



MM / MC Phono stage

Gratia

USER'S MANUAL

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 safety guidelines and please adhere to them.

- Never place the Fezz Audio Gratia phono stage 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 phono stage 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 phono stage from the power source. Use a dry, soft cloth. Do not use water or cleaning agents.
- If your phono stage 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 amplifier. **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.

INSTALLATION OF THE DEVICE

UNPACKING

Please kindly check if the packaging of the Gratia 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

The package should contain:

- Fezz Audio Gratia phono preamplifier
- Power cord
- User's manual
- Warranty card

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

CONNECTION



Connecting the record player (MM / MC cartridges)

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.

The phono stage is designed to operate at a rated voltage of 230V / 50Hz. Connecting the device to a mains network with incorrect parameters can lead to damage that is not covered by manufacturers warranty.

Press power button on the side of the phono preamplifier.

TECHNICAL DATA

Type:	MM/MC HO phono stage
Model:	Gratia
Phono EQ standard:	RIAA
Input impedance:	47k Ω /50-1 k Ω
Op-amp:	Burson Audio Supreme V5i
AC Supply:	Stabilized + toroidal Audio Grade transformer by Toroidy.pl
Gain MM/MC low:	50 dB / 60dB
Harmonic distortion THD:	(20Hz-20kHz): <0.005%
Crosstalk MM/MC	>95dB / >96dB
Signal-to-noise ratio MM/MC:	92dB / 90dB
Power consumption:	12 W
Net Weight:	2,2 kg
Dimensions (width x depth x height):	340 x 320 x 80 mm



Declaration of Conformity

Manufacturer: **Toroidy.pl Transformatory L. Lachowski Sp.k.** (owner of Fezz Audio brand)

Address: **ul. Mazowiecka 20**
16-001 Książyno
POLAND

I declare that the product:

Brand: **Fezz Audio**
Model: **Gratia phono stage**

complies with the following European Union Council Directives and Standards relating to electromagnetic compatibility (**EMC Directive 2014/30/EU**) and the low voltage Directive (**2014/35/EU**).

This declaration of conformity is the result of an examination carried out in accordance with European Standards for **EN 60065:2002+A2:2010+A12:2011+A11:2008** for low voltage, as laid down in article 10 of the EMC Directive.



Książyno 17.05.2017

Lech Lachowski