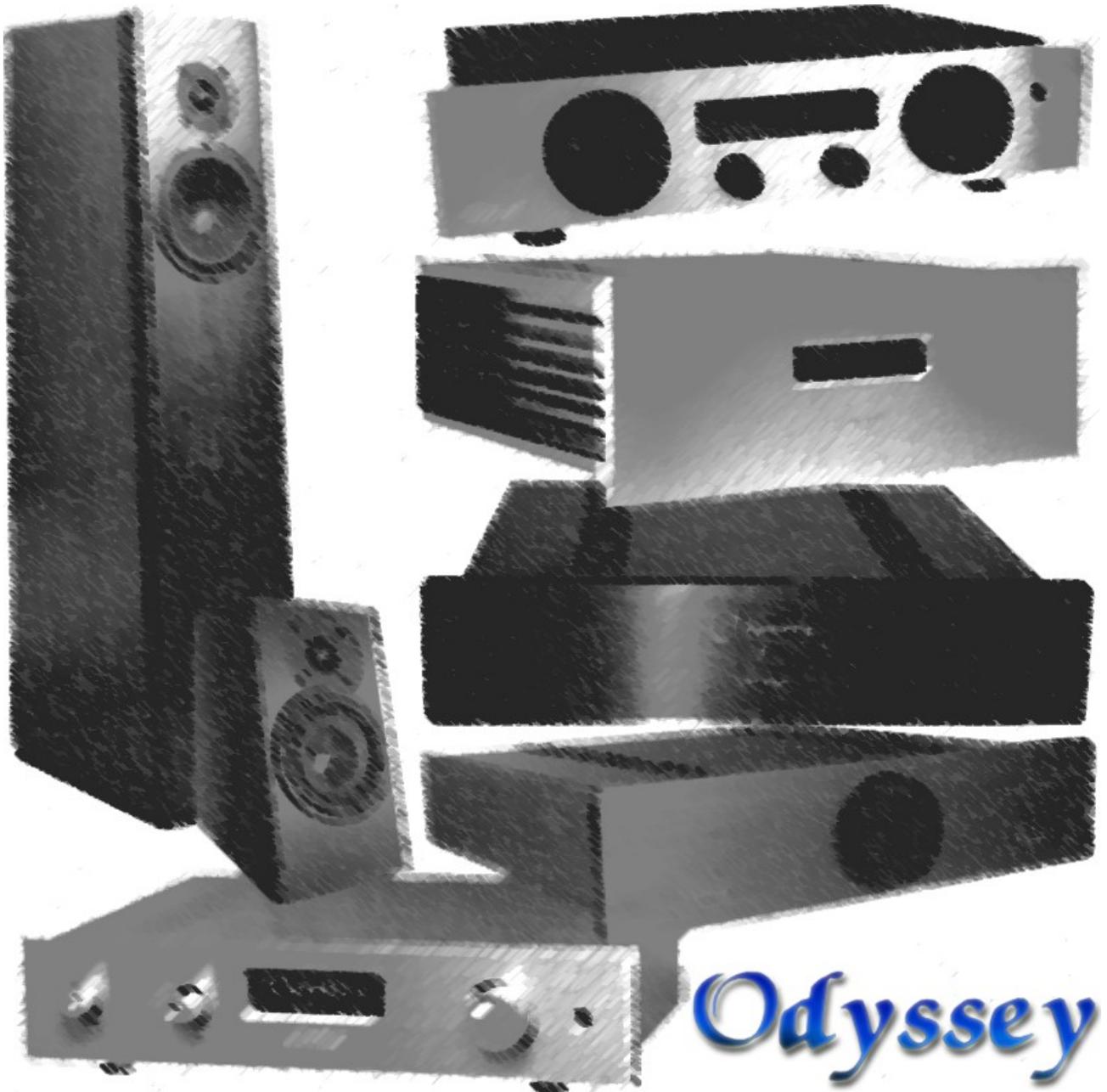


Users Manual

*For Odyssey
Stratos, Khartago, Cyclops, Tempest, Candela product families.
Lorelei and Epiphony II speakers*



Odyssey

A brief history and a short philosophical take:

Rolf Gemein can easily be described as one of the true high end audio pioneers. As early as the mid – 70's, he experimented with then revolutionary design aspects such as different internal cables, different types of solders, the influence of resonance control in the amplifier chassis, etc.

In 1979, Rolf started Symphonic Line with the intention of being solely responsible for the quest of the perfect musical "illusion ". In the years since, his incredible ear and most importantly, his tweaking and tuning abilities and complete devotion to music, produced phenomenal international successes as born out by dozens of product - of- the-year, consumer, and best - at - show awards.

A common practice of many high end manufacturer, due mainly to increased profitability, is to change their products every year. Unfortunately, too many fellow manufacturer are using this marketing and sales technique, which is inherently unfair to the consumers. On the other hand, Rolf Gemein's relentless pursuit of excellence and his philosophical approach of "evolutionary maturing processes" of his designs produced truly world - class products such as the classic RG 1 and the Kraft Reference series of amplifiers, Die Erleuchtung tube preamplifier, and the RG 8 Gold Cartridge, all being hailed as the very best in the US, Europe, and Asia alike.

Odyssey Design Group, the US importer / distributor of Symphonic Line works very closely together with Germany in design and production. Together, we created the Odyssey Project 2 Series, a new line of products designed by Symphonic Line in Germany, and build here in the US. When we created Odyssey, we knew that we had something very special. After all, the Odyssey designs were pure Symphonic Line's, to be seen as the "little brothers" of the RG's or Kraft Reference's. hi listening to the Odyssey products, you will immediately notice the familiar smoothness, quickness, and tonality, that have become the hallmark sound signatures of Symphonic Line.

What was really different, however, was the fact that due to several factors such as extremely compact production designs, US based manufacturing, very reasonable profit margins, and pure luck in finding some incredibly reasonable and at the same time enthusiastic suppliers, we were able to achieve an unbelievable price / performance factor of our products.

We achieved all of our goals, which are:

- to become the value leader in the true high end market
- to offer one of the very best service and upgrade policies in the business
- to share our passion for music instead of audiophile and spectacular effects
- exclusive use of top - quality parts of high reliability
- being able to offer the same value in our next products.

Especially on the quality and value issues, we'll be able to offer:

- the measuring, selecting, and matching of all output devices
- heavy machining throughout, use of metals only, and no plastics
- no silk screening, but only engraving
- hand - soldering of all contacts, with best available silver solder
- in - house metal finishing, and the exclusive use of anodizing processes
- three - level quality control at test points at 24 hrs /48 hrs burn - in, and small individual listening tests before shipping on all electronics

We are very confident that the phenomenal performance, dedication, value, craftsmanship, and service of Symphonic Line and Odyssey will create new standards in the high end industry. We truly believe that ultimately Rolf Gemein's lifelong obsession and work created something that your soul will love very much. Happy listening, and enjoy.

Before operating your Odyssey unit, please take the time and carefully read all safety instructions and the entire owner's manual.

You'll be given not only information about safety concerns and technical specifications, but also advice as how to optimize your system sonically, as well as information of our efforts to create the single best value in the high end audio market today.

Welcome

Thank you for purchasing a product from Odyssey Designs.

Your Odyssey unit has been designed by Symphonic Line in Germany. In 1979, Rolf Gemein started Symphonic Line with the intention of creating the perfect musical "illusion". In the years since, his incredible talents and complete devotion to music produced phenomenal international successes as borne out by dozens of product - of- the - year, consumer, and best - at - show awards.

Countless hours were spent in developing an extremely sophisticated circuitry that is a "world class high end performer", and due to its compact design, very inexpensive to manufacture. Your Odyssey product is very unique in this regard, and it provides the best possible value in audio today.

We are confident that the performance, dedication, value, craftsmanship, and service support given to Odyssey products will create new standards in the high end industry. We truly believe that Rolf Gemein's lifelong obsession and work has created something that your soul will love very much.

Happy listening, and enjoy.

Safety Instructions

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1. **Casework:** Do not operate the unit without the outer casework, internal electrical voltages of the unit may cause serious injuries
2. **Fuses:** Do not bypass any fuse in the unit. Only replace the fuses with the same type and ratings.
3. **Power Requirements:** An audiophile quality power cord with a three - prong plug is included with your Odyssey unit. To prevent shock hazards, do not defeat the grounding plug. If you have to use extension cords, make sure that cord / or outlets have a sufficient current of at least 10 amps.
4. **Ventilation and Temperature:** Due to extensive measures in selecting the best possible cooling devices, your Odyssey’s case temperature at full loads is extremely low for a high biased solid state unit. The temperature is only slightly above room temperature, and thus, not too much ventilation space is needed. The unit can be positioned even in small spaces.
5. **Repairs:** If a problem occurs with your Odyssey unit, do not attempt to repair it yourself. Instead, contact Odyssey Designs your Odyssey distributor for repair services.

Quality Information

The trademark of Odyssey and Symphonic Line products is uncompromising ultra – high end performance. Manual assembly and exclusive hand - soldering on all contacts surely enhances the performance aspect. Your Odyssey product has been mostly hand -made. This aspect of the manufacturing process is very expensive and time consuming, but ultimately, yields the best possible returns in high performance sound qualities.

However, with manual labor comes the added danger of human errors. Together with the possibility that electrical parts can always fail at any moment, regardless of parts model, quality, or manufacturer “this is simply the nature of the (electrical) beast”, one can easily see why quality control becomes even more important.

This is why we at Odyssey Designs see the quality control aspect as being so important. From the very beginning, we made sure that all of our designs and parts are proven and reliable.

Lastly, we implemented a “three stage” quality control program. Nearly all problems related to either faulty contacts or parts will become obvious within the first hours of operation. Thus, after completion, each unit is moved into a “bum-in” room, where the electronics idle for at least 48 hrs. Within this time span, all units are measured and biased twice. Finally, after 48 hrs, every piece undergoes an individual distortion listening check. Throughout this “QC” process, each unit is tracked according to its serial #.

Furthermore, each step of quality control is signed - off by the technician within this owner’s manual.

Unpacking

Please inspect your unit immediately for any possible shipping damages. Pay special attention to the glass inserts within the front plate. They should be inspected for any cracks. Immediately report any damage to your authorized Odyssey dealer, the shipping company, or Odyssey Design Group.

Please keep the shipping materials in a safe place for possible future reuse.

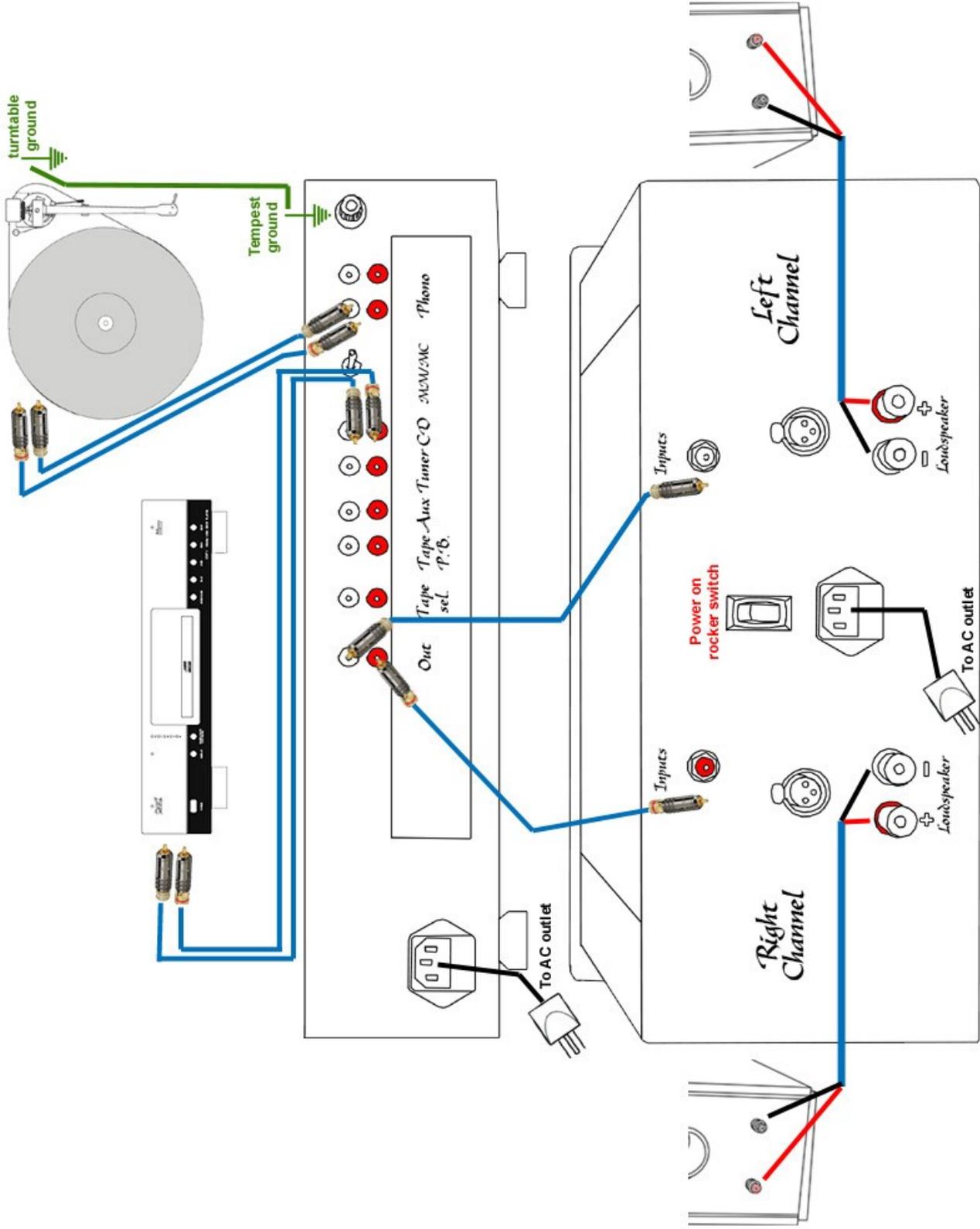
Location

1. Your Odyssey unit can be installed on a shelf, table, or equipment stand. Since the Tempest weighs in at around 35 lbs. and the Stratos at around 50 lbs, please check the strength of your surface material. The more stable and sturdier your surface is, the better resonances and vibrations are controlled, which also results in better performance of your stereo system. If preferred, you can also locate the amplifier on the floor. Due to the very effective Audio Selection damping feet, pretty much all surfaces, wood, tile, carpet, etc. are acceptable.
2. Due to the efficient design of the heatsinks of the amplifier, there is no need for a large ventilation area around your Odyssey unit. Both, the Tempest and the Stratos can be situated in tight areas.
3. DO NOT install your Odyssey product in an excessively hot or humid place.
4. This product is for indoor use only.

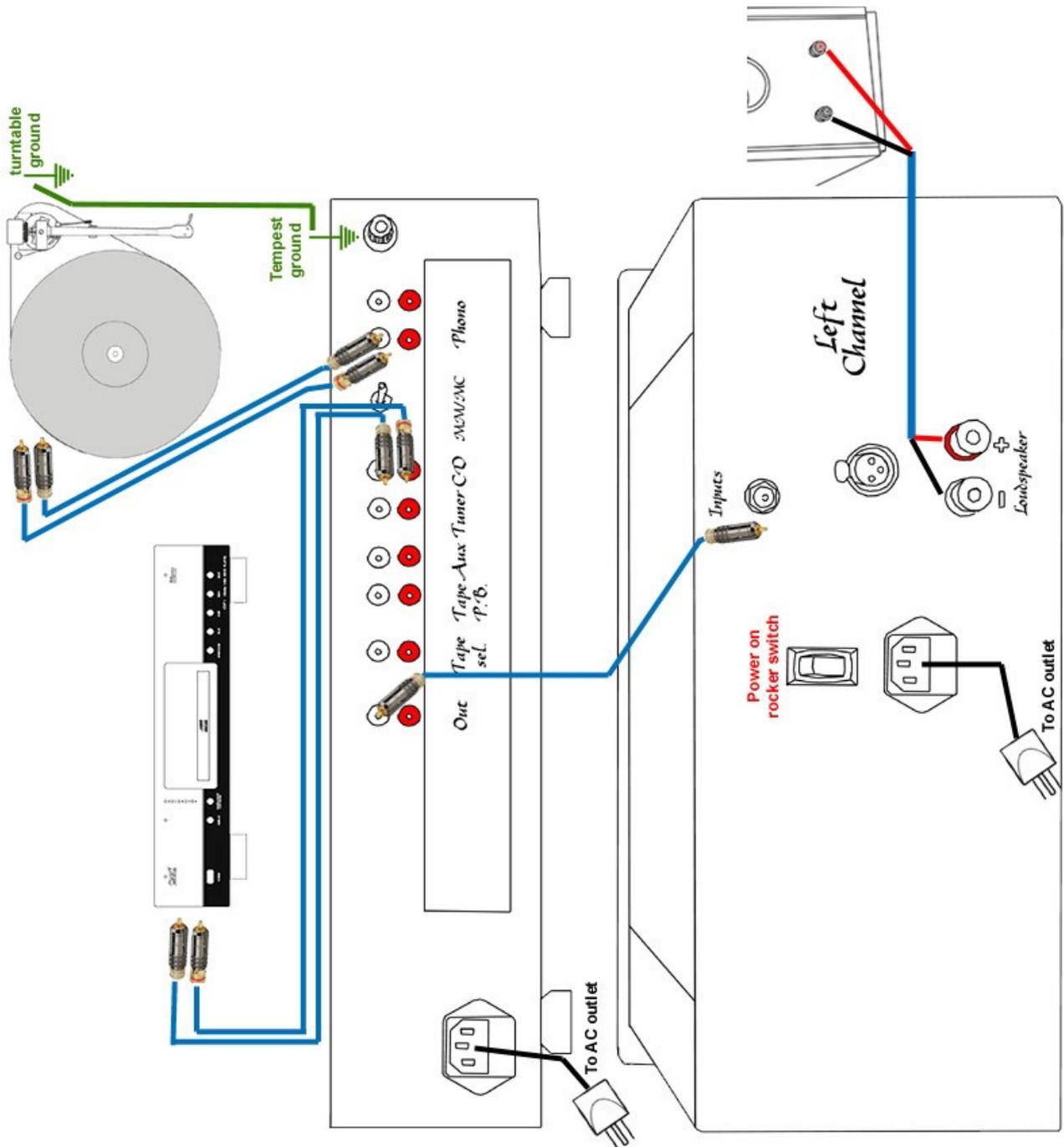
Set-Up

1. After positioning your Odyssey unit in the desired location, connect the supplied AC power cord into the AC receptacle. Make sure, that the AC cord is properly grounded. DO NOT defeat the grounding pin on the AC plug.
2. **Caution: Make sure that your unit is turned off before connecting input and output wires. Always remember to turn off your unit whenever you connect or disconnect any cables within your system. Depending on connected electronics and cables, there is always a chance that your unit could be damaged if these precautions aren't taken.**
3. Next, connect the RCA interconnect cables into the matching RCA input connectors. For the amplifier, connect the cables from the loudspeakers into the speaker - binding posts on the back of the amplifier. These solid and heavy, gold-plated connectors are designed to accommodate either bare wires, spades, or banana plugs.

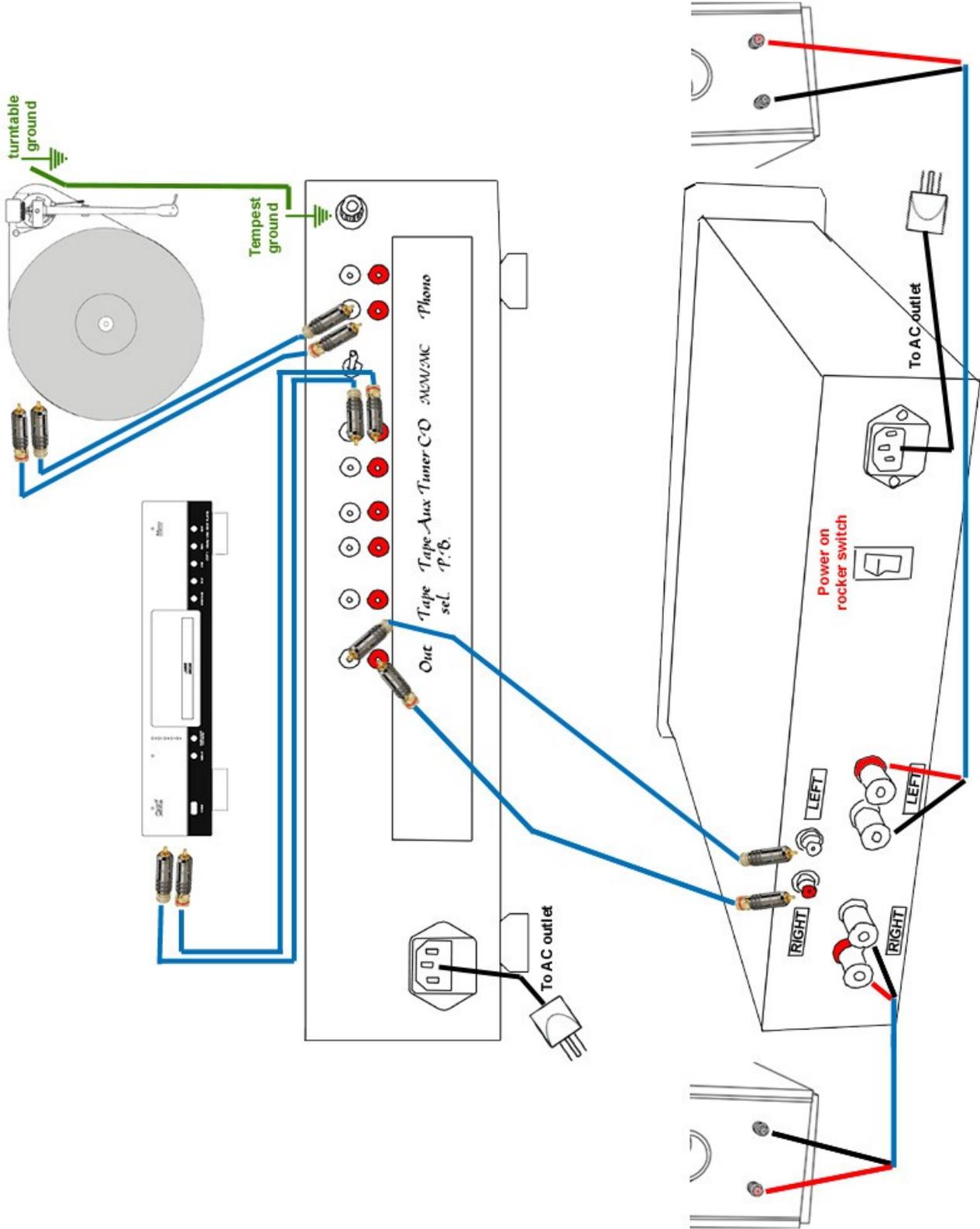
Tempest preamplifier connection to Stratos Stereo power amplifier
Stratos Stereo power amplifier connection to Tempest preamplifier



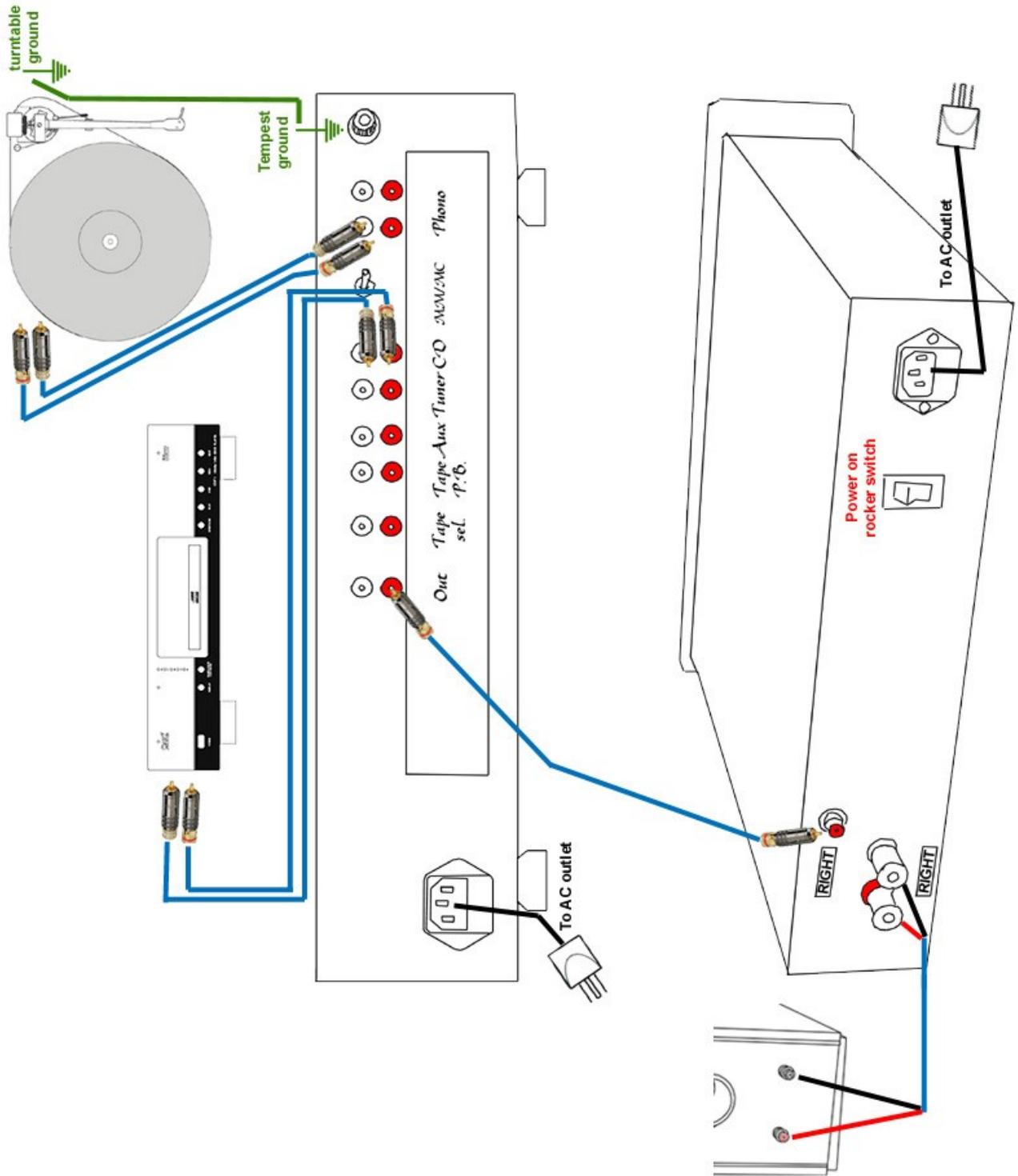
Tempest preamplifier connection to Stratos Mono power amplifier Stratos Mono power amplifier connection to Tempest preamplifier



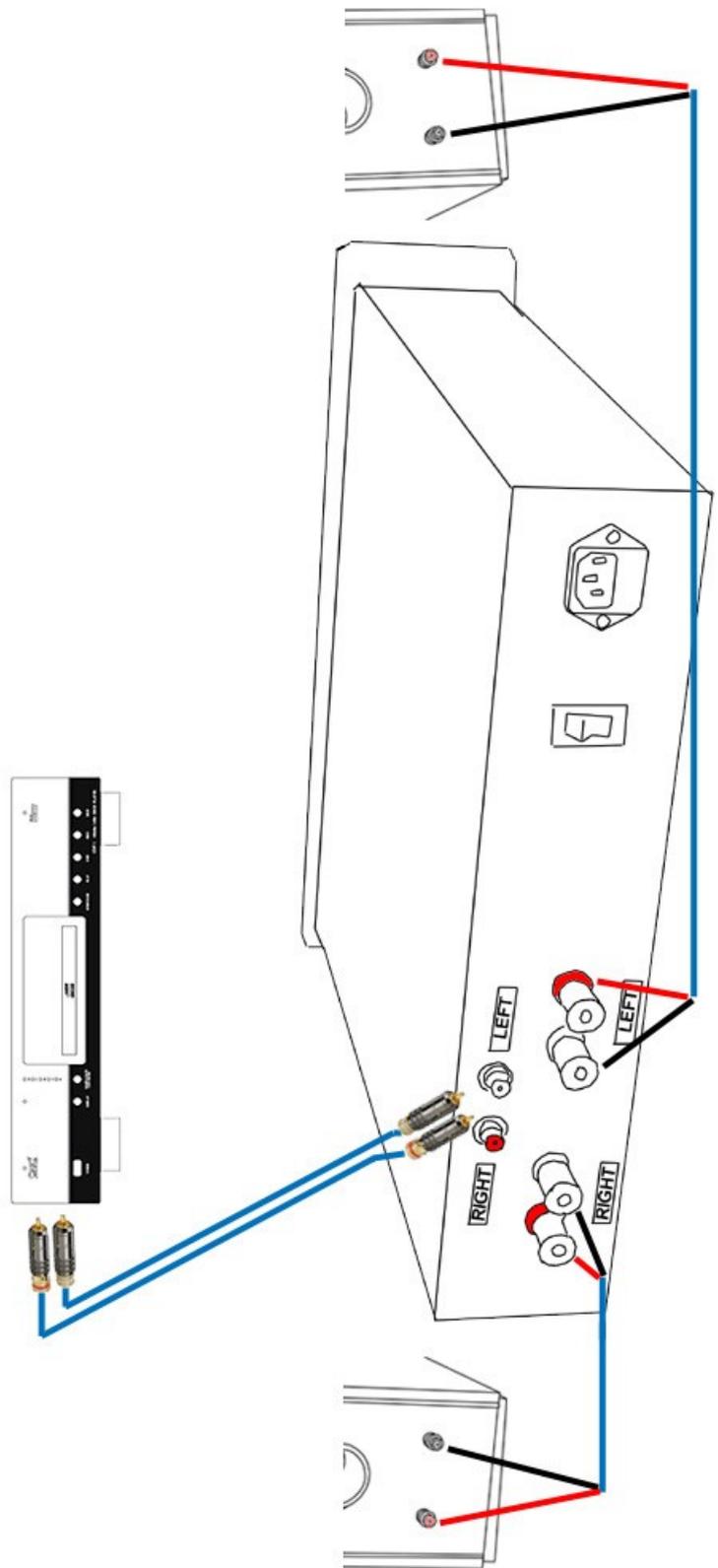
Tempest preamplifier connection to Khartago Stereo power amplifier
Khartago Stereo power amplifier connection to Tempest preamplifier



Tempest preamplifier connection to Khartago Mono power amplifier Khartago Mono power amplifier connection to Tempest preamplifier



Cyclops integrated amplifier source connection



Tempest preamplifier: Basic hook up and operation:

- Tempest front panel: Big knob at left is turn on/off switch. Do not force it to go beyond when a soft click takes place. Then unit is on (approximately a 9:00 position) or backwards is in off position (approximately a 7:00 position). Big knob at right is volume control. Small central knobs are for input source control: Select and Monitor. A small squared window cut at extreme right is the IR sensor for remote volume operation if you ordered this option.
- Line inputs: Tempest has 3 line inputs plus a Monitor Loop.
- Monitor loop has two positions: Select and Tape. Select allows to listen to the source selected by amplifier's (source) Select knob, this signal is sent to Tape Sel. Output so you can record it or process it separately. When in Tape position it is the signal coming from a tape deck, CD recorder or maybe another auxiliary device that will be heard.
- Phono inputs: Tempest has a reference grade phono preamplifier MC/MM capable. On the back panel a switch aside phono inputs selects MM cartridge in up position and MC in down position. Inputs at left are for MM cartridge, the pair of inputs at right are for MC cartridge. Big screw terminal at extreme left is for connecting turntable's ground line to preamplifier's chassis.
- Line outputs: There is a stereo output set at left extreme on preamplifier's back panel, if you ordered a second output stereo set will be aside the main outputs.
- Connections: Always keep channels order, this is: white to white (left channel) and red to red (right channel).

Stratos and Khartago (stereo and mono amplifiers): Basic hook up and operation:

- Power on rocker switch is on back panel.
- If you have a Stratos Stereo (Basic, Plus, Extreme) or a Khartago Stereo (Basic, Plus, Extreme) plug to it's Left and Right input jacks the cables from preamplifier or receiver's main output or pre out or check the user manual to find how the manufacturer labeled the output jacks from preamplifier or receiver.
- For Stratos and Khartago families in mono versions follow the above procedure and be careful to keep channel order. Mono amplifiers only accept one channel signal, Left or Right.
- In all cases remember to always keep channels order, this is: white to white (left channel) and red to red (right channel).

Cyclops integrated amplifier: Basic hook up and operation:

- Power on rocker switch is on back panel.
- Big knob at front is control volume.
- A small squared window cut at extreme right on front panel is the IR sensor for remote volume operation if you ordered this option.
- Cyclops integrated amplifier only has one line input stereo set, you can connect to these inputs a stereo signal from a source component like a CD, music server, etc.. Remember to always keep channels order, this is: white to white (left channel) and red to red (right channel).

(Specifications subject to change without previous notice)

Warm - up Operation

The following and it's related pages are intended as a general reference to the proper setup and operation of audio equipment. Every single audio and video system, Odyssey or other brands, benefit from these simple steps, some of which are actually free and very effective. A little attention and work can go a very long way as far as your system's performance is concerned

Even though most high-end audio equipment such as Odyssey products have been burned-in at the factory for a minimum of 48 hours, there is still considerable operational time needed for your unit to perform at its best. For enhanced sonic performance, we highly recommend you leave your unit on at all times until break-in is complete. The length of the break-in period is highly variable and dependent upon the specific product. There are specially-designed CDs, such as Reference Recording's Test and Burn-In CD (RX1000) or the Sheffield and Purist Audio Designs PAD burn-in CD's that contain special tracks that help with break-in. As a general rule, most equipment requires several hundred hours of playing to fully break-in. There are several factors that determine the extensive length of "break-in", such as charging of capacitors, establishing the electron flow on the PC board, cables, soldering joints, etc. External conditions, such as the power quality and stability of your power in your listening room, the kind of music you are listening to (more or less dynamics), and many more factors will contribute to the break-in process. It is important to note, that the more a given electronic unit has been played, the smaller the audible differences get. Even though we generalize improvements across the board, the typical phases of break-in below are more valid for solid state equipment, such as the Odyssey..

Within the break-in process, we distinguish four distinct phases of performance:

First Period: After turning on your amplifier or preamplifier for the first time, the units will require a few minutes to stabilize. The sound will be rather harsh on the higher frequencies, and the dynamic range is rather restricted with a flat overall presentation. This sonic signature will always be apparent when you turn on "cold" components.

Second Period: This stage will be reached after approximately 1-2 hours of playing time and lasts about 3-4 days. This stage is all about the charging of the power supply, and during this time, the dynamics, soundstaging, focus, and transients will improve noticeably. Essentially, your unit will start "opening up and relaxing." However, please also note that the amplifiers do a "Jeckyl and Hyde" during this time to some degree. Meaning that one day you might not have any bass whatsoever while the next day you might have too much of it, for example. Overall, the presentation might be very unstable.

Third Period: After approximately 10-14 days of playing and being charged, the upper midrange and highs will "smoothen out". The bass will improve in speed and articulation with less overhang. The result is more even and natural tone balance.

Fourth Period: After about 6 weeks + of operation when left on continuously, your unit should be very close to being fully broken in. The sound and performance has progressively improved and your unit will perform to it's full sonic potential.

Even after the initial break-in period, the internal components lose their charge each time the unit is turned off. The full re-charging can take hours (and sometimes days!). Therefore, the best sonic performance is achieved when the components are kept fully charged at all times. This essentially means leaving your equipment on at all times--if you are comfortable with that arrangement. If not, at least be aware that it will take some time for your unit to warm up and fully charge each time you power up. These charged-based performance issues are applicable to most electronic equipment, and are especially critical in high-end solid-state gear such as Odyssey amplifiers and preamplifiers.

To realize ultimate performance of your audio system, fine-tuned adjustments or "tweaking" should be considered. This can involve everything from simply setting up the equipment properly to using expensive system-enhancing products and acoustical room treatments. We will attempt to categorize by cost the various options and provide some basic advice on optimizing system performance.

In reviewing the following sections, it is important to understand that the suggested techniques and products are system-specific. Therefore, we strongly advise you to audition the products before purchasing them. Please feel free to call us and we will try to guide you through the veritable jungle of tweak and enhancement products. Even though for the last 14 years we have accumulated an extensive database of such tweak products with the emphasis of synergy with our products. We strongly recommend to purchase any tweaks only after an in-home trial with your own system.

No cost tweaks

The simplest, most cost-effective measure to the most out of your audio system is to set up the system properly. The following offers some advice on set-up:

a. Component Placement: Place all of your components on as solid a surface as possible. The heavier and sturdier the foundation, the better. This usually means a solid equipment rack that is spiked into the carpet or that sits squarely on the floor with no wobble. If preferred, you can also locate the amplifier on the floor. Due to the extremely efficient design of our heat sinks, there is no need to be concerned about any large ventilation areas around the units. Both, the various Stratos models and the Tempest Pre-Amplifier can be situated in tight areas, but should be kept away from excessively humid areas, as in the case with all audio / video components.

b. Power Cords: Where possible, make sure that the power cords of your components do not overlap anywhere. These cables carry electromagnetic fields that could interfere with each other, and thus overlapping could lead to "grainier" sound and other audible effects. Where cords must cross each other, separate the cords by several inches using a small block of Styrofoam or wood.

c. Interconnects and Speaker Cables: The same logic used for the power cord layout applies to interconnects and speaker cables, although to a lesser degree. Even though it is more difficult to separate these cables without overlapping, try to lay them out as parallel as possible. Again, the use of Styrofoam or similar material to separate the cables is recommended. It is especially important to make sure power cords are separated from the interconnects and speaker cables.

d. Loudspeaker Placement: Placement of speakers in your listening room is probably the single most important aspect of proper system set-up. First, set up your speakers by following the recommendations in your manufacturer's owners manual as close as possible. Secondly, try to avoid having your loudspeakers' drivers "look at" reflective surfaces such as windows or mirrors, especially at short distances. It is also important to try to minimize the effect of sound reflection from the side walls to your listening position. Left unchecked, this strong reflection (technically referred to as the first reflection point) will result in less precise imaging and "smearing" of the soundstage. This is due to the fact that the sound reaches your ear from the reflected path slightly later than the sound originating directly from the speaker.

If the owner's manual for your speakers does not provide you with any specific procedures for speaker placement, we would like to offer a basic rule of thumb. First, measure your room in the direction that the speakers will face (usually this is the length of the room as opposed to the width). Divide this distance by odd integers-- 3, 5, 7, and so on. This will provide the theoretical distances that the front of the speakers should be positioned from the back wall to minimize the effect of standing waves that develop within the room. Individual room configurations, furniture, and other factors cause the ideal speaker location to vary a bit from these theoretical positions, but these are usually the best points to begin listening tests. A typical example is provided below:

Example: Suppose your listening room measures 15 ft. long x 12 ft. wide, and the speakers will face the room's length-wise direction. Theoretically, the front of the speakers should be positioned at 5 ft., 4 ft., 3 ft., etc. from the rear wall. Try a couple of these distances as starting points and make slight adjustments as needed.

Low cost tweaks

a. De-coupling devices: Cones, spikes, or dampers nearly always help to improve the performance of components and the sound of your system. This is why all Odyssey products are outfitted with \$30 Audio Selection™ dampers as standard equipment, instead of cheaper glued-on rubber feet that are ineffective. We can also provide several different cones and spikes from Audio Selection™ to you, factory direct, with 50% savings.

b. Loudspeakers: Especially your loudspeakers will benefit greatly from cones or spikes. Most loudspeaker manufacturers supply these devices as part of their products, and we highly, highly recommend using them. In the vast majority of systems, be it floorstanding or bookshelf speakers, cones and spikes help to reduce or even eliminate overhang resonances from the woofers, and thus improve the tonality, soundstaging, and dynamics of your system.

c. Cables: Cables are important components in any audio system. When properly matched to the system, even relatively inexpensive audio cables can improve performance. Again, synergy is the key. Please feel free to contact us regarding your system, and we will try to give you the best possible advice based on our 12 years of experience in the high end electronics industry.

High cost tweaks

a. Cables: The degree of sound improvement with high-end audio cables will be system-specific. Therefore, more expensive does not necessarily mean better performance. This is found to be especially true when comparing the performance of very expensive cables. However, it is nevertheless possible that higher price tags could mean that more expensive design principles and materials are incorporated in the cable. Again, talk to your dealer or call us.

b. Resonance platforms and power line conditioners: Again as a rule of thumb these products work well, but they are also system-specific.

c. Acoustical room treatment products: There are a wide variety of different products with different materials, surfaces, sizes, and colors available. They are all effective, some more and some less. However, if your budget allows even modest treatments, you should try them. Essentially, only your budget and your interior decorating tastes (your spouse's too!) are the limit.

Care and Maintenance

Other than the internal fuses, there are no user serviceable parts inside your Odyssey amplifier or preamplifier. Thus, the top cover should only be opened for checking these fuses. Any other check up and work should be left to authorized service personnel. As for checking and changing internal fuses, see

Always turn off the unit before opening the top cover.

Your Odyssey case is made of brushed aluminum. Since the finish is anodized instead of painted, very minimal care and cleaning is required. Use only mild soap and a damp cloth to clean the case. Under no circumstance should you use dripping water or fluids, or excessively wet cloths, since drops of fluid can enter the inside of the case and cause serious damage to your unit. This would also void your warranty. **Don't use chemical solvents to clean your case.**

Even though your case is made of aluminum, the fact is that aluminum is still a very soft material, and prone to scratch rather easily. Avoid touching your Odyssey case with any sharp or pointy objects. All service work and possible upgrades are provided and performed by either Odyssey Designs or by authorized service personnel only. We truly strive to give you the best possible service, since we know the power of a satisfied customer and the resulting "word of mouth" advertising very well. We also take great pride in providing the best service and excellence. Our fast and reliable service offers you a high degree of peace of mind.

Call us for a cost -free maintenance check -up of your Odyssey unit.

Trouble Shooting

Should your Odyssey unit fail to operate at any time while switched on, please check the following points carefully:

1. Check for proper power connection.
2. Switch off your Odyssey unit and check for proper connection of all input and output wires.
3. If all cables are connected properly, check the proper power connection on all of your other components.
4. Turn on your Odyssey unit, and check the on / off switch. If it doesn't light up, check the external fuse, and replace this fuse with the correct value.
5. If the switch lights up, check for the internal fuses. Turn off your unit, disconnect the power cord, and open the top cover. Check the internal fuses and replace if necessary. (Examine either by visual check, Volt meter, or simply by replacing all of them). This is optional and Odyssey can't be responsible for any damages or injuries once the topcover has been removed. We recommend to have a trained technician perform any technical tasks.
6. If the unit still fails to work properly, please contact your authorized Odyssey distributor, or feel free to contact us directly. More specific troubleshooting can be performed over the phone.

Stratos Stereo power amplifiers family Specifications

Stratos Stereo:

base model specifications:

- 2 x 150 Watts RMS @ 8 Ohms
- 2 Ohm load stable
- Class A/AB
- 2 - 400,000 Hz frequency range
- 60,000 μ F memory
- 45 amps current delivery
- <0.04% THD (not audible)
- >500 continuous damping factor
- Input impedance >10kOhms
- DC offset <1 mV
- RCA & XLR (bridged) inputs
- 400 VA Plitron transformer
- Sanken Epitaxial Planar Transistors 2SA1216 & 2SC2922
- Anti vibration dual thickness PCB
- Power consumption when idle \pm 30Watts
- 4 internal fuses 250V/6.3A, 5x20mm, fast blow
- Additional electrical protection fuse
- 54 lbs weight / 24.5 kg
- Dimensions: 19 width x 18 deep x 7 height (in) / 48.3 width x 45.7 deep x 17.8 height (cm)

Stratos Stereo Plus:

improvements over base model:

- Additional 60,000 μ F memory bank for 120,000 μ F total
- 55 lbs / 25 kg weight

Stratos Stereo Extreme:

improvements over Plus model:

- Additional 60,000 μ F memory bank for 180,000 μ F total
- >60 amps current delivery
- Additional 400 VA Plitron transformer for 800VA total
- Higher performance parts:
- Nichicon Muse capacitors, Vishay/Dale resistors, extra WIMA metal film capacitors
- Power consumption when idle \pm 35Watts
- 70 lbs / 32 kg weight

Stratos Mono power amplifiers family Specifications

Stratos Mono:

specifications per unit:

- 1 x 180 Watts RMS @ 8 Ohms (each)
- 2 Ohm load stable
- Class A/AB
- 1 - 600,000 Hz frequency range
- 120,000 μ F memory (each)
- 120 amps current delivery
- <0.04% THD (not audible)
- >800 continuous damping factor
- Input impedance >10kOhms
- DC offset <1 mV
- RCA & XLR (bridged) inputs
- 400 VA Plitron transformer (each)
- Sanken Epitaxial Planar Transistors 2SA1216 & 2SC2922
- Anti vibration dual thickness PCB
- Power consumption when idle \pm 30Watts
- 4 internal fuses 250V/6.3A, 5x20mm, fast blow
- Additional electrical protection fuse
- >56 lbs weight / 25.4 kg
- Dimensions: 19 width x 18 deep x 7 height (in) / width x 45.7 deep x 17.8 height (cm)

Stratos Mono Extreme:

improvements over mono model:

- 1 x 200+ Watts RMS @ 8 Ohms (each)
- High Class A /AB
- Additional 60,000 μ F memory bank for 180,000 μ F total (each)
- >120 amps current delivery
- Additional 400 VA Plitron transformer for 800VA total (each)
- Higher performance parts:
- Nichicon Muse capacitors, Vishay/Dale resistors, extra WIMA metal film capacitors
- Power consumption when idle \pm 35Watts
- >66 lbs / 30 kg weight

Khartago Stereo power amplifiers family Specifications

Khartago Stereo:

base model specifications:

- 2 x 130 Watts RMS @ 8 Ohms
- 2 Ohm load stable
- Class A/AB
- 2 - 400,000 Hz frequency range
- 60,000 μ F memory
- 40 amps current delivery
- <0.04% THD (not audible)
- >500 continuous damping factor
- Input impedance >10kOhms
- DC offset <1 mV
- RCA inputs
- 400 VA Plitron transformer
- Sanken Epitaxial Planar Transistors 2SA1216 & 2SC2922
- Anti vibration dual thickness PCB
- Power consumption when idle \pm 30Watts
- 4 internal fuses 250V/6.3A, 5x20mm, fast blow
- Additional electrical protection fuse
- ** lbs weight / ** kg
- Dimensions: ** width x ** deep x * height (in) / ** width x ** deep x ** height (cm)

Khartago Stereo Plus:

improvements over base model:

- Additional 60,000 μ F memory bank for 120,000 μ F total
- ** lbs / ** kg weight

Khartago Stereo Extreme:

improvements over Plus model:

- Higher performance parts:
- Nichicon Muse capacitors, Vishay/Dale resistors, extra WIMA metal film capacitors

Khartago Mono power amplifiers family Specifications

Khartago Mono:

specifications per unit:

- 1 x 150 Watts RMS @ 8 Ohms (each)
- 2 Ohm load stable
- Class A/AB
- 1 - 600,000 Hz frequency range
- 120,000 μ F memory (each)
- 120 amps current delivery
- <0.04% THD (not audible)
- >800 continuous damping factor
- Input impedance >10kOhms
- DC offset <1 mV
- RCA inputs
- 400 VA Plitron transformer (each)
- Sanken Epitaxial Planar Transistors 2SA1216 & 2SC2922
- Anti vibration dual thickness PCB
- Power consumption when idle \pm 30Watts
- 4 internal fuses 250V/6.3A, 5x20mm, fast blow
- Additional electrical protection fuse
- >** lbs weight / ** kg
- Dimensions: ** width x ** deep x * height (in) / ** width x ** deep x ** height (cm)

Khartago Mono Plus:

improvements over base model:

- Additional 60,000 μ F memory bank for 120,000 μ F total
- ** lbs / ** kg weight

Khartago Mono Extreme:

improvements over Plus model:

- Higher performance parts:
- Nichicon Muse capacitors, Vishay/Dale resistors, extra WIMA metal film capacitors

Cyclops integrated amplifiers family Specifications

Cyclops integrated amplifier:

base model specifications:

- Minimalist design, 1 input only
- 2 x 130 Watts RMS @ 8 Ohms
- 2 Ohm load stable
- Class A/AB
- 2 - 400,000 Hz frequency range
- 60,000 μ F memory
- 40 amps current delivery
- <0.04% THD (not audible)
- >500 continuous damping factor
- Input impedance >10kOhms
- DC offset <1 mV
- RCA inputs
- High quality Alps potentiometer
- 400 VA Plitron transformer
- Sanken Epitaxial Planar Transistors 2SA1216 & 2SC2922
- Anti vibration dual thickness PCB
- Power consumption when idle \pm 30Watts
- 4 internal fuses 250V/6.3A, 5x20mm, fast blow
- Additional electrical protection fuse
- ** lbs weight / ** kg
- Dimensions: ** width x ** deep x * height (in) / ** width x ** deep x ** height (cm)

Cyclops Plus integrated amplifier:

improvements over base model:

- Additional 60,000 μ F memory bank for 120,000 μ F total
- ** lbs / ** kg weight

Cyclops Extreme integrated amplifier:

improvements over Plus model:

- Higher performance parts:
- Nichicon Muse capacitors, Vishay/Dale resistors, extra WIMA metal film capacitors

Tempest SLB line and phono preamplifier family Specifications

Tempest SLB:

model specifications:

- SLB: Genuine Symphonic Line® (circuit) board
- 5 - 200,000 Hz frequency range
- 14,000µF memory
- <0.05% THD (not audible)
- RCA type inputs & output
- 3 line inputs
- 1 input can be configured for HT bypass *
- 1 tape monitor in/out
- 1 MM/MC selectable phono input
- Phono MM input impedance: 47 kOhm / 150 pf
- Phono MC input impedance: 70 Ohm
- 1 pair preamplifier output
- 2nd pair of pre outs optional *
- Preamplifier output impedance: 70 Ohm
- 300 VA transformer
- High quality Alps potentiometer
- Remote control volume option available *
- >30 lbs weight / >13.5 kg
- Dimensions: 19 width x 13 deep x 4 height (in) / 48.3 width x 33.0 deep x 10.2 height (cm)

Tempest SLB Extreme:

improvements over base model:

- Mu-Metal 300VA transformer

Candela vacuum tube line preamplifier Specifications

Candela:

model specifications:

- "Current Source Loaded Grounded Cathode Amplifier" based design
- Vacuum Tube single ended stages
- Class-A single ended configuration
- Zero feedback
- Low output impedance
- Low current design
- Relay-controlled input selector
- Power supply rectification using ultra fast-soft recovery "Stealth" Diodes
- (2) ECC82/12AU7 tubes
- 14dB gain
- Frequency Response 10Hz - 500kHz
- RCA type inputs & output
- 4 line inputs
- 1 input can be configured for HT bypass *
- Input Impedance >100 kOhm
- 1 pair preamplifier output
- 2nd pair of pre outs optional *
- Preamplifier output impedance: 10 kOhm
- High quality Alps potentiometer
- Remote control volume option available *
- >16 lbs weight / >7.25 kg
- Dimensions: 18 width x 8 deep x 4 height (in) / 45.7 width x 20.3 deep x 10.2 height (cm)

Loudspeakers Specifications

Lorelei:

model specifications:

- Design derived from Symphonic Line's® Legato
- 2-way Ported
- 32-22,000 Hz frequency range
- 6 Ohm impedance
- 89 dB sensitivity
- Scanspeak D2905-970000 tweeter:
 - 1" dome, low compression design, non resonant chamber
- Scanspeak 18W/8545-00 midwoofer:
 - 6.8", carbonfiber/graphite composite
- High quality parts:
 - Alpha-Core, Mundorf, WBT, Groneberg cable
- Ultra stiff and craftwork grade cabinet Made in USA
- >95 lbs weight (each) / >43 kg
- Dimensions: 8 width x 11.5 deep (top) / 15 (bottom) x 45 height (in) / 20.3 width x 29.5 deep (top) / 38.1 (bottom) x 114.5 height (cm)

Epiphony II:

model specifications:

- 2-way Ported, time aligned
- 48hz - 29khz +/- 3db
- 8 Ohm impedance
- 89 dB sensitivity
- 12w - 150w RMS amplifier power
- First order crossover network
- Usher 1" soft dome tweeter (replica of Scanspeak Scan Speak 9500)
- Tang Band W5 876SD high excursion paper 5" woofer
- High quality parts: Alpha-Core, Sonicap, Groneberg cable
- Ultra stiff and craftwork grade cabinet Made in USA
- >18 lbs weight (each) / >8.2 kg
- Dimensions: 7 width x ** deep (top) / 10 (bottom) x 13 height (in) / 17.8 width x ** deep (top) / 25.4 (bottom) x 33 height (cm)

Conditions of Warranty Terms and Conditions

1. Limited Warranty:

Odyssey Designs warrants your unit to be free from manufacturing defects subject to the conditions hereinafter set forth for a period of 20 (twenty) years from the date of purchase.

2 Conditions:

This warranty is subject to the following conditions and limitations:

- Return of the supplied warranty registration paper within 30 days of purchase or fill the online form. If this information isn't returned to Odyssey Designs within this time limit, the warranty is void and inapplicable.
- The warranty is also void if the Odyssey product is used in any other manner than the one intended by the manufacturer as specified in the instructions in the owner's manual.
- Furthermore the warranty is void, if any repairs, modifications or alterations of any sort have been performed in the Odyssey product by anyone other than Odyssey Designs and authorized Odyssey service repair centers.
- The return of the product has to be authorized either in a written form or verbally by Odyssey Designs. Odyssey Designs only accepts warranty work on the product, if a written description of the defect is supplied by the customer.
- Odyssey Designs reserves the right to modify the design of the product without obligation to the purchasers of previously manufactured products and to change the prices or specifications of the product without notice or obligation to any person.

3. Transferal Limitations:

This warranty extends to the original purchaser of the product and to one subsequent transferee owner of the product during the term of the warranty only. This requires the warranty transfer with the included warranty papers. Send in this paper with the name and address of the original owner.

Duration of Warranty:

This warranty expires 20 years after the date of purchase.

Kind of Warranty:

The warranty is divided into two time periods.

Years 1 and 2 are covered fully, including parts and labor, under the described warranty terms.

Years 3 to 20 are covered under a "limited warranty". Under the terms of this warranty, any parts are covered within this time period. Labor, however, will have to be paid by the purchaser.

At any time during this warranty, the registered owner is entitled to re-biasing work and check-up's free of charge. However, shipping costs will apply.

Warrantor:

Inquiries concerning this limited warranty may be sent to the following address:

Odyssey Designs AV, Incorporated
6731 West 79th Street
Indianapolis, IN 46278, U.S.A.
(317) 299 - 5578
odav@odysseyaudio.com

The same address has to be used when sending back a unit for warranty work, any possible future upgrades, or free "tune-up's".