

fezz
MADE OF MUSIC.



USER`S MANUAL
GRATIA PRESTIGE MK2

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1 TECHNICAL DATA

Typ: Vacuum tube phono stage

Model: Gratia Prestige mk2, Line: Evolution

Tubes type: 2x ECC82/12AU7

AC supply: Stabilized + toroidal Supreme Audio Grade transformer by Toroidy.pl

Gain MM/MC: 42 dB / 60 dB

MM capacitance: 0 pF, 47 pF, 100 pF, 220 pF

MC load: 1 k Ω , 470 Ω , 220 Ω , 100 Ω

Nominal output level: 0,5 V

Input sensitivity MM/MC: 0,5 mV / 4 mV

Total harmonic distortion: <0,1%

Stereo crosstalk MM/MC: >88 dB / >82 dB


Signal-noise ratio MM/MC: >90dB / >86dB

Power consumption: 20W

Net weight 8 kg

Dimensions 355x380x95mm

2 SAFETY TIPS

 In order to obtain the highest possible sound reproduction quality and for the sake of your own safety, please kindly refer to the following.

- Never place the preamplifier near heat sources, such as radiators, heaters or direct sunlight. Ensure adequate ventilation and airflow
- We also warn against exposure of the preamplifier to conditions such as very low temperatures and/or high humidity.
- The preamplifier should be plugged directly into a wall socket. If you must use an extension cord, please make sure that it has load parameters sufficient to ensure proper handling of current delivery to the device.
- When cleaning, always disconnect the preamplifier from the power source. Use a dry, soft cloth. Do not use water or cleaning agents.
- If your preamplifier starts to misbehave or to work incorrectly, if it's temperature gets too high or you start feeling smoke - immediately disconnect the device from the mains.

- Due to the risk of exposure to high voltages – please do not open the lid of the preamplifier. ATTENTION: This warning remains in force also in a situation where the device is already disconnected from the wall outlet.
- Always replace fuses in accordance with the original, intended specification.
- Do not make repairs on your own, or adjustments beyond those as described in this manual. Execution of any unauthorized repairs or modifications of the device result in a loss of warranty


3 INTRODUCTION

Fezz Gratia Prestige MK2 is an updated version of the Gratia Prestige phonostage, now featuring additional functionalities. This redesigned model has two-step signal amplification section, built based on the highly regarded Burson Supreme Sound Opamp V5i and two low-noise 12AU7 vacuum tubes. It also includes a specially designed power supply, powered by the Supreme Audio Toroidy.pl transformer, ensuring optimal performance. A key upgrade in the MKII version is the addition of new features: users can now adjust the input capacitance for MM cartridges and set the load impedance for MC cartridges, offering greater flexibility for precise customization of the sound. The easily accessible tubes, housed under a sliding glass panel on the top, give you the opportunity to further fine-tune the tonal qualities to your preferences. With it's brilliant dynamics, improved bass response, and greater detail resolution, the Gratia Prestige MK2 provides a clear upgrade over the previous model. The distinctive character of the vacuum tubes brings a unique tone to your Hi-Fi system.

4 INSTALLATION

UNPACKING


Please kindly check if the packaging of the Gratia Prestige phono stage has not been damaged during transit. If you find any damages, please immediately contact your dealer. Remove the preamplifier and accessories from the packaging. Make sure that the content is not damaged.

 Do not connect the device to the power supply if it has visible signs of damage on it. Please do not dispose the original packaging, so as to facilitate possible shipment of the device in the future.

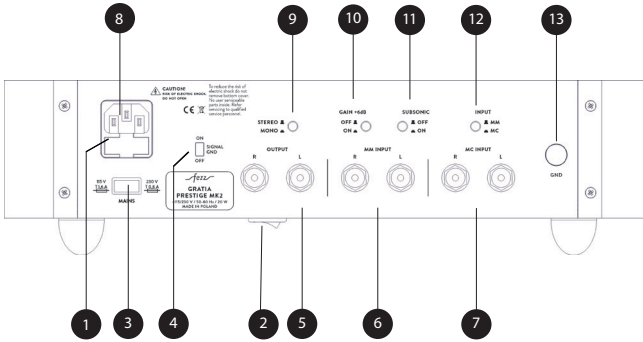
CONTENTS OF THE PACKAGE

Package contains:

- Gratia Prestige mk2 vacuum tube phono stage
- Power cord
- User's manual

 If any of the above items are missing in your package, contact your dealer.

5 INTERCONNECTIONS



- 1 Main fuse
- 2 Power switch
- 3 Voltage selector
- 4 Ground loop switch
- 5 Audio output
- 6 MM source input
- 7 MC source input
- 8 IEC power socket
- 9 Mono/stereo switch
- 10 Gain low/high switch
- 11 Subsonic filter
- 12 MM / MC selector
- 13 Grounding

The figures above shows the rear panel view of the Fezz Gratia Prestige mk2 phono stage.

⚠ To avoid electrostatic shock to the components of your audio system, please touch a grounded conductive surface before making any connections. Any and all connections must be made whilst the device is disconnected from the mains power supply. Before making any such connections, make sure that the amplifier is switched off.

Follow the instructions below to connect your sound system correctly.

STEP 1 INTERCONNECTIONS

Connect the record player equipped with MM/MC HO cartridge to the MM INPUT of the phono stage. If your record player is equipped with MC cartridge, connect signal wire to the MC INPUT of the phono stage. Connect the earthing wire to the screw terminal GND in phono stage. Connect the OUTPUT of the phono stage to a line input (AUX, CD, Tuner, Tape or Video) on your amplifier. Make sure that the amplifier is switched off. Connect the power cord to the IEC socket on the rear panel of the phono stage.

Gratia phono stage is equipped with:
 Subsonic filter - you can use it to reduce or eliminate rumble caused by vinyl imperfections
 Mono/Stereo mode switch
 Audio ground loop switch
 MC load selector
 MM capacitance selector

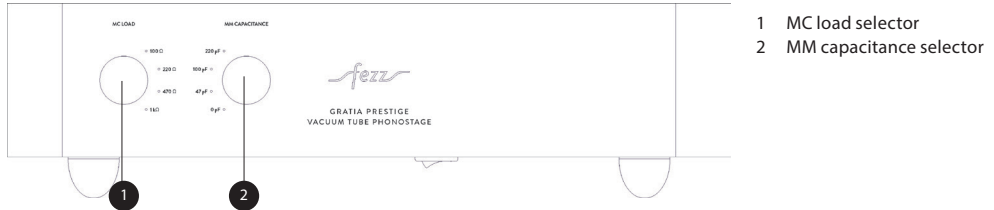
STEP 2 / POWER CORD CONNECTION

Make sure that the device is switched off. Connect the power cord to the IEC socket on the rear panel of the device. The Gratia Prestige mk2 is designed to operate at rated switchable voltage of ~115-120 V or ~230-240 V 50-60Hz. Please check parameters of your mains network, if needed switch to right voltage using switch at the back. Please ensure that you have installed suitable fuse for desired voltage. Connecting the device to a mains network with incorrect parameters can lead to damage that is not covered by manufacturers warranty.

6 GETTING STARTED

Make sure all cables are connected as described above. Select the signal source using the selector located on the front panel of the amplifier. Set the volume knob to minimum. Power on the Gratia Prestige mk2 preamplifier. Make sure the turntable is turned on and gradually increase the volume with the volume knob at your amplifier.

Moving coil (MC) cartridges have a broad frequency range, and their inductance and capacitance can create a resonance peak in the extremely high frequencies. The purpose of the loading resistance is to suppress this resonance, ensuring a smooth and uniform frequency response across the range. MM cartridge capacitance, makes a difference to the high-frequency cartridge response. Please refer to your cartridge manual for information about recommended capacitance.



The figures above shows the front panel view of the Fezz Gratia Prestige mk2 phonostage.

7 VACUUM TUBE REPLACEMENT

Power down the equipment and unplug it from the electrical outlet. This step is crucial to prevent electric shock or damage to the device. Vacuum tubes can become very hot during operation. Allow sufficient time for the tubes to cool down before attempting to handle them.

Fezz Gratia Prestige mk2 is equipped with two 12AU7/ECC82 vacuum tubes. You can easily change the tubes by gently pushing and moving sideway plexiglass window at the top of the device. You can move it to the left or right side. Carefully remove the vacuum tube from its socket. Take the replacement tube and align the pins with the socket. Gently push the tube into the socket, ensuring that each pin goes into its corresponding hole. Carefully double-check all connections to ensure that the new tube is properly seated in the socket, and none of the pins are bent or misaligned. Once you've replaced the tubes and confirmed all connections, close the plexiglass window, power up the equipment and check for proper operation. If there are any issues, double-check the tubes placement and connections.

8 TROUBLE-SHOOTING GUIDE

If your preamplifier does not work as it is supposed to, it is fairly easy to diagnose and remedy some of the common malfunctions,

THE PROBLEM	PROBABLE REASON	SOLUTION
After turning the power switch to the ON position, the amplifier does not switch on.	A blown fuse	Please exchange to faulty fuse to a new one (T0,8 A for 230-240V / T1,6 A for 115V-120V), within the fuse holder as depicted with index 2 on page 4 of this user's manual.
	An improper connection of the mains cable	Please check if the plugs of the mains cable are properly inserted into the electrical mains socket and to the socket as depicted with index 11 on page 4 of this user's manual.