



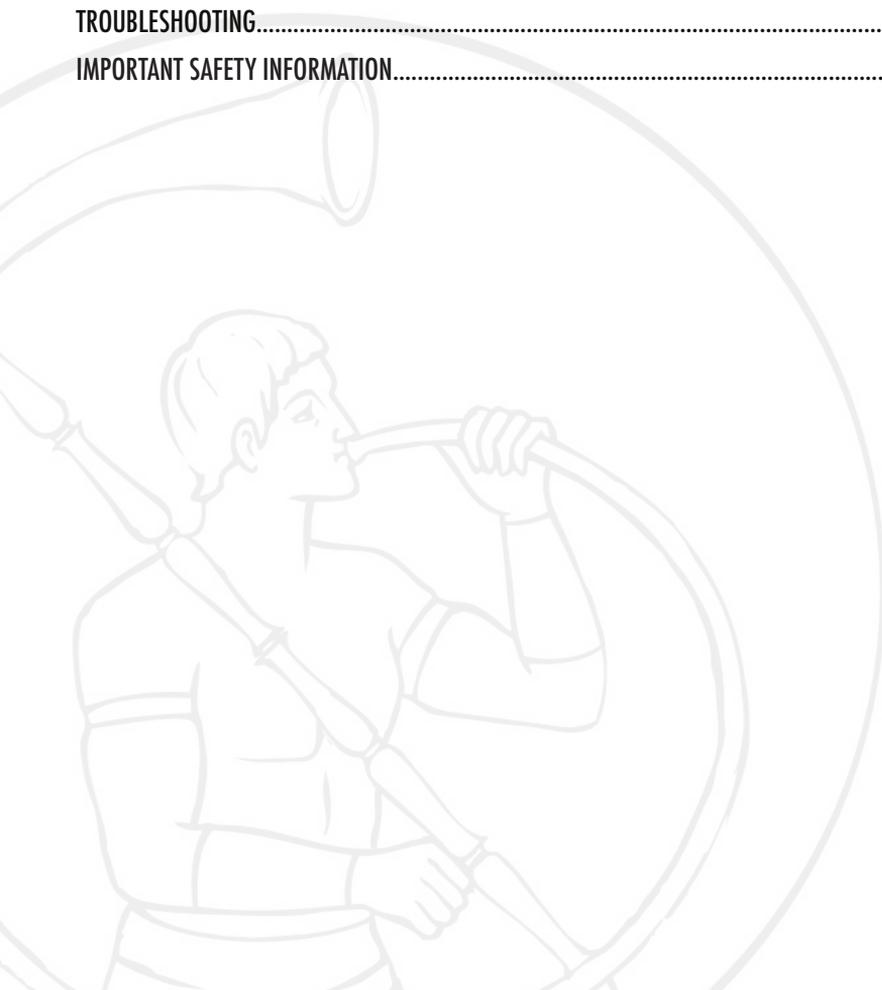
# TUBE-1012<sub>/1006</sub>

VALVES TUBE OUTPUT STAGE



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## PACKAGE CONTENT

- GOLD NOTE TUBE-1012/1006
- 1x AC power cord
- 1x GN TUBE connection cable (1.5 m)
- User manual

# TECHNICAL SPECIFICATIONS

Max Input Level: ( THD <1% ) 12 Vrms on XLR, 6 Vrms on RCA

Max Output Level: ( THD <1% ) 16 V on XLR, 8 V on RCA

THD+N 0.0028% @ 1kHz - 1.736V

S/N >100dB @ 1kHz - 1.736V

Recommended load: >10K $\Omega$

Output Impedance: <600 $\Omega$

Gain: 2dB

## DIMENSIONS AND WEIGHT

Dimensions: 430 W x 135 H x 370 D mm

Weight: TUBE-1012 16Kg net. - 21Kg boxed

Weight: TUBE-1006 13,3 Kg net. - 19 Kg boxed

## INPUTS TUBE

1x XLR Line In

1x RCA Line In

1x Tube In (5-pole XLR for Gold Note sources only)

## POWER

100-120V or 220-240V, 50/60Hz

Power consumption: TUBE-1012 80W

Power consumption: TUBE-1006 50W

TUBE-1006: 2x Gold Note custom made transformer

TUBE-1012: 3x Gold Note custom made transformer Super

Linear Vacuum Tube Regulator with 4 Inductive Choke filters

Fuse 220/240V 2A F/T

Fuse 100/120V 3,15A F/T

INPUT	OUTPUT	INPUT VALUE	OUTPUT VALUE
XLR 3P / TUBE GN	XLR 3P / TUBE GN	1V	1.25V
XLR 3P / TUBE GN	RCA	1V	0.625V
RCA	RCA	1V	1.25V
RCA	XLR 3P / TUBE GN	1V	2.5V

# VALVES AND JUMPER

A large variety of valves can be installed on both the TUBE-1012 and TUBE-1006, allowing for greater versatility.

You can refer to the table below to check the jumper layout for the compatible model of valves.

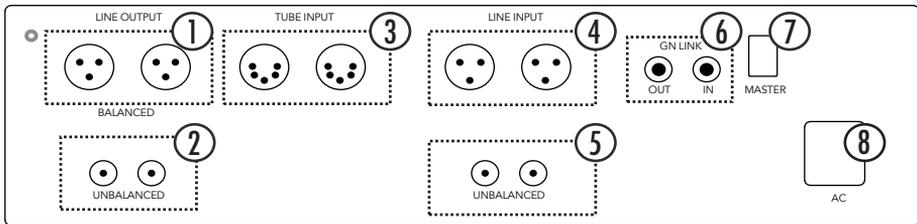
Please refer to your dealer to install the valves into your TUBE Output Stage to avoid a breach of warranty.

	TYPE OF VALVE	JUMPER
PCB 8030-B	E88CC 6N6P 6N1 6922 6H30P 6H6N	W1 pin 1,2 W2 pin 1,2 W3 pin 1,2 W4 pin 1,2
	E83CC E82CC E81CC 12AX7 12AU7 12AT7	W1 pin 2,3 W2 pin 2,3 W3 pin 2,3 W4 pin 2,3
	6N2P	W1 pin 1,2 W2 pin 1,2
PCB 8003-B	6N6P 6H30P 6H6N 6N1P	J3 pin 2,3 J4 pin 1,2 J5 pin 2,3 J6 pin 1,2
	E82CC 12AU7	J3 pin 1,2 J4 pin 2,3 J5 pin 1,2 J6 pin 2,3

# FRONT AND REAR PANELS



1. Power LED (blue or green depending on input selection)
2. Power ON/OFF
3. IN (input selection)



## LINE OUTPUTS

1. XLR balanced audio output
2. RCA unbalanced audio output

## TUBE INPUT

3. GN TUBE input (5 pole connector for Gold Note units)

## LINE INPUTS

4. XLR balanced audio input
5. RCA unbalanced audio input

## GN LINK

6. OUT / IN to synchronise the unit with other Gold Note units in MASTER/SLAVE mode

## POWER

7. Master Switch

## AC POWER PLUG

8. AC Power plug with IEC fuse (2A)

## USING TUBE-1012 AND TUBE-1006

With 6 or 12 tubes, our Valve Output Stage is the best way to enhance your system for improved realism and musicality. Our proprietary Totem-Pole Output Stage design, with six independent audio stages per tube, guarantees ultra-wide bandwidth response and ultra-low distortion to deliver the purest audio signal ever.

Thanks to new audio inputs on the rear panel our valve output stages can be connected with up to two sources at the same time using the TUBE INPUT for the Gold Note sources and the LINE INPUT for other manufacturers. The input can be easily selected from the front panel for maximum convenience and ease of use.

### **USING TUBE-1012 AND TUBE-1006 WITH GOLD NOTE UNITS**

1. Connect the TUBE-1012/TUBE-1006 to the power outlet using the AC power cord included. The AC power socket is located on the rear panel of the unit.
2. Connect the TUBE-1012/TUBE-1006 to your Gold Note unit using the GN TUBE connection cable included. Please ensure to use the TUBE INPUT connectors located on the rear panel.
3. If you want the TUBE-1012/TUBE-1006 to automatically turn ON/OFF along your other Gold Note unit in master/slave mode, connect your other Gold Note unit (master) to the TUBE-1012/TUBE-1006 (slave) through the GN LINK IN connector found on the rear panel. If you want the TUBE-1012/TUBE-1006 to act as the master and control other Gold Note units, use the GN LINK OUT connector instead.
4. Turn to ON the MASTER SWITCH of the TUBE-1012/TUBE-1006.
5. The TUBE-1012/TUBE-1006 will turn ON/OFF as it is now controlled by the other Gold Note unit. When ON, the Power Led is blue as the TUBE INPUT is selected.

### **USING TUBE-1012 AND TUBE-1006 WITH OTHER UNITS**

1. Connect the TUBE-1012/TUBE-1006 to the power outlet using the AC power cord included. The AC power socket is located on the rear panel of the unit.
2. Connect the TUBE-1012/TUBE-1006 to your other units using the LINE INPUT connectors located on the rear panel.
3. Turn to ON the MASTER SWITCH of the TUBE-1012/TUBE-1006.
4. Press the Power On button and then press once the IN button located on the front panel to select the LINE INPUT as the input - the Power Led will change from blue to green.
5. Wait for approx. 30 seconds for the TUBE-1012/TUBE-1006 to reach the ideal operative temperature.

# WARRANTY

## **PRODUCT REGISTRATION**

We recommend to register the unit on our internet website within 15 days from the purchase at

[www.goldnote.it/product-registration](http://www.goldnote.it/product-registration)

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.

Please note that the warranty does not cover in any case: Tubes, Phono Cartridge Stylus and Batteries.

## **WARRANTY**

All Gold Note products come with a warranty against defective materials and workmanship.

Any service and inspection must be carried out by a Gold Note dealer or distributor so in case you need any assistance with this product, please contact the seller.

If you experience any problems locating your official Gold Note dealer or distributor, please check our website.

## **PLEASE NOTE**

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

## **WARNING**

Gold Note products should only be opened, serviced and inspected by certified Gold Note technicians and dealers.

Work performed by unqualified personnel may cause serious damage or personal injury. Opening of the product by non-authorized personnel will void the guarantee. 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.

## 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"> <li>• With EXTREME care use ONLY diluted alcohol and a very soft 100% cotton cloth to sweep dust and stains out.</li> <li>• Any acid or not extremely soft cloth will irreversibly damage the amplifier fine aesthetic.</li> <li>• Do not use any alcohol to clean the unit anodized label, or printed parts. Only dry clothes allowed.</li> </ul>

## TROUBLESHOOTING

SYMPTOM	DESCRIPTION	CAUSE	REMEDY
TUBE-1012/1006 NOT WORKING	LED is OFF	The unit is not connected to the power	<ul style="list-style-type: none"> <li>• Check the power cable and make sure it is connected properly</li> <li>• Check the Master switch and make sure it is On</li> <li>• Press the Power On/Standby button</li> </ul>
		The fuse is blown	Substitute the fuse with one of the same value
TUBE-1012/1006 NOT PLAYING	LED is ON	The unit is heating	Wait for the unit to be ready - about 30 sec

For spare parts visit the official Gold Note store at:  
[www.akamaiaudio.it/](http://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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