GECKO® GENESIS ELEGANCE AGE 300H / 600H / 900H

OWNER'S MANUAL

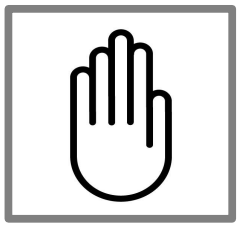
www.geckomusicgroup.com

GECKO®

SAFETY INSTRUCTIONS & SYMBOLS GUIDE

For your own safety and to avoid invalidation of the warranty, all text marked with these symbols should be read carefully.

SYMBOLS:



NOTES
Contain important information and useful tips on the operation of your equipment.

WARNING
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.

CAUTIONS
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. Please read the manual carefully.

HEADPHONES SAFETY WARNING
Contain important information and useful tips for headphones outputs and monitoring levels.

SAFETY INSTRUCTIONS:

- To reduce the risk of electrical shock, do not remove covers. No user-serviceable parts inside. Please refer servicing to qualified personnel.
- To reduce the risk of electrical shock or fire, do not expose the equipment to rain or moisture.
- Do not impose unnecessary stress on your equipment (i.e. placing heavy objects on it, over screwing its mounting, etc).
- Read and keep the instruction manuals in a safe place for future references.
- Do not attempt to clean the equipment with chemical solvents as this may damage the finish. Clean only with a dry cloth.
- Do not block any ventilation openings.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Do not defeat the purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the grounding prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the 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 the apparatus during lightning storms or when it is not in use for a long period of time.

- Use only attachments/accessories specified by the manufacturer.
- Always shut down power supply when not in use to save energy and for a prolonged lifespan.
- Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time. The U.S. Government's Occupational Safety and Health Administration (OSHA) and the Singapore Workplace Safety and Health Council (WSHC) has specified the permissible noise level exposures shown in the following chart. According to OSHA and WSHC, any exposure in excess of these permissible limits could result in some hearing loss. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels use hearing protectors while the equipment is in operation. Earplugs or protectors in the ear canals or over the ears must be worn when operating the equipment in order to prevent permanent hearing loss if exposure is in excess of the limits set forth here:

Duration/Day (Hours)	dB, Sound Pressure Level (SPL)	Descriptions
	Below 90dB	Safe zone
8.00	90	Hearing damage
6.00	92	
4.00	95	
3.00	97	
2.00	100	Serious hearing damage
1.50	102	
1.00	105	
0.50	110	
0.25 or less	115	Human pain threshold

GECKO MUSIC GROUP
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FOREWORD

Dear Friends,

Thank you very much for purchasing quality products by **GECKO MUSIC GROUP**. I am very grateful that we have journeyed this far, since 2002! We have set new audio standards in the industry and we have touched and changed lives along the way! I believe our journey will not stop but continue to pursue more breakthrough findings and improvements that will change our lives for the better.

At **GECKO MUSIC GROUP** we focus on developing nothing but the best professional audio equipment and premium grade audiophile products you ever need! Our engineering team is constantly doing R&D to meet this goal. I thank God that by His grace, we have succeeded in developing the revolutionary C.R.I.S.T.A.L.® technology that has changed and is changing the way how audio is captured, encoded, reproduced and managed!

On behalf of **GECKO MUSIC GROUP**, I would like to pledge our continuing commitment to uphold our traditions in serving the music and audio communities around the world with more value-added premium quality GECKO® professional audio equipment and premium grade audiophile products!

Once again, thank you very much for your support. We trust you will love what you hear!

Yours truly,

Daniel Foo
Founder/Director (R&D)
GECKO MUSIC GROUP

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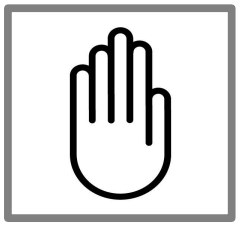


NOTES: This manual covers the GECKO® GENESIS ELEGANCE AGE 300H, GECKO® GENESIS ELEGANCE AGE 600H, and the GECKO® GENESIS ELEGANCE AGE 900H. As these devices are virtually identical, this manual will discuss the GECKO® GENESIS ELEGANCE AGE 900H.

INTRODUCTION

Introducing the world's first line-replaceable unit (LRU) audiophile-grade power amplifiers! Our latest GECKO® GENESIS ELEGANCE power amplifiers incorporate refined 16-stage C.R.I.S.T.A.L.® Audiophile Class-H technology for precision audio reproductions. The new 16-stage C.R.I.S.T.A.L.® Audiophile Class-H technology allows wider frequency bandwidth being processed in many bands of “frequency cells” more efficiently while maintaining the desired RC time constants. The result – superb audiophile clarity and an energy-efficient system with lots of headroom. Hence, playing a familiar audio source through any one model of the GENESIS ELEGANCE C.R.I.S.T.A.L.® Audiophile Class-H power amplifier in your system setup; you will be able to hear the track in superb clarity and details you have missed out all these while!

Its elegant front panel with two handles are made from a single-piece aluminium block, with two “quick-release” air cooling vent covers for easy access to its dust-filters for maintenance cleaning. The GENESIS ELEGANCE has a 2U rack-mountable chassis design. Under the hood is a brand new, eco-friendly, advanced system design using the industry's finest components. The components are mounted on the printed circuit board (PCB) using the latest surface-mount technology (SMT), ensuring exceptional efficiency and reliability.

The GENESIS ELEGANCE is equipped with advanced system protections such as the automatic Voltage Peak Limiter (VPL) for protecting input signals from overloading, Current Peak Limiter (CPL) for ensuring that the amplifier’s output does not exceed the safe current handling parameters of amplifier components, Very High Frequency (VHF) protection circuits for muting the output of the amplifier when non-dynamic continuos signals above 12kHz are detected, Temperature (TEM) protection for ensuring that the amplifier will not be damaged by exceeding thermal limits, DC protection for ensuring destructive DC signals will not appear at the amplifier outputs, and many more.

Revolutionary LRU design allows easy replacement (can be done within minutes) of the LRU module, or provides easy system access for maintenance purposes should you need to do so.

The GECKO® GENESIS ELEGANCE C.R.I.S.T.A.L.® Audiophile Class-H power amplifiers are more than just engineering masterpieces; they are where arts and technology come as one. The GECKO® GENESIS ELEGANCE C.R.I.S.T.A.L.® Audiophile Class-H power amplifiers are the world's only audiophile-grade power amplifiers designed for home, studio, and live sound applications.

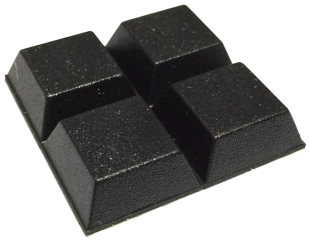
Available in three models:
GECKO® GENESIS ELEGANCE AGE 300H C.R.I.S.T.A.L.® Audiophile Class-H power amplifier;
GECKO® GENESIS ELEGANCE AGE 600H C.R.I.S.T.A.L.® Audiophile Class-H power amplifier;
GECKO® GENESIS ELEGANCE AGE 900H C.R.I.S.T.A.L.® Audiophile Class-H power amplifier.

PACKAGE CONTENTS

GENESIS ELEGANCE AGE 300H / AGE 600H / AGE 900H:

- 4-conductor screw terminal adaptor

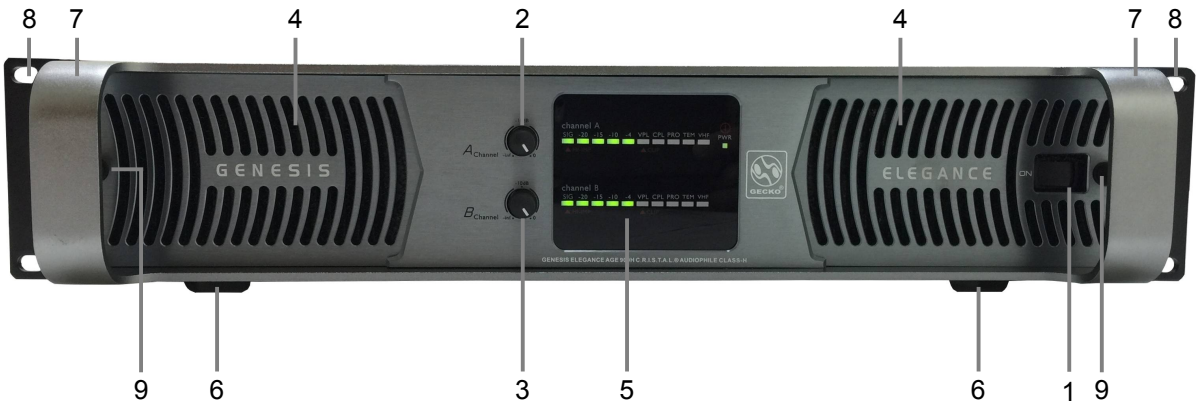
- Either rubber feet or



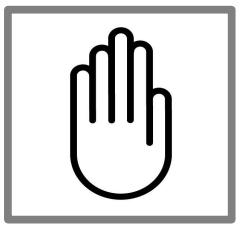
- Mini Phillips-head screwdriver

CONTROL ELEMENTS

FRONT PANEL



1. POWER SWITCH
Use this switch to turn ON and OFF your power amplifier.



NOTES: When your power amplifier is first powered up, the red PRO LED indicator will illuminate while the cooling fans will rotate at higher speed (start-up temperature control measure); after approximately 6 seconds, the red PRO LED indicator will distinguish and the cooling fans enter ultra-quiet cooling mode. The green PWR LED indicator illuminates when the power amplifier is switched on, indicating your power amplifier is active.

2. CHANNEL A ATTENUATOR CONTROL
In STEREO mode, this attenuator allows the adjustment of CHANNEL A input level. The lowest gain level is marked as “-inf” and the highest is set at “0dB”. In BRIDGE/PARALLEL mode, this attenuator allows the combined gain adjustments of both CHANNEL A and CHANNEL B at the same time. CHANNEL B attenuator control is disabled in BRIDGE/PARALLEL mode.

3. CHANNEL B ATTENUATOR CONTROL
In STEREO mode, this attenuator allows the adjustment of CHANNEL B input level. This attenuator control is disabled in BRIDGE/PARALLEL mode.

4. AIR COOLING VENTS
Cool air is drawn from the surrounding environment into the power amplifier by the cooling fans through these vents, while the warm air exits through the rear air vents of the power amplifier. This process helps keeps the power amplifier cool. The dust-filters are located behind these covers. They are for minimizing the entry of dust and dirt.

CAUTIONS: Do not block the front and rear air vents!

5. LED INDICATORS

► PWR (GREEN LED)
Illuminates when power on.

► SIG (GREEN LED) / HI-IMP
Shows signal is present on a particular channel (-40dB to -4dB). When an open or high-impedance load is detected, the LED will be dimmed.

► PRO (RED LED)
Illuminates when the power amplifier is in protection mode (protecting the device from overheating, overload, short circuit, DC, and enables soft start to the power amplifier).

► VPL (ORANGE LED) / CLIP
Illuminates when Voltage Peak Limiter (VPL) is active to regulate clipping.

► CPL (ORANGE LED)
Illuminates when Current Peak Limiter (CPL) is active to regulate the power amplifier's output current so that it does not exceed the safe current handling parameters of the power amplifier components.

► TEM (ORANGE LED)
Illuminates when the sensor detects high temperature exceeding the power amplifier's thermal limit. When this happens, the temperature protection circuit will mute the power amplifier to ensure that the amplifier will not be damaged.

► VHF (RED LED)
Illuminates when non-dynamic continuos signals above 12kHz are detected. Very High Frequency (VHF) protection mode is active (output muted).

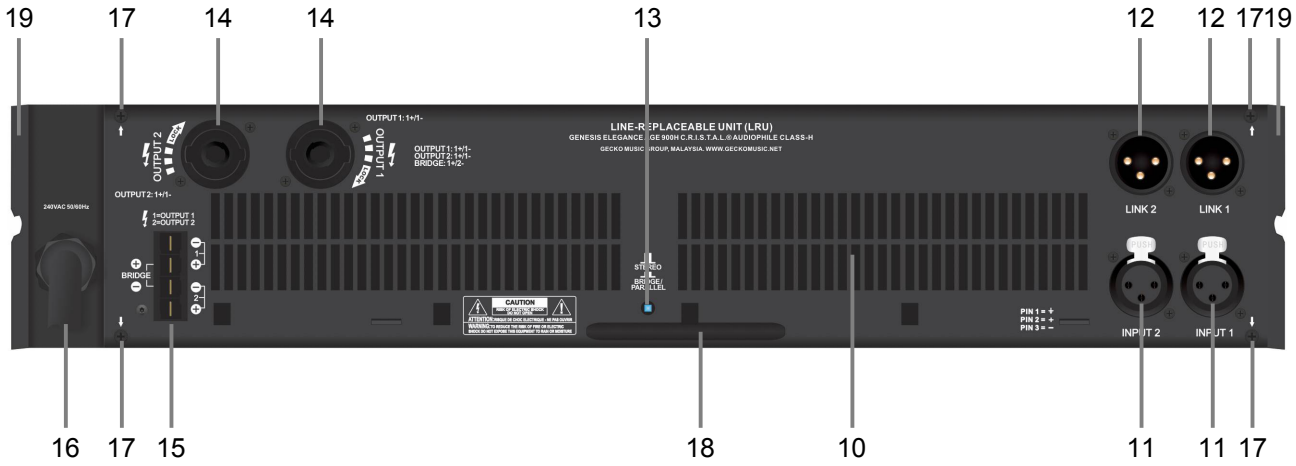
6. RUBBER FEET
High-density rubber feet supplied (when applicable) along with your power amplifier. Use these feet to reduce “surface-to-amplifier” or “amplifier-to-surface” vibration and to prevent scratches to your power amplifier.

7. HANDLES
Those one-piece handles are provided for better power amplifier handling.

8. FRONT PANEL MOUNT
These are standard 19” rack width 2U rack-mount panels. Thread size is M6 x 0.1mm.

9. QUICK-RELEASE SCREWS
These are “quick-release” screws for the front air cooling vent covers. Turn anti-clockwise to unscrew.

REAR PANEL



10. AIR VENTS
These air vents are for the exit of warm air from within your power amplifier.

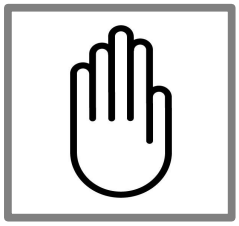
CAUTIONS: Do not block the front and rear air vents!

11. INPUT (1-2)
Two balanced XLR female type INPUT sockets are provided (one per channel).

12. LINK (1-2)
Two balanced XLR male type LINK sockets are provided (one per channel) to loop-thru signal from one amplifier to another.

13. MODE SELECTOR
Select the desired INPUT configuration by pushing in (using a pin) the MODE selector to the corresponding position.

STEREO – upper position;
BRIDGE/PARALLEL - lower position (selector pressed in).



NOTES: The BRIDGE/PARALLEL mode setting combines both channels into a single channel with twice the output voltage. The signal is applied to CHANNEL A's input (INPUT 1) only.

14. OUTPUT (1-2)

These two SPEAKON connectors are for connecting loudspeakers with SPEAKON connections to CHANNEL A and CHANNEL B on your power amplifier respectively. Connect OUTPUT 1 SPEAKON “1+” to “+” lead of your speaker cable (usually come with white insulator) and “1-” to “-” lead of your speaker cable (usually come with black insulator), and OUTPUT 2 SPEAKON “1+” to “+” lead of your speaker cable (usually come with white insulator) and “1-” to “-” lead of your speaker cable (usually come with black insulator).

CAUTIONS: Do not use the 4-conductor screw terminal OUTPUT (1-2) when you are using the SPEAKON connections. Do not connect your OUTPUT (1-2) to loads with less than 4Ω impedance.

15. SCREW TERMINAL OUTPUT (1-2)

These are 4-conductor screw terminal output sockets for connecting speaker wirings via the supplied 4-conductor screw terminal adaptor. Connect screw terminal OUTPUT 1 “1+” to “+” lead of your speaker cable (usually come with white insulator) and “1-” to “-” lead of your speaker cable (usually come with black insulator), and screw terminal OUTPUT 2 “1+” to “+” lead of your speaker cable (usually come with white insulator) and “1-” to “-” lead of your speaker cable (usually come with black insulator). Plug in the adaptor into the sockets when ready.

CAUTIONS: Do not use the SPEAKON OUTPUT (1-2) when you are using the 4-conductor screw terminal connections. Do not connect your OUTPUT (1-2) to loads with less than 4Ω impedance.

16. FUSED IEC - AC POWER CORD WITH PLUGTOP

Plug the AC power cord into a standard wall power outlet. The fused plugtop protects the power amplifier from possible electrical hazards caused by power overload.

WARNING: Be sure to verify your actual line voltage is the same as the voltage level required by your power amplifier. Connection to an inappropriate power source may result in fire or electric shock, and extensive damage which is not covered by the warranty.

17. LINE-REPLACEABLE UNIT (LRU) PANEL SCREWS
These are the four screws that hold the LRU module to the power amplifier's chassis.

18. LINE-REPLACEABLE UNIT (LRU) PANEL HANDLE
This is the handle for the LRU module. Use this handle to pull out or push in the LRU module.

19. REAR PANEL MOUNT
These are additional rack-mount panels. Thread size is M6 x 0.1mm.

OPERATION & PERFORMANCE

SUPERB CLARITY WITH C.R.I.S.T.A.L.® AUDIOPHILE TECHNOLOGY
All GECKO® GENESIS ELEGANCE series power amplifiers use refined 16-stage C.R.I.S.T.A.L.® Audiophile Class-H technology for precise audio reproduction. The new 16-stage C.R.I.S.T.A.L.® Audiophile Class-H technology allows wider frequency bandwidth to be processed in numerous bands of “frequency cells” more efficiently while maintaining the desired RC time constants. The result – superb audiophile clarity and an energy-efficient system with lots of headroom.

THERMAL PROTECTION WITH ULTRA QUIET COOLING (UQC) SYSTEM
All GECKO® GENESIS ELEGANCE series power amplifiers use a forced-air cooling system to maintain a low, even operating temperature. Drawn in by dual 45 cubic feet-per-minute (CFM) fans, cool air flows through the front cooling vents, then exhausts through the evenly-layout copper heat sinks (dissipating power transistor heat) located at the rear vents. The “intelligent” variable-speed DC fans are controlled by Ultra Quiet Cooling (UQC) heat sink temperature-sensing circuits. When the power amplifier is turned on, the fans briefly “rev up” for approximately 6 seconds, then slow to an idle; this indicates that the temperature sensing circuits are operating normally. The fan speed increases only as required by heat sink temperatures, keeping fan noise to a minimum. Under extreme thermal load, the fans will force a very large volume of air through the heat sinks. If the heat sinks surpass the maximum allowed temperature, the Ultra Quiet Cooling (UQC) sensing circuit will open the output relay, disconnecting the load from that channel (TEM LED indicator illuminates). If the power transformer overheats, another Ultra Quiet Cooling (UQC) sensing circuit opens both channel output relays until the transformer cools to a safe temperature.

SHORT CIRCUIT PROTECTION WITH IMPEDANCE SENSING CIRCUITRY (ISC)
If an output is shorted (i.e. defective loudspeakers or crossed speaker wires) the Impedance Sensing Circuitry (ISC) and thermal circuits will automatically protect the power amplifier. The ISC circuit senses the short circuit as an extremely stressful load condition and attenuates the signal, protecting the channel’s output transistors from over-current stress. If the short circuit remains, the load will be disconnected by the thermal protection circuitry (output relay opens). PRO LED indicator illuminates.

DC VOLTAGE PROTECTION
If an amplifier channel detects DC voltage at its output terminals, the output relay will immediately open to prevent loudspeaker damage. PRO LED indicator illuminates.

CLIP PROTECTION WITH VOLTAGE PEAK LIMITER (VPL)
The Voltage Peak Limiter (VPL) provides optimum peak voltage settings for each channel automatically. At the power amplifier’s full power limit or clipping point, the VPL will be activated. This is indicated by the illumination of the VPL / CLIP LED. The channel gain is automatically reduced, protecting the loudspeakers from potential damage from the high power, continuous square waves that would otherwise be produced. The circuit is virtually transparent in operation and full signal bandwidth is maintained.

SOFT START CIRCUITRY (SSC)
Soft Start Circuitry (SSC) operates every time the power amplifier is switched on or is reactivated after a protect condition is corrected. The SSC gradually increases gain to the attenuators' setting avoiding unnecessary stress on the loudspeakers. PRO LED indicator illuminates.

VERY HIGH FREQUENCY (VHF) PROTECTION
If a signal of more than 12kHz, at full power is detected for more than five seconds, the VHF protection circuit mutes the output signal (VHF LED indicator illuminates). After five seconds the outputs will un-mute and return to normal operation (VHF LED indicator light goes off), unless the output signal has remained unchanged, in which case the VHF protection will reinitiate.

CURRENT PEAK LIMITER (CPL)
When active, Current Peak Limiter (CPL) is to regulate the power amplifier’s output current so that it does not exceed the safe current handling parameters of the power amplifier's components.

MAINTENANCE

Under normal use, the power amplifier should provide years of trouble-free service. The only maintenance required by the user is to clean the front air cooling vents and filters periodically. In some extreme cases, it may be necessary for authorized service personnel to clean the inside of the amplifier. These conditions usually occur after prolonged use, e.g. in environments using "cracked-oil" smoke machines. If you are using your power amplifier for heavy-duty use, i.e. concert touring or industrial music, it is recommended that you have your power amplifier serviced at every 12 months interval, purely as a preventative measure.

AIR COOLING VENTS & FILTERS CLEANING

Step 1: Check that your power amplifier is switched OFF. Clean the front air cooling vents using a vacuum

cleaner.

Step 2: Turn the “quick-release” screws in the counter-clockwise direction to unfasten.

Step 3: Remove both the air cooling vents from their respective slot.

Step 4: Remove the dust-filters. Clean them by soaking them in clean water mixed with mild soap and air dry.

Step 5: Put each of the cleaned dust-filter back to its respective slot. Reverse **Steps 3** and **2** to secure.

REPLACEMENT & MAINTENANCE OF LRU MODULE

Contact your GECKO® Authorized Reseller for LRU module replacement and maintenance service.

MAKING CONNECTIONS

The GECKO® GENESIS ELEGANCE C.R.I.S.T.A.L.® Audiophile Class-H power amplifiers are designed and conceived for audiophile-grade recording and mastering studios, live sound reinforcement, as well as for home audiophile applications. Refer to the following operating precautions and recommendations for the best results.

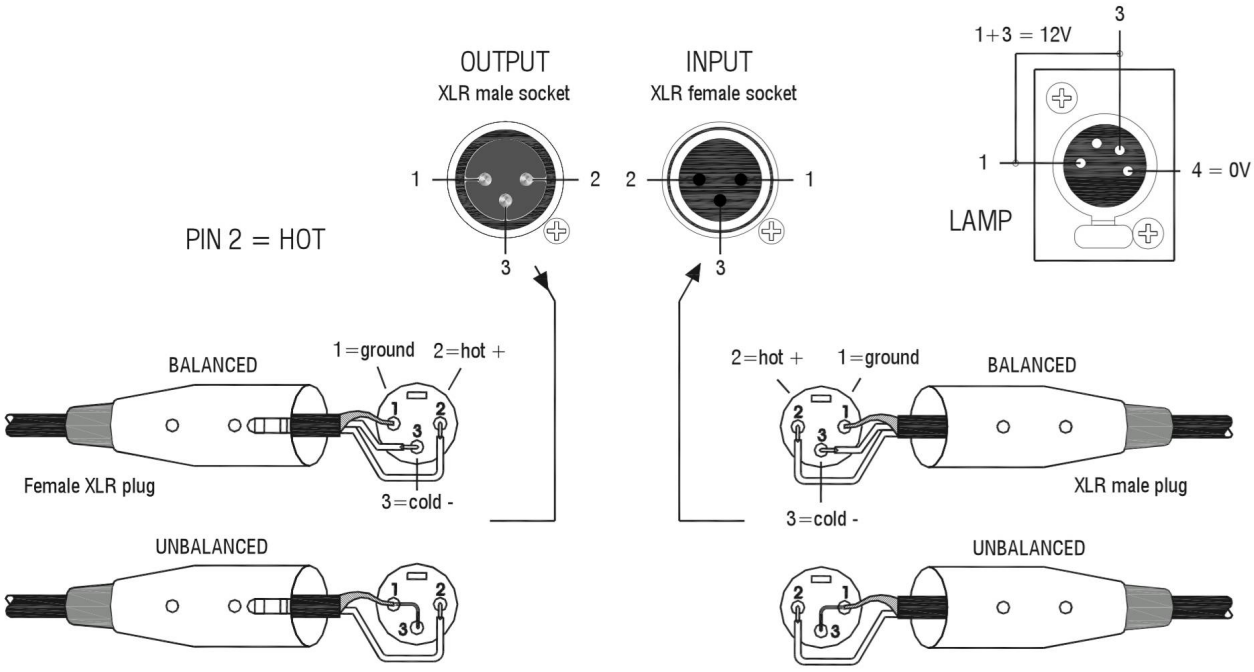
OPERATING PRECAUTIONS

1. Before connecting the power amplifier to loudspeakers and audio devices (i.e. mixing console, equalizers, dynamic processors) be sure that all devices are switched off. Also be sure that both of the power amplifier's CHANNEL A and CHANNEL B attenuators are set all the way down to “-inf”;

2. For purest sound quality, make connections using only premium quality audio cables (i.e. GECKO® TRUTH T2, GECKO® TRUTH T3AL) and connectors (i.e. GECKO® OLYMPIAN and GECKO® AUDIOPHILE connectors) according to your requirements;

3. To avoid causing damage to speakers, power up the devices in the following order: Peripheral devices → mixing console → power amplifiers (or powered speakers). When shutting the system down, turn off the power in the reverse order: Power amplifiers (or powered speakers) → mixing console → peripheral devices. Alternatively, you could set up the power-up and down sequence of your system using the GECKO® GALILEE CLASSIC PSC 8330 power sequencer for optimum protection.

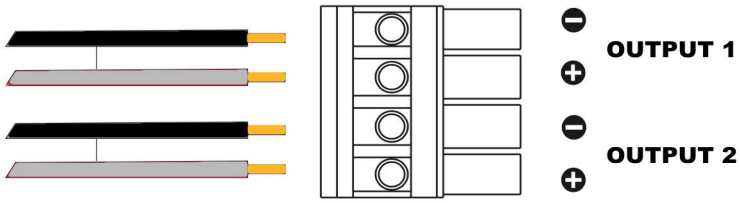
BALANCED/UNBALANCED XLR CONNECTIONS



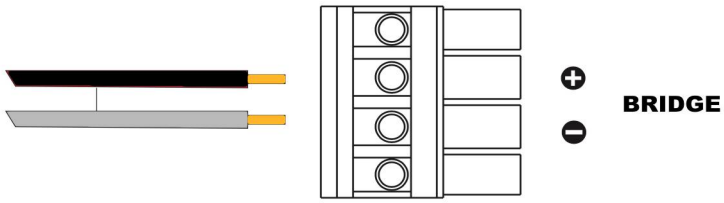
SPEAKER WIRING

Connect the “+” and “-” speaker cables as shown in the illustrations below.

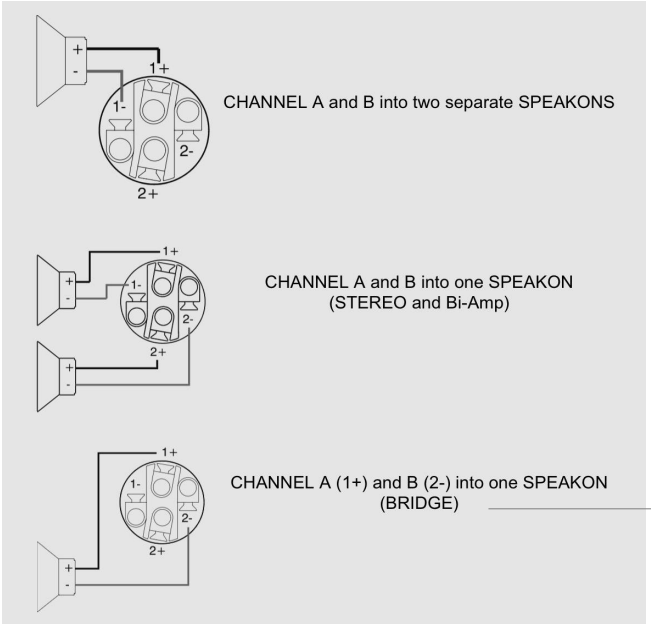
4-CONDUCTOR SCREW TERMINAL ADAPTOR WIRING SCHEMATIC



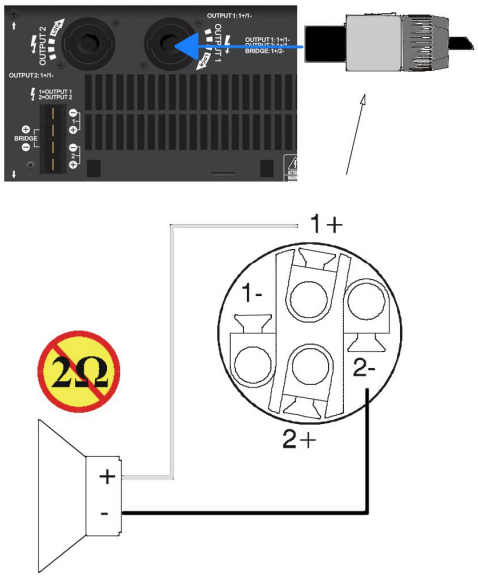
Use a screwdriver to connect speakers wiring to terminal



SPEAKON WIRING SCHEMATIC



Special note on BRIDGE mode



INSTALLATION AND MOUNTING

MOUNTING

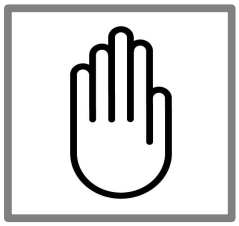
The GECKO® GENESIS ELEGANCE C.R.I.S.T.A.L.® Audiophile Class-H power amplifiers are 2U standard rack space units. All mountable in standard 19” rack. 4 front-panel mounting points and 4 rear-panel mounting points with M3 thread size are provided on each power amplifier. Rear mounting gives additional support, and the use of rear support is highly recommended in all mobile and touring sound systems.

COOLING

The power amplifier uses a forced-air cooling system with airflow from front to rear, maintaining a low operating temperature within defined limits. Front-to-rear airflow is preferred as cooler air is present at the front in nearly all applications (this allows higher continuous power levels without encountering thermal problems). Never attempt to reverse the airflow. The power amplifier modules require a pressure chamber between the fans and heatsink, and this effect functions only in one direction.

Make sure that there is an adequate air supply in front of the power amplifier, and that the rear of the power amplifier has sufficient space to allow the exhaust to escape. If the power amplifier is rack-mounted, do not use covers or doors on the front or rear of the rack when it is in operation.

Always make sure that the dust-filters behind the detachable front panel air cooling vents are clean to ensure maximum possible airflow.



NOTES: If the power amplifier malfunctions due to dirty dust-filters, any required repairs are not covered by the warranty.

OPERATING VOLTAGE

The label print above the mains cable on the rear of the power amplifier indicates the AC mains voltage for which the power amplifier is wired and approved: 110V or 240V. Connect the power cable only to the AC source type referred to on the print. The warranty will not cover damage caused by connecting to an incorrect type of AC mains.

Once a suitable AC supply is connected, the power amplifier can be turned on using the front panel power switch. The power amplifier then goes through a soft-start sequence as it self-checks its circuits. The fans will blow at high speed before dropping to idle, and the “PWR” LED will illuminate.

Inrush power is controlled and limited during “soft-start”, enabling multiple power amplifiers to be powered up simultaneously.

SPECIFICATION

Amplifiers:
GECKO® 16-Stage C.R.I.S.T.A.L.® Audiophile Class-H

Frequency Response:
10Hz ~ 35kHz, +/- 0.5dB

Rated Outputs:

GECKO® GENESIS ELEGANCE AGE 300H:
8Ω: 350W per Channel; 4Ω: 525W per Channel; 8Ω: 1050W (BRIDGE)
GECKO® GENESIS ELEGANCE AGE 600H:
8Ω: 600W per Channel; 4Ω: 850W per Channel; 8Ω: 1650W (BRIDGE)
GECKO® GENESIS ELEGANCE AGE 900H:
8Ω: 900W per Channel; 4Ω: 1300W per Channel; 8Ω: 2700W (BRIDGE)

System Performance:
Input Sensitivity (8Ω): 1V
Damping Factor (8Ω, 20Hz ~ 1kHz): 400
Slew Rate: 25V/μs (AGE 300H) / 30V/μs (AGE 600H) / 35V/μs (AGE 900H)
THD + N: <0.03% (AGE 300H) / <0.05% (AGE 600H) / <0.08% (AGE 900H)
Signal-to-Noise: >100dB
Crosstalk: >70dB @ 1kHz

Amplifier Protections:
Mid-Point DC Drift, Short Circuit, Open Circuit, Thermal, Overload, Clip Limiter, Soft Start, Ultrasonic and RF

Audio Connectors:
Input: XLR Female (2)
Link: XLR Male (2)
Output: 4-Pole SPEAKON (2), 4-Conductor Screw Terminal Socket

Power Supply:
Built-In Power Supply (choose either 110V or 240V, 50/60Hz model)

Physical Properties:
Enclosure: Steel Chassis/Line-Replaceable Unit (LRU) Module
Faceplate: One-Piece Aluminium Front Panel with Handles (2) and Detachable Cooling Vents (2)
Rack-Mount: Yes. Total 8 Mounting Points (M6 x 0.1mm)
Color: Metallic Grey/Silver
Hardware: 4-Conductor Screw Terminal Adaptor (1), Non-Slip Rubber Feet (4) or Mini Phillips-Head Screwdriver (1)
Net Weight: 16.5kg (AGE 300H) / 18.5kg (AGE 600H) / 19kg (AGE 900H)
Dimension: (H) 90mm x (W) 483mm x (D) 462mm

Specifications subject to change without prior notice. Manufactured under ISO9000 certified management system.

WARRANTY

GECKO MUSIC GROUP warrants its GECKO® products for a period of one (1) year from the original date of purchase, in accordance to the warranty regulations described below.

What is Covered:
During the applicable warranty period, GECKO MUSIC GROUP warrants the product against defects in materials and workmanship and against malfunctions. GECKO MUSIC GROUP will remedy all such defects and malfunctions without charge for parts or labour if the warranty applies. In the case that other parts are used which constitutes an improvement, GECKO MUSIC GROUP may, at its discretion, charge the customer for the additional cost of these parts. Final determination of warranty coverage lies solely with GECKO MUSIC GROUP.

What is Not Covered:

1. If the product needs to be modified or adapted in order to comply with applicable technical or safety standards on a national or local level, in any country which is not the country where the product was originally developed and manufactured, this modification/adaptation shall not be considered a defect in material or workmanship;

2. Normal wear and tear, in particular, of faders, crossfaders, potentiometers, keys/buttons, valves, guitar/bass strings, machine heads, pick-up covers, PVC/PU/leather covers, illuminants, and similar parts are not covered by this warranty;

3. Improper handling, neglect or failure to operate the unit in compliance with the instructions given in the user or service manuals;

4. Connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used;

5. Damages/defects caused by force of nature or any other condition that is beyond the control of GECKO MUSIC GROUP;

6. Any repair or opening of the unit carried out by unauthorized personnel (user included) will void the warranty;

7. Modification or removal of serial numbers.

Obtaining Warranty Service:

To return a GECKO® product for warranty service, first fill out the Online Technical Report on this website and submit for an authorization/service number. Write the authorization/service number so that it is prominently displayed on the outside of the shipping carton. Any products received without an authorization/service number that is clearly visible upon arrival at the factory will be refused. Enclose proof of the original delivery date or a copy of the original sales receipt/invoice. Enclose a description of the suspected defect or malfunction and the condition, if any, which caused the problem. Return the product to either GECKO MUSIC GROUP or the GECKO® Store where the purchase was made. Note: Before sending back to GECKO MUSIC GROUP, you can first check with your local GECKO® Store or authorized reseller where you buy from for support.

Warranty Shipping:

You are responsible for prepaying shipping costs F.O.B. GECKO MUSIC GROUP, Singapore. Shipped product(s) must be properly packaged. Use original shipping cartons and packing materials where possible. GECKO MUSIC GROUP is not responsible for damages resulting from inadequate and or improper packing.

Products received with damages due to improper packaging will be deemed out of warranty.

Products which do not meet the terms of this warranty will be repaired exclusively at the buyer's expense. GECKO MUSIC GROUP will inform the buyer of such circumstance. If the buyer fails to submit a written repair order within six (6) weeks after notification, GECKO MUSIC GROUP will return the unit C.O.D. with a separate invoice for freight and packing. Such costs will also be invoiced separately when the buyer has sent in a written repair order.

Warranty Rights:

This warranty is exclusive and extended to the original buyer and is not transferable to anyone who may subsequently purchase this product. No other person (apart from authorized GECKO® Stores) shall be entitled to give any warranty promise on behalf of GECKO MUSIC GROUP.