet in order to continue protecting your connected equipment. In the rare event this should take place, the unit will require servicing to replace the MOV protection if your connected equipment is to remain safely protected from potentially damaging surges and spikes.

If you wish to temporarily disable the auto shutdown process until you can remove the Dectet and get it repaired, you can hold down the PS logo power button for 3 seconds which will reset the auto shutdown commands. While there is no problem in disabling this protection state, you should be aware that your connected equipment is no longer protected from surges and spikes. Over and under rated voltage conditions will be protected against.

If you have hum

If you experience a hum through the speakers once the Power Center is powering your equipment this can be caused by several things. The first is the source. If there is an excessive amount of buzz or noise from the loudspeaker, it may be caused by a ground loop, a light dimmer in the home, poor AC power, or any number of causes. The quickest way to determine where to start your search is to simply turn the preamplifier, integrated, receiver or Control Amplifier off, disconnect the audio cables between it and the sources, and see if the hum goes away when you turn the preamplifier, integrated, receiver or Control Amplifier back on. If it does, it's most likely a ground loop or buzz from a dimmer.

If this doesn't solve the problem this would indicate you probably have a ground loop between

equipment and next you should follow these easy humbusting tips.

Ground loops

The easiest way to figure out where ground loop problems lie is by the process of elimination. You need to determine where the hum or buzz is coming from within your system.

If the hum/buzz goes away when you remove the inputs to the power amp, your next step will be to reconnect the amp and move further down the chain. It is important to do this in the correct order and take the time to perform the test in a methodical step-by-step manner.

If you have a preamp, or processor that is feeding the power amp, your next step would be to disconnect all inputs to the preamplifier or processor. Once these are disconnected, and the preamp or processor is connected only to the power amplifier, turn the system on and again, listen for hum. Should the hum now appear, it is a problem with your preamp or processor or their interaction with the power amp. Before returning the preamp or processor to the manufacturer, try a cheater plug to break a ground loop. Cheater plugs are simple devices that convert a three prong AC plug into a two prong AC plug and in the act of converting three prongs, to two prongs, they disconnect the ground from the wall socket. Try one of these on the preamp, or the power amp, or both.

If you determine that there is still no hum present when the preamp, processor or receiver is connected with no inputs, then selectively begin plugging in your various inputs one at a time. After each connection, check for hum until you discover the humming culprit. Use the same method described above to remove the ground on the offending piece of kit.

It could be the cable TV

VCR's, surround processors, and any device that is connected to a television cable or satellite dish can cause a loud buzz and should always be suspect. If, by the process of elimination described above, you determine it is a component like a VCR that is causing the hum/buzz to occur, and using a cheater plug or removing the ground pin on a PS xStream Power Cable doesn't help matters, it may be necessary to isolate the cable connection (CATV) with an isolation transformer. This inexpensive device is available at most Wal Mart, Radio Shack or department store type outlets and is sometimes called a 'matching transformer'. If you have problems finding one, call your local cable TV company for advice. The matching transformer will be placed between the cable TV cord and the VCR, TV or processor.

Just remember, take the system down to its simplest level of connection. Find a way to hook the system up with as many pieces of the system missing or not connected. Keep it simple and get it to the point where the hum's gone. Then start adding back components one at a time until the hum returns.

Finding the problem is 9/10th of the work in finding a solution.



Warranty

Owner's Reference Dectet Power Center

TERMS AND CONDITIONS

PS Audio warrants the product designated herein to be free of manufacturing defects in material and workmanship, subject to the following conditions, for a period of 90 days from the date of purchase by the original purchaser or date of shipment to the authorized PS Audio dealer, whichever comes first. This warranty period can be extended to three (3) years by registering your product. To register, go online www.psaudio.com.

Conditions

This Warranty is subject to the following conditions and limitations: the Warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in the owner's manual, abused, or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with by anyone other than PS Audio or an authorized PS Audio repair center.

- a. The product must be packaged and returned to PS Audio or an authorized PS Audio repair center by the customer at his or her sole expense in the original packing material. PS Audio will pay return freight of its choice for original purchasers.
- b. Return Authorization Number (RA Number) is required before any product is returned to our factory for any reason. This number must be visible on the exterior of the shipping container for PS Audio to accept the return. Units shipped to us without a Return Authorization Number or without a visible RA Number on the exterior of the shipping container will be returned to the sender, freight collect.
- c. RETURNED PRODUCT MUST BE ACCOMPANIED BY A WRITTEN DESCRIPTION OF THE DEFECT.

PS Audio reserves the right to modify the design of any product without obligation to purchasers of previously manufactured products and to change the prices or specifications of any product without notice or obligation to any person.

Remedy

In the event the product fails to meet this Warranty and the above conditions have been met, the purchaser's sole remedy under this Limited Warranty shall be to return the product to PS Audio or an authorized PS Audio repair center where the defect will be repaired without charge for parts or labor.

This Warranty is for the benefit of the original purchaser of the covered product if the product has been purchased through an authorized PS Audio dealer, distributor or agent. PS Audio will not honor this warranty without valid proof of purchase from an authorized PS Audio dealer, distributor or agent and or a valid serial number as proof the product is a valid PS Audio product manufactured by PS Audio International.

This warranty does not cover the cost of custom installation, customer instruction, setup adjustments or signal reception problems.

Miscellaneous

This warranty does not cover cosmetic damage or any damage due to accident, misuse, abuse, negligence or modification of, or to any part of the Product, without initial express consent from PS Audio. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility



Warranty

Owner's Reference Dectet Power Center

authorized by PS Audio to service the Product.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

This warranty is invalid if proof of manufacture by PS Audio International cannot be determined to the satisfaction of the company either by verification of a valid serial number and or a valid receipt that includes the serial number from an authorized PS Audio dealer, distributor or agent.

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call or email PS Audio.

ANY IMPLIED WARRANTIES RELATING TO THE ABOVE PRODUCT SHALL BE LIMITED TO THE DURATION OF THIS WARRANTY. THE WARRANTY DOES NOT EXTEND TO ANY INCIDENTAL OR CONSEQUENTIAL COSTS OR DAMAGES TO THE PURCHASER. Some states do not allow limitations on how long an implied warranty lasts or an exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Inquiries regarding the above Limited Warranty may be sent to the following address: PS Audio International, Inc., 4826 Sterling Drive, Boulder, Colorado 80301 ATTN: Customer Service; Email: customerservice@psaudio.com; Voice 720-406-8946; FAX: 720-406-8967.

Outside the US

PS Audio has authorized distribution in many countries of the world. In each country, the authorized importing retailer or distributor has accepted the responsibility for warranty of products sold by that retailer or distributor. Warranty service should normally be obtained from the importing retailer or distributor from whom you purchased your product. In the unlikely event of service required beyond the capability of the importer, PS Audio will fulfill the conditions of the warranty. Such product must be returned at the owner's expense to the PS Audio factory, together with a photocopy of the bill of sale for that product, a detailed description of the problem, and any information necessary for return shipment.



If you require service in North America

In the unlikely event there is a problem with your PS Audio component, please contact your dealer, distributor, or PS Audio corporate to discuss the problem before you return the component to our Colorado manufacturing facilities for repair. Products shipped to either the factory or the corporate center may be refused if not accompanied by a PS Audio Service Department issued return authorization number (RA Number).

Obtain an RA number

It's easy to obtain an RA number. Simply email or call us in Colorado and we'll be happy to take care of you. Return authorization numbers should be prominently displayed on the outside of the box and an accompanying letter describing the problem and re-listing the RA number must be inside the box to qualify for service.

Contact information

To contact the PS Audio Service Department:

TELEPHONE	866-406-8946 (toll Free)
HOURS M/F	9:00 am to 5:00 pm MST
FAX	720-406-8967
E-MAIL	service@psaudio.com
WEBSITE	http://www.psaudio.com

If you are in the United States or Canada

If you are in the United States or Canada use the following procedure:

1. Obtain a Return Authorization Number (R/A number) and shipping address from the PS Audio Service Department.
2. Insure and accept all liability for loss or damage to the product during shipment to the PS Audio factory and ensure all freight (shipping) charges are prepaid.

The product may also be hand delivered to our Colorado facilities if arrangements with the Service Department have been made in advance. Proof of purchase from an authorized PS Audio dealer, distributor or agent may be required for warranty validation at the time of hand delivery.

Use original packing

Use the original packaging to ensure the safe transit of the product to the factory, dealer, or distributor. PS Audio may, at its discretion, return a product in new packaging and bill the owner for such packaging if the product received by PS Audio was boxed in nonstandard packaging or if the original packaging was so damaged to the point it was unusable. If PS Audio determines that new packaging is required, the owner will be notified before the product is returned.

To purchase additional packaging, please contact your authorized PS Audio dealer, distributor, or the PS Audio Service Department for assistance.

If you are outside the US or Canada

If you are outside the United States or Canada and require service you must contact your country's dealer or distributor for instructions. PS Audio warrants its products (see warranty section) worldwide. Service for PS Audio products outside the United States and Canada is handled through your country's distributor or dealer.



Service

Owner's Reference Dectet Power Center

1. Obtain a Return Authorization Number (R/A number) and shipping address from your dealer or distributor's Service Department.
2. Insure and accept all liability for loss or damage to the product during shipment to the dealer or distributor's Service Department and ensure all freight (shipping) charges are prepaid.

If you have problems

If you feel your country's authorized dealer or distributor is either unwilling or unable to service your PS Audio products, please contact our service department at service@psaudio.com or at the above contact numbers to discuss the situation.

Voltage changes

Voltage changes to match your country's voltage and frequency requirements to your PS Audio product are possible only at the time of purchase. All PS Audio products are set to a fixed voltage to match your country's requirements and may not be changed.

Your serial number

Your PS Audio product serial number is:

Please fill in the dealer or distributor's information from where you originally purchased the unit.

Your purchase information

Date of purchase