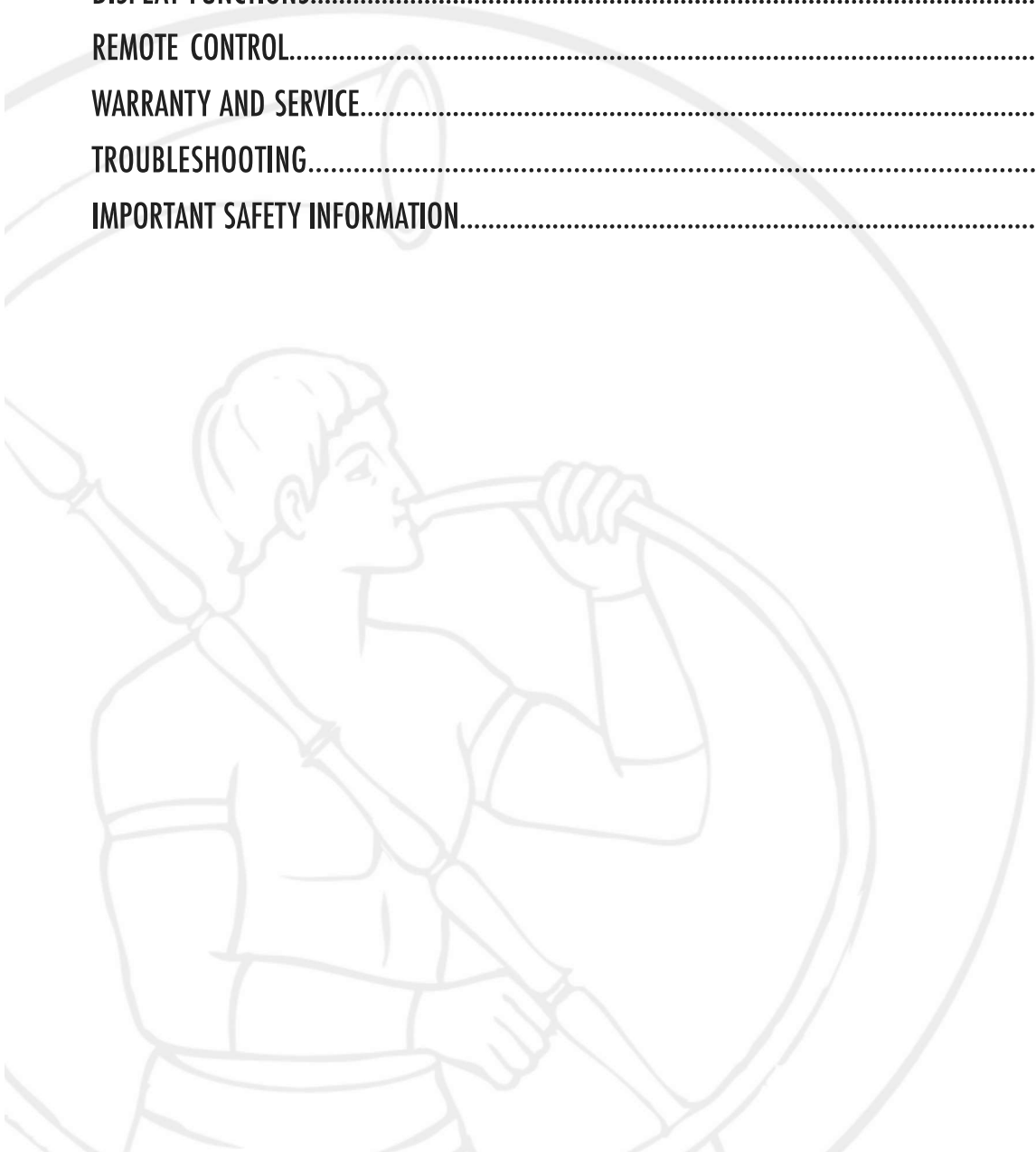


P-1000 MkII

HIGH END STEREO PREAMPLIFIER

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PACKAGE CONTENT

- P-1000 MkII
- 1 AC cable
- Remote control + batteries
- User manual

INTRODUCTION AND FEATURES

Designed for high demanding audio systems P-1000 MkII is the new complete High-End audio Preamplifier for real music lovers, an innovative Class-A preamplifier born from a new proprietary Six Gain Stage project developed in our labs and with a Relays & Optical Encoder volume control.

Completing the 1000 MkII line of electronics, P-1000 MkII is powered by a Triple Linear Transformer PSU and features eight independent analogue stereo inputs: four fully balanced XLR and four RCA, optionally it can even feature a digital input.

P-1000 MkII belongs to a new era of electronics where performance is combined with technology to offer the best possible musical experience and to be easily controlled: with its color display, P-1000 MkII is as easy as it gets: all the settings can be selected from the main screen without annoying sub-menus for quick and precise fine adjustments, and the unit can be updated via computer through the USB port.

The sophisticated volume control matched with the exclusive Six Single Gain stages and Gold Note Ultra-Balanced technology is crucial to achieve incredible low distortion and extended linear bandwidth for true superior musicality.

To perfectly reproduce old recordings, the preamp can be set to Mono/Stereo, it also allows the Left/Right channel swap to enable the reproduction of inverted recordings and can swap the absolute phase $0^{\circ}/180^{\circ}$. The Over-Boost function has been developed to drive speakers that require robust power to achieve enough energy in the lower range of frequencies.

As all Gold Note electronics, P-1000 MkII can be enhanced with external dedicated units, like the tube output stages TUBE1006/1012 and the power supply units PSU1000 for ultimate performances.

MODERN HIGH-END AUDIO PREAMPLIFIER

P-1000 MkII is a fully balanced Class-A preamplifier with virtually zero distortion and Relays/Optical Volume control.

8 INDEPENDENT INPUTS

P-1000 MkII features 8 independent stereo inputs: 4 balanced XLR and 4 RCA, plus an additional digital input available on demand.

ULTRA-BALANCED SIX GAIN STAGES DESIGN

The exclusive Six Single Gain stage combined with our Ultra-Balanced technology allows low distortion and incredible linear bandwidth extension for superior musicality.

FINE CONTROL AND FUNCTIONS

P-1000 MkII stores in memory settings and volume levels for every single audio input to allow a better experience and quick adjustments. It also features a large amount of functions, like: Mono/Stereo, Left/Right channel swap, Absolute Phase Swap, Over-boost, fine Balance tuning.

SPECIFICATION AND CONNECTIVITY

Frequency response: 2Hz-200kHz @ ± 3 dB
THD – Total Harmonic Distortion: <0.001% @ 1kHz
Gain: 19dB
Signal to Noise ratio: -120dB
Channel Separation: >118dB
Volume: 100 steps
Stereo/Mono: Selectable
Absolute Phase: 0°/180° selectable
Output impedance: <50 Ω
Channel Left/Right Swap: Selectable swap
Booster: 3 adjustable levels (by-passable/off)

POWER SUPPLY

Ultra Linear 3 transformers
100-120V / 220-240V, 50-60Hz
Power Consumption: 30W max
1 Input for external inductive power supply PSU-1250/1000
Fuse 220/240V 1A F/T
Fuse 100/120V 2A F/T

AUDIO OUTPUTS

2 Stereo RCA unbalanced
2 Stereo XLR balanced
1 dedicated to TUBE-1012/1006
Output Level: Max up to 20Vrms on XLR & 10Vrms on RCA

AUDIO INPUT

Analogue Input: 4 stereo XLR balanced, 4 Stereo RCA
Digital Input (optional): TOS or Coax PCM 24/192kHz
Input Level:
Typical 2Vrms – Max up to 5Vrms on RCA
Typical 2Vrms – Max up to 10Vrms on XLR
Input Impedance: 100k Ω XLR and RCA

DIMENSIONS AND WEIGHT

Dimensions: 430 W x 135 H x 375 D mm
Weight: Kg. 11 net - Kg. 16 boxed

FINISHES

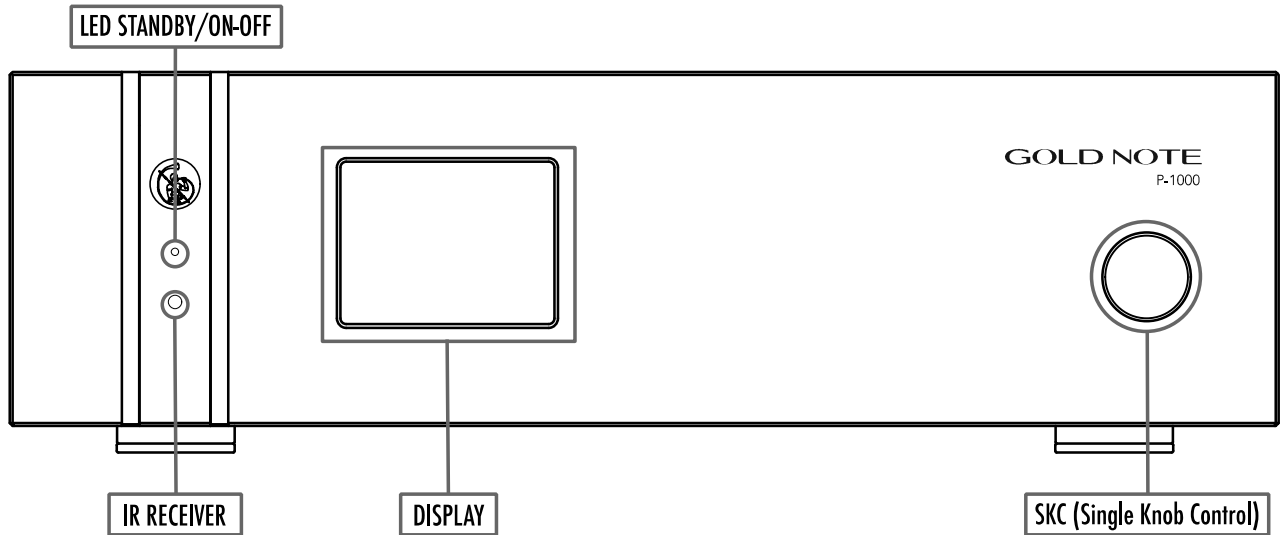
Brushed Aluminium Black, Silver or Gold

UPGRADES

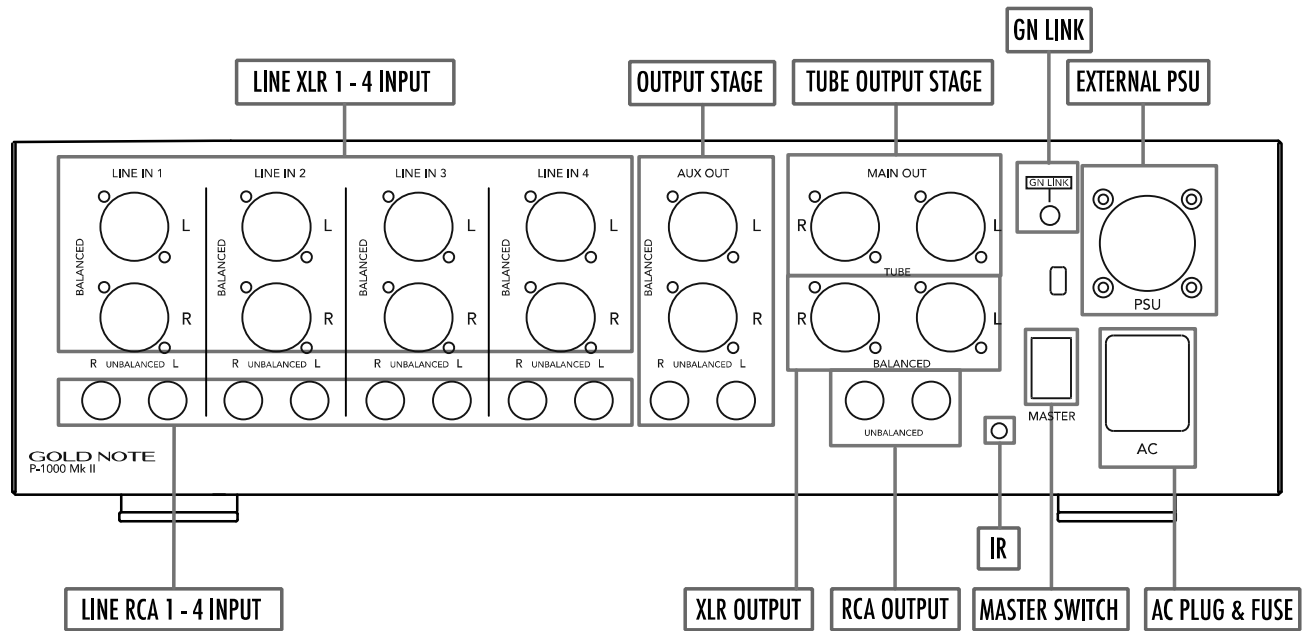
TUBE-1012/1006: Class-A 6/12 Tubes output stages with Dual Mono/inductive tube power supply.
PSU-1250/1000: external inductive Dual-Mono power supply
External AC filter: Gold Note Arno AC distributor.
Other: Gold Note Lucca power chord.

FRONT AND REAR PANEL

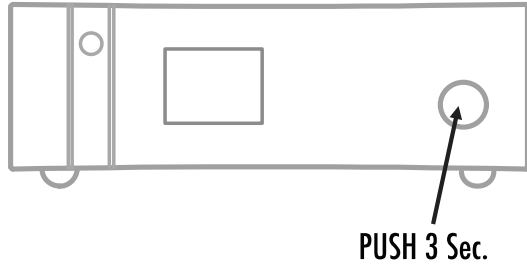
FRONT PANEL



REAR PANEL

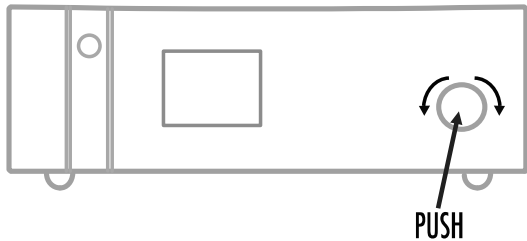


P-1000 MkII CONTROL KNOB



TURNING P-1000 MkII On/Off:

to turn on/off the device, press and hold the knob for 3 seconds.



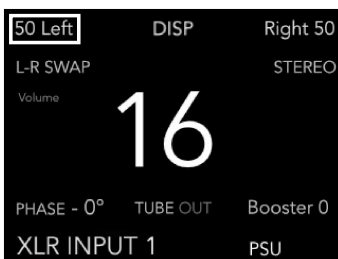
CONTROLLING P-1000 MkII

STEP 1 - adjusting the volume:

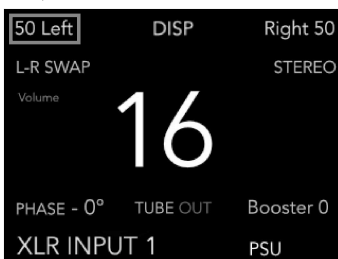
The volume level can be easily and quickly adjusted through the knob: turn it clockwise to increase the volume and counterclockwise to decrease it.

If the selection frame is active (visible in white or red), wait 3 seconds until it disappear, once the selection frame is disappeared, then simply turn the knob clockwise or counterclockwise to adjust the volume.

SELECTION FRAME



ACTIVE SELECTION FRAME



STEP 2 - select a function:

To select a function, turn the knob clockwise or counterclockwise until the desired function is highlighted in white by the white frame. (see fig. 1).

STEP 3 - modify a function:

To modify a function, press the knob once and the active selection will become highlighted in red (see fig. 2)

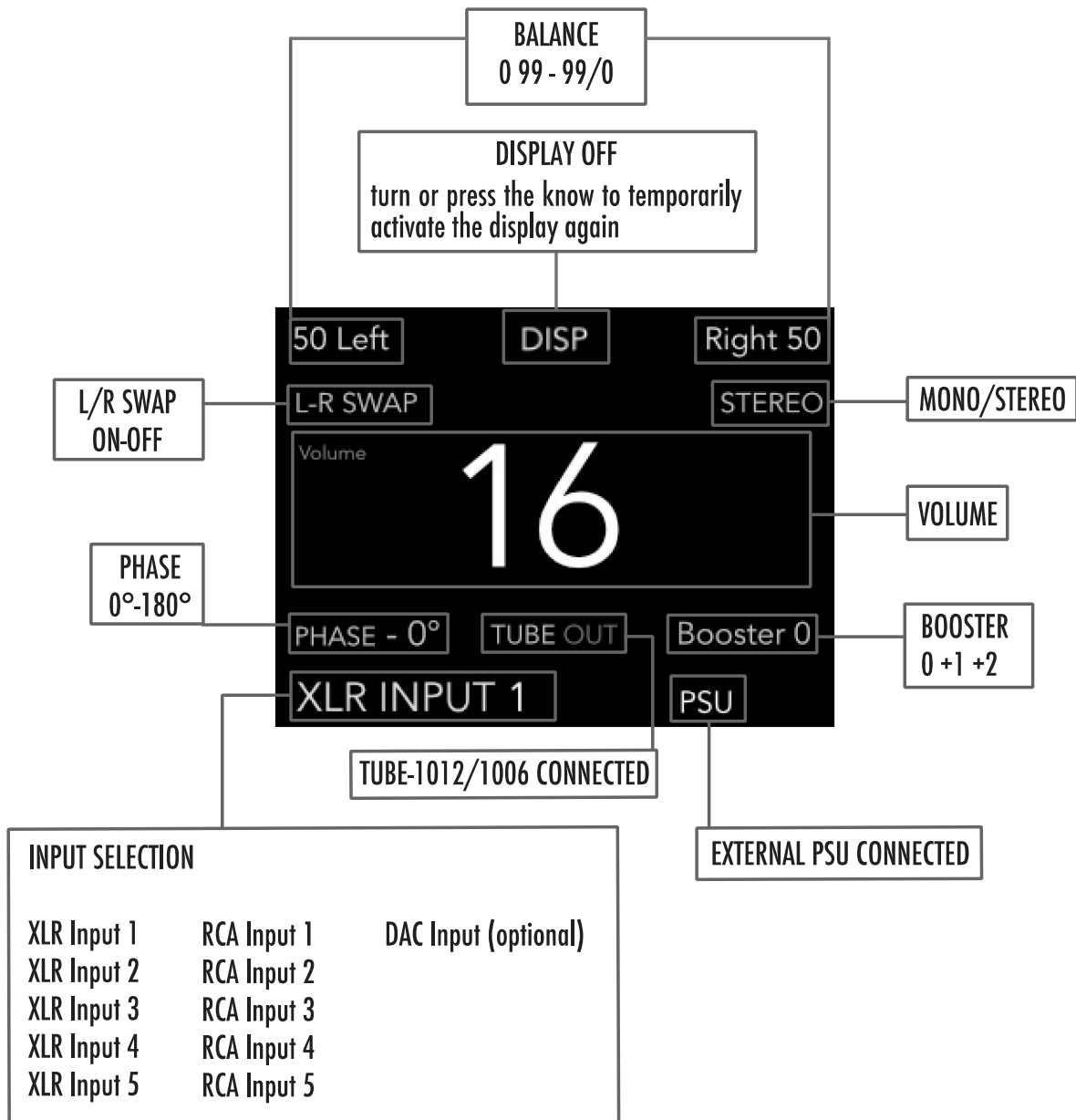
To set a value, turn the knob clockwise or counterclockwise until the desired value is selected and press again the knob to confirm it.

Now the value has been saved and you can proceed to select another function or get back to the volume selection.

NOTICE:

Every change will affect the device and the sound system only after the choice is applied (that happens after the second push on the knob as the highlight frame turns white).

DISPLAY FUNCTIONS



BOOSTER - OFF/1/2

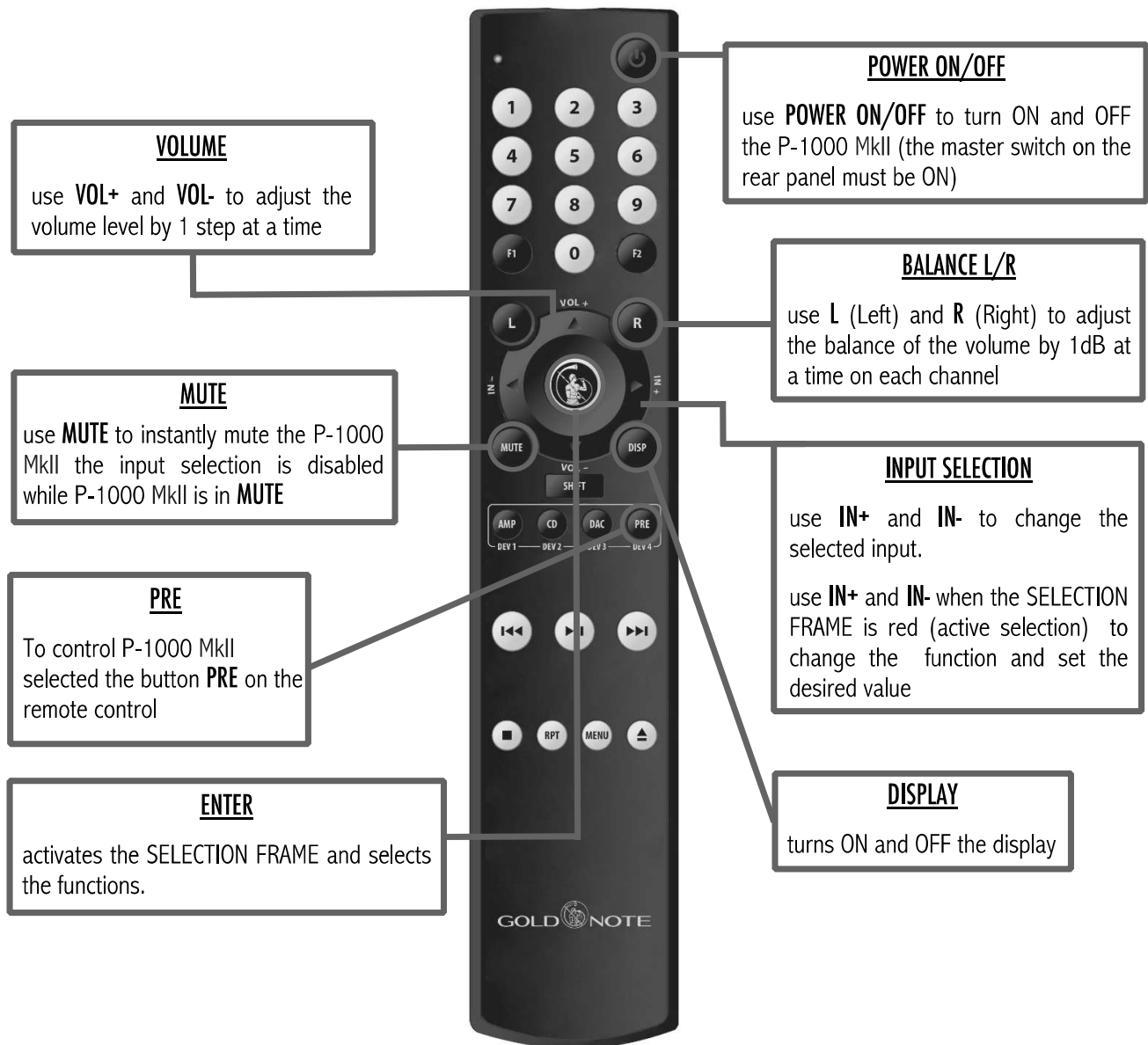
The Booster is a feature designed to reproduce the lower range of frequencies with power and control. It works as a custom equalisation, increasing the gain around 50Hz to provide a richer and more full-bodied sound. The 50Hz frequency has been chosen since lower frequencies are more difficult to obtain with small speakers.

The Booster provides a richer and more full-bodied sound, for better realism and dynamic. It's particularly useful in case of speakers that require more energy in the bass frequencies, for night-time listening at lower volumes, or even to achieve a more realistic headroom. The Booster is completely by-passed when set to OFF, applied to 50% when set to 1, applied to 100% when set to 2.

REMOTE CONTROL

GN REMOTE CONTROL

P-1000 MkII can be controlled completely using only the GN remote, please ensure the PRE mode is selected on the remote pressing PRE on the dedicated DEVICE SELECTION button.



WARRANTY AND SERVICE

WARRANTY

To validate the warranty is necessary to register the unit on the Gold Note internet web site within 15 days from the purchase on the appropriate area of the web site: www.goldnote.it/warranty

If the unit is not registered correctly or has been purchased from a different country of the purchaser home address the unit will not be covered by any warranty and the registration will be refused.

The warranty does not cover in any case: Tubes, Phono Cartridge Stylus and Batteries.

SERVICE

Every GOLD NOTE® product is the result of meticulous technological research, and consequently their correct functioning is guaranteed. In spite of this it is possible that problems may emerge which non-specialist users cannot resolve.

In this case, contact your dealer to be advised on how the fault can be solved.

Do not return any object directly to the factory or to the distributor without being authorised to do so.

In such cases both GOLD NOTE® and the distribution agents decline responsibility of any kind.

For more information please visit www.goldnote.it/service

PLEASE NOTE

Descriptions and technical characteristics may vary at any time and without notice.

TROUBLESHOOTING

FAQ

| ACTION | DESCRIPTION | HOW TO ADJUST IT |
|-------------------|---|---|
| CLEANING THE UNIT | The Unit is dirty and needs to be cleaned | <ul style="list-style-type: none"> • With EXTREME care use ONLY diluted alcohol and a very soft 100% cotton cloth to sweep dust and stains out. • Any acid or not extremely soft cloth will irreversibly damage the amplifier fine aesthetic. • Do not use any alcohol to clean the anodized label or the printed parts. |

TROUBLESHOOTING

| SYMPTOM | DESCRIPTION | CAUSE | REMEDY |
|--|--|--|--|
| SPEAKER HUMMING PROBLEMS | The speakers hum when the amplifier is connected to the system | The unit is correctly coupled with the Ground on DC. | Ensure the system is well grounded and check the ground Pin on the power chord plug. |
| | | The interconnect input and/or output cables are not shielded. | Be sure to always use shielded cables for the amp connections. |
| SWITCHING ON/OFF BUMP | The unit bumps any time is switched ON or OFF | It is important to notice that it does not produce any risk even if the bump is high | Turn Off the amplifier as first but turn it on as last of the audio system unit |
| THE UNIT DOES NOT WORK WHEN THE STAGE IS SWITCHED ON | | The AC Stage plug is disconnected from the AC wall plug | Connect it being sure that the AC wall plug works |
| | | The interconnect cables are not properly connected to the amp. | Connect them properly |
| | | One of the fuses is blown | Substitute the fuse with one of the same value |

For spare parts visit the official Gold Note store at:

www.akamaiaudio.it

IMPORTANT SAFETY INFORMATION



CAUTION!

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER ONLY TO QUALIFIED GOLD NOTE SERVICE PERSONNEL FOR SERVICE



WARNING!

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

Do not disassemble any part of the product.

Do not use any part of the product for other purposes.

For service and problems of any kind, contact qualified Gold Note personnel.

Protect the product from rain, humidity and keep away from heat sources, electric and electronic motors etc.

The power Chord supplied must be used only on this unit.

Gold Note does not have responsibility for any improper use of this unit.

This appliance has a serial number located on the rear panel.

Please record the model and serial number and retain them for your records.

Serial Number: _____

Model: _____

IMPORTANT SAFETY INFORMATION

1. Read these instructions and store them.
2. Heed all warnings.
3. Follow the instructions.
4. Do not use this apparatus near water.
5. Clean only with a dry cloth.
6. Do not block the ventilation openings and install in accordance with the manufacturer's instructions.
7. Do not install near heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarised or grounding-type plug: a polarised 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 third prong are provided for your safety.

If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.

11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.

When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. Refer all servicing to qualified service personnel only. Servicing is required when the apparatus has been damaged in any way (such as when the power cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture) and in any case when the apparatus does not operate normally or has been dropped.



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