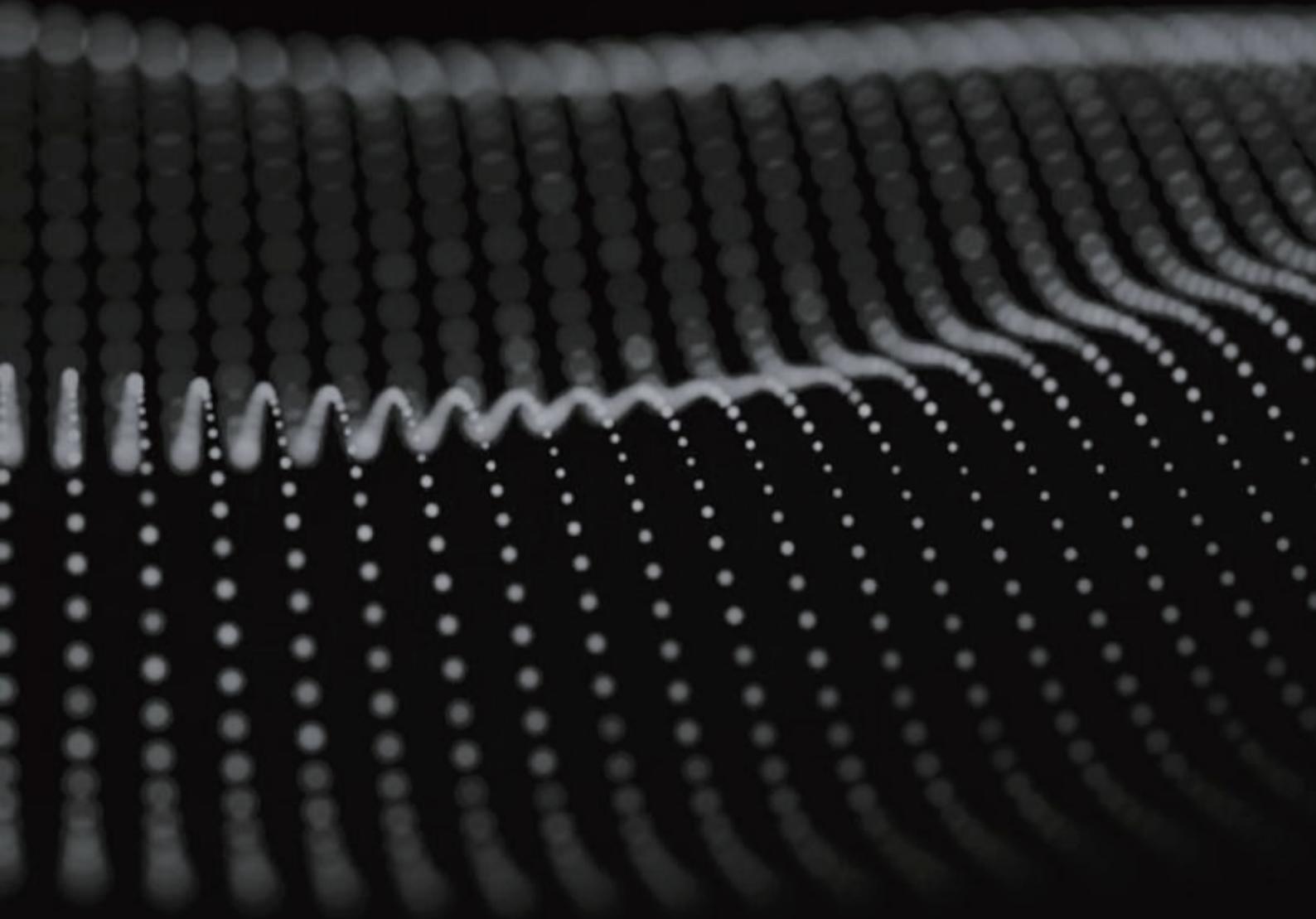


# DENAFRIPS

## HESTIA 15TH PREAMP

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### OWNER'S MANUAL



# INSTALLATION & SAFETY INSTRUCTIONS

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# INSTALLATION & SAFETY INSTRUCTIONS

This PREAMP is designed and built to provide trouble-free performance, but as with all electronic devices it is necessary to observe a few precautions:

1. Unpack the PREAMP carefully.
2. Position the PREAMP on a stable, horizontal surface, i.e. sturdy rack.
3. The PREAMP supports voltage 115–230VAC worldwide voltage. Please connect the AC power cord with earth(ground) pin unless it is absolutely required to reduce hum from the ground loops of the connected devices.
4. Always ensure that when disconnecting and reconnecting your audio equipment the mains supply is turned off.
5. Position the power cord and signal interconnects where they are not likely cause trip and fall hazard.
6. Do not use the PREAMP near water, or place water-filled containers on the PREAMP. Entry of liquid into the PREAMP is hazardous and may cause electric shock and/or fire hazard.
7. Do not place the unit under direct sunlight or heat source.
8. Do not remove any covers or try to gain access to the inside. There are no user adjustments or fuses to change without qualification.

# INSTALLATION & SAFETY INSTRUCTIONS

9. Clean regularly with a damp soft cloth. Do not use any cleaning agents as it might damage the surface finishing.
10. The electronics in modern hi-fi equipment is complex and may, therefore, be adversely affected or damaged by lightning. For protection of the audio system during electrical storms, disconnect the mains plugs,

# INTRODUCTION

Thank you for purchasing the DENAFRIPS HESTIA PREAMP.

The HESTIA PREAMP is our entry, True Balanced, Class-A biased preamplifier making its debut as the high value linestage.

Equipped with the advanced microprocessor CPLD discrete relay based 60 steps volume control, coupled with current drive Darlington arrays network and the precision matched Resistors, yielded perfect channel balance, low distortion, and low noise.

The full discrete Class A output stage not only does it sounds full body, it reproduces transparent and spacially sounding, literally the best of both worlds.



# OPERATING INSTRUCTION

## 3.1 Quick Start Guide

### Package Contents

1. HESTIA PREAMP
2. Remote Control – CR2032 battery is required

### Connection

1. Power: Use a proper AC power cord, connect it to the PREAMP power socket.
2. Inputs: The PREAMP comes with 3 switchable inputs (XLR1/XLR2/RCA)
3. Output: All outputs (XLR/RCA) are active simultaneously. Connect the output to the power amplifier

### WARNING

1. Please power off all equipment prior connection/disconnection of cables.

# OPERATING INSTRUCTION

## 3.2 Front Panel



Figure 1. Front Panel

### (1) Standby Button

Press the knob/button once to switch on the PREAMP, vice versa, press and hold the button(for 3–5s) to put the PREAMP into standby mode. The DISPLAY (3) shall be on when the PREAMP is in operating mode. The PREAMP takes about 3–5 seconds to start-up.

### (2) Inputs Selection

Turn the knob/button clockwise/counter-clockwise to select the desired input IN1/IN2/IN3,correspond to XLR1/XLR2/RCA

### (3) Display

The LED display the current selected Input and Volume from 0–60

# OPERATING INSTRUCTION

## 3.2 Front Panel



Figure 1. Front Panel

### (4) Volume Control

Volume Control from 0(min,  $-\infty$  – 70dB) to 60(max, 0dB). Each step is about 1–1.5dB. The HESTIA is a unity gain PREAMP with relays switching. There will be ‘click’ sound from the PREAMP as the relays switch on/off during volume adjustment.

# OPERATING INSTRUCTION

## 3.3 Rear Panel



Figure 2. Read Panel

### Description:

#### (1) AC Power Supply

CAUTION! HADES supports worldwide AC mains, range from 115–230VAC. Please use a good quality power cord with earth/ground pin connected

#### (2) Analog Inputs

Connect the input sources cable to the desire input XLR1/XLR2/RCA. XLR4 is recommended for user with one source, i.e. DENAFRIPS DAC. The HESTIA is a true balanced PREAMP with XLR (Pin 2 Hot, Pin 3 Cold, Pin 1 Gnd).

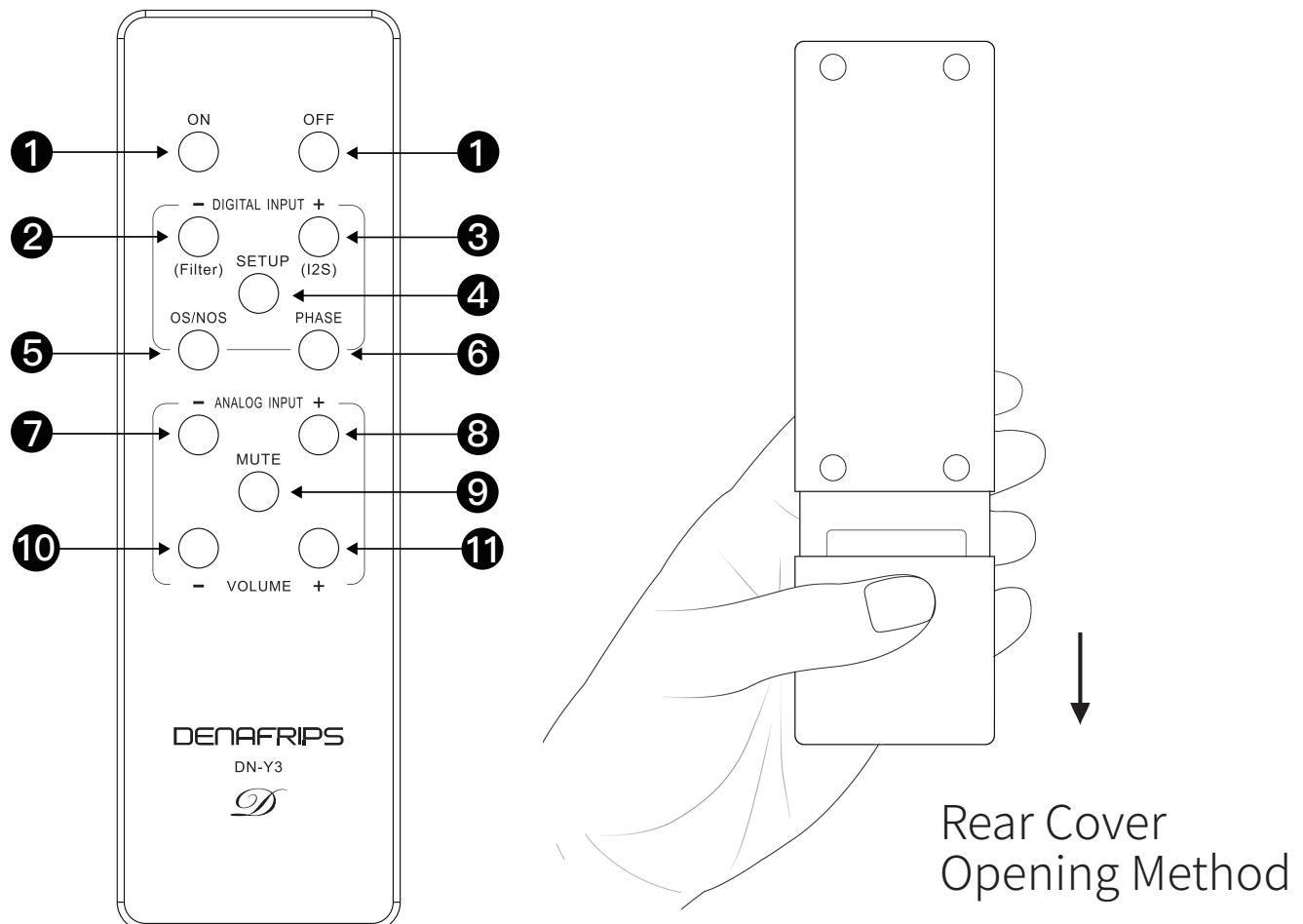
#### (3) Analog Outputs

All outputs are active at the same time. Connect desire output to the power amplifier. When use with single-ended input source, the XLR outputs are active.

Note: For the best fit and to avoid any risk of damaging the RCA socket, we recommend using RCA cables with an inner pin diameter not exceeding 3.2 mm

# OPERATING INSTRUCTION

## 3.4 Remote Control



- ①. ON/OFF Button: Turns the device on or off.
- ②. INPUT- Button: Selects or switches to the previous input source. When in setup mode, press this button (along with the INPUT+ button) to toggle settings left/right.
- ③. INPUT+ Button: Selects or switches to the next input source. When in setup mode, press this button (along with the INPUT- button) to toggle settings left/right.

# OPERATING INSTRUCTION

- ④. SETUP Button: Press once to enter setup mode.  
If the device is already in setup mode, a short press will exit setup mode.
- ⑤. OS/NOS Button: Switches between OverSampling (OS) and Non-OverSampling (NOS) modes.
- ⑥. PHASE Button: Press to directly switch the phase on the panel.
- ⑦. ANALOG INPUT- Button: Selects the analog input source.
- ⑧. ANALOG INPUT+ Button: Selects the analog input source.
- ⑨. MUTE Button: Instantly mutes the audio (press again to restore volume).
- ⑩. VOLUME- Button: Decreases the music volume.
- ⑪. VOLUME+ Button: Increases the music volume.

## Note:

- 1. The remote control is an optional accessory.  
If you use the remote control, a CR2032 button battery is required.
- 2. Due to logistics restrictions, detachable batteries of this type are prohibited from being included in shipments. Therefore, the remote control will be delivered without a battery. Please prepare a 3V CR2032 button battery by yourself.
- 3. Except for the ON/OFF buttons, buttons ②-⑥ can control DENAFRIPS DAC devices, while buttons ⑦-⑪ can control DENAFRIPS preamplifier devices.

# SPECIFICATIONS

Description	Parameters
Highlight	<ol style="list-style-type: none"> <li>1. PPure Class-A, True Balanced, Fully Discrete Line Stage</li> <li>2. 60 Steps Microprocessor Controlled Relay Based Stepped Attenuator</li> <li>3. Precision Matched Resistors &amp; Components with Perfect Channel Balance And Low Distortion</li> <li>4. Remote Controlled</li> </ol>
Input	IN1-XLR    IN2 –XLR IN3-RCA
Input Impedance	Single-Ended 12.2K Ohms Balanced – 60K Ohms
Output	RCA at 2.0Vrms   XLR at 4.0Vrms
Output Impedance	Single-Ended 200 Ohms Balanced – 400 Ohms

# SPECIFICATIONS

Description	Parameters
AC Power Requirement	115–230VAC, 50/60Hz (Worldwide Voltage)
Power Consumption	1W(Idl)e),20W(Operational)
Frequency Response	10–80k (0.3dB)
THD+N	0.00023%
Gain	Unity Gain, 0dB
Product Dimensions	322W*348D*74H mm (including feet)
Packaging Dimensions	512*465*168 mm
Net Weight	6.35 kg
Gross Weight	9 kg

# After sales Service

1. Thank you very much for choosing DENAFRIPS products. This product comes with a one-year free warranty. During the warranty period, if the product malfunctions due to non-human factors, we will provide free repair or replacement services. Please provide the serial number on the warranty card when contacting customer support.

1. Within Warranty Period: Within one year from the date of purchase, under normal use and non-human damage, if there are any product quality or functional issues.

Learn More: <https://www.denafrips.com/blank-6>

DENAFRIPS provides free repair or replacement of parts and covers the round-trip shipping costs.

2. Within the Warranty Period: Within one year from the date of purchase, if any product quality or functional issues occur due to human-caused damage.

The specific charges will be determined based on the actual fault and the cost of replacing parts. Please contact our after-sales service center for a detailed repair quote. The customer is responsible for the round-trip shipping costs.

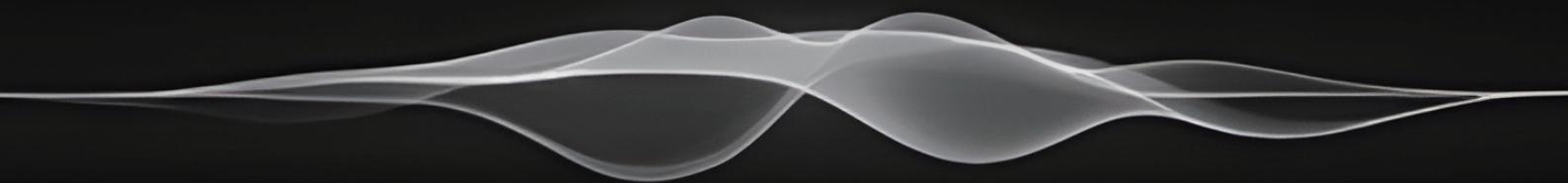
3. After the Warranty Period: Paid repair service will be available after the warranty period expires. We will continue to provide repair services for a fee.

Specific charges will be determined based on the actual fault condition and the cost of replacement parts. Please contact our after-sales service center for a detailed repair quote. The customer is responsible for the round-trip shipping costs.

# After sales Service

2. The product will not be eligible for free warranty service under any of the following conditions:
  - a. The product has exceeded the specified warranty period from the date of purchase.
  - b. The product does not match the model, barcode, or purchase date listed on the warranty card.
  - c. Unauthorized modification or repair of circuits or components by anyone other than DENAFRIPS technicians.
  - d. Damage caused by human factors (such as dropping, impact, water exposure, fire, etc.).
  - e. Damage caused by irresistible natural forces (such as earthquakes, floods, lightning strikes, etc.).
  - f. Damage caused by exceeding the allowed operating environment.
  - g. Damage caused by improper use or storage (including but not limited to: circuit or component burnout due to excessive voltage; damage to the casing or internal components due to impact; damage caused by excessive dust; product oxidation or corrosion, etc.).
3. This warranty policy applies only to customers who purchase products from the official website. For products purchased from distributors, the warranty terms will be governed by the warranty policy established by the seller.

# DENAFRIPS



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