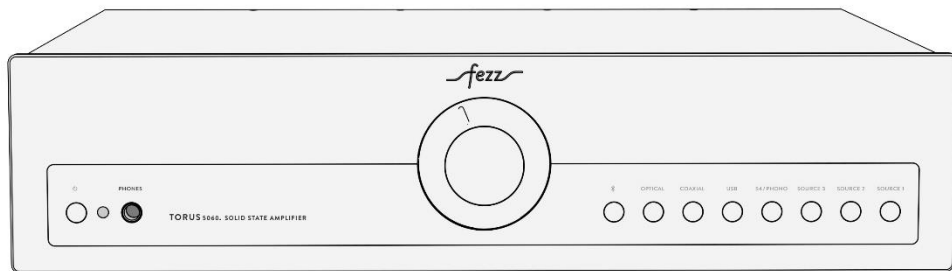


fezz



Torus

5060 / 5050 / 5040

USER'S MANUAL

SAFETY TIPS



- Never place the Fezz Audio Torus amplifier near heat sources, such as radiators, heaters or direct sunlight. Ensure adequate ventilation and airflow
- We also warn against exposure of the amplifier to conditions such as very low temperatures and/or high humidity.
- The amplifier 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 Torus from the power source. Use a dry, soft cloth. Do not use water or cleaning agents.
- If your amplifier 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.

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INSTALLATION OF THE DEVICE

UNPACKING

Please kindly check if the packaging of the Torus amplifier 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.



Please do not dispose of the original packaging, so as to facilitate possible shipment of the device in the future.

CONTENTS OF THE PACKAGE

The package should contains:

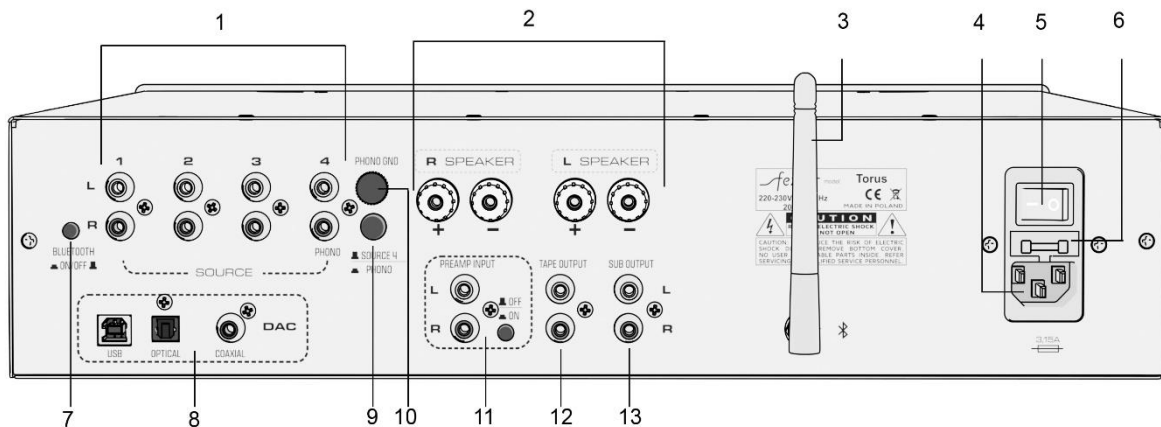
- Fezz Audio Torus amplifier
- power cord
- user's manual
- remote control (5050 & 5040 optional)

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

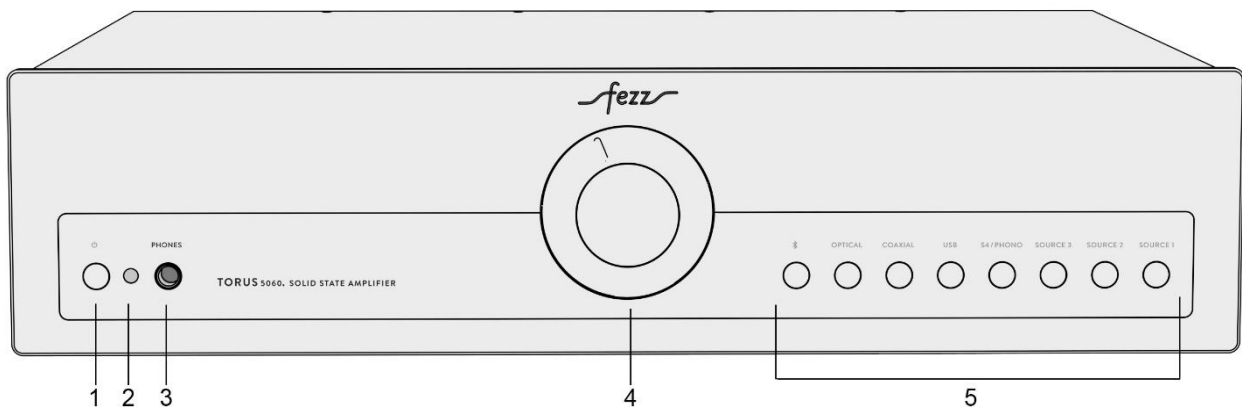
WHERE TO PLACE YOUR AMPLIFIER

Always provide adequate ventilation for your Torus amplifier. Cool operation ensures the longest possible operating life for any electronic equipment. Do not install the Torus amplifier directly above a heat generating component such as a high powered amplifier.

DESCRIPTION OF ELEMENTS OF THE AMPLIFIER

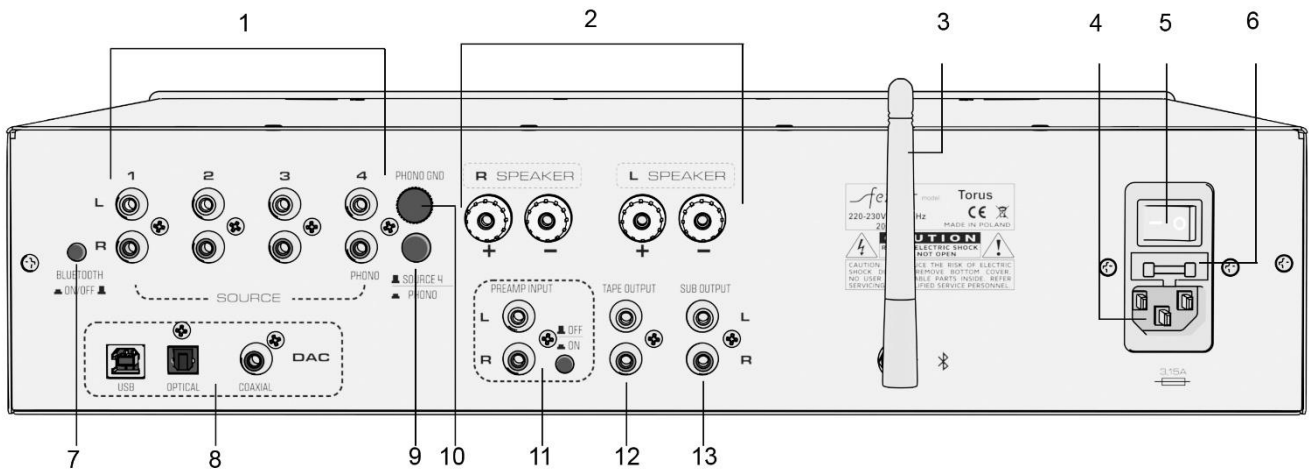


- 1) RCA line inputs
- 2) Speakers terminals
- 3) Bluetooth antenna
- 4) IEC power supply cord socket
- 5) Mains switch
- 6) Fuse compartment
- 7) Bluetooth ON/OFF switch
- 8) DAC inputs
- 9) Phono stage ON/OFF switch
- 10) Phono ground
- 11) Preamp inputs with ON/OFF switch
- 12) Cassette tape deck record output
- 13) Subwoofer output



- 1) Power switch
- 2) IR remote
- 3) Phones input
- 4) Volume knob
- 5) Source select buttons

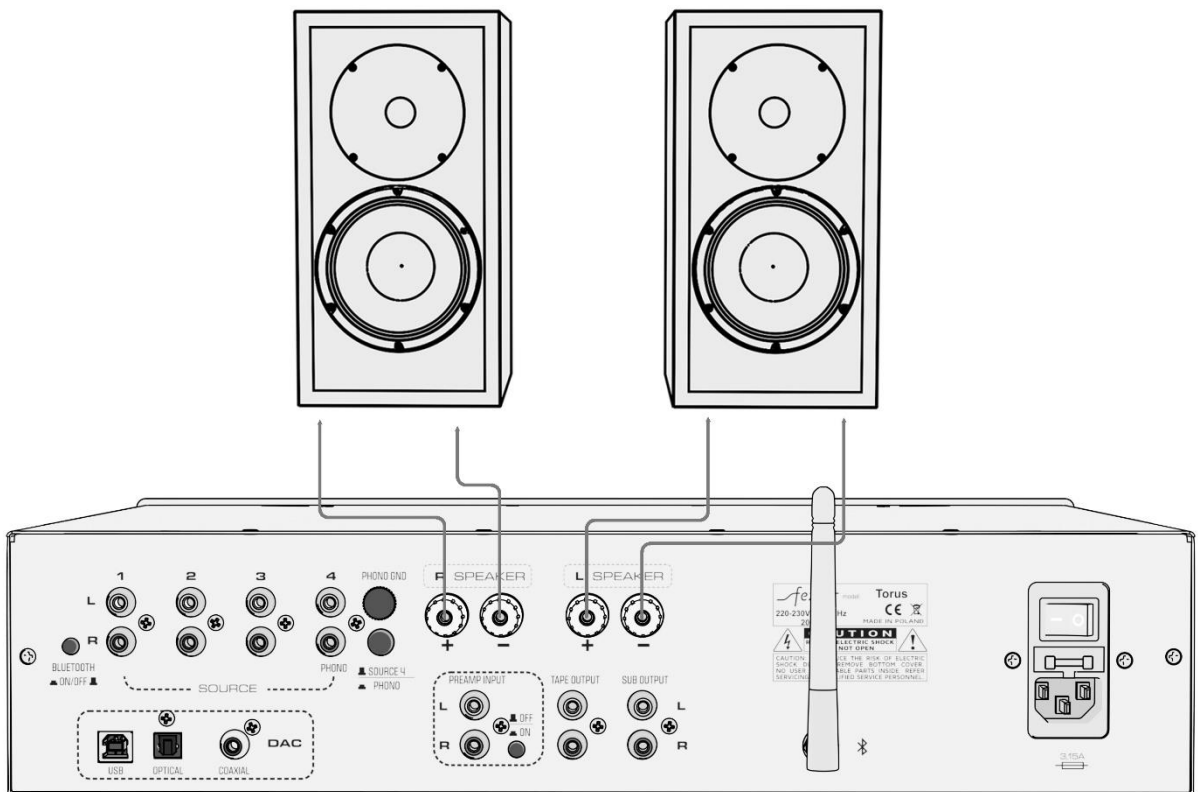
CONNECTIONS



The figures above shows the rear panel view of the Fezz Audio Torus amplifier, together with the description of the basic inputs and outputs allowing for connection of the elements of your audio system.

Follow the instructions below to connect Your sound system correctly.

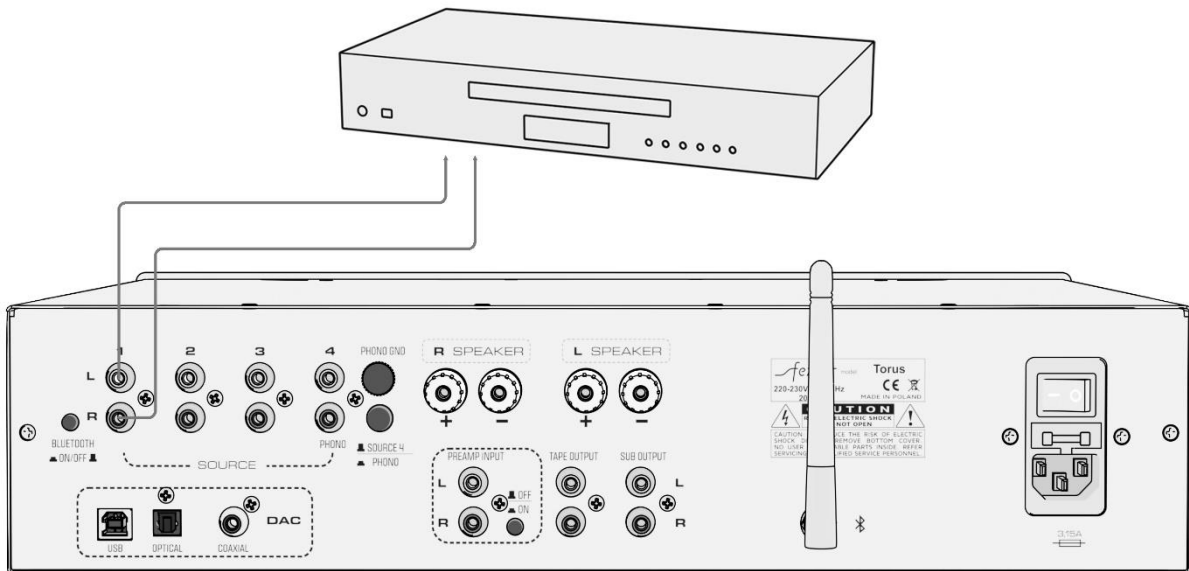
STEP 1 / CONNECT LOUDSPEAKERS



Important Note: When using a banana plug, make sure the speaker terminals are completely tightened before inserting the plug.

Please connect the wires from your left channel loudspeaker to the Left + & - terminals, and the wires from the right channel loudspeaker to the Right + & - terminals. In each case, the red terminal is the positive output and the black terminal is the negative output. Please ensure no stray strands of wire short the speaker outputs together. Please ensure that the loudspeaker terminals have been tightened completely to provide a good electrical connection.

STEP 2 / CONNECT THE ANALOG SOURCES

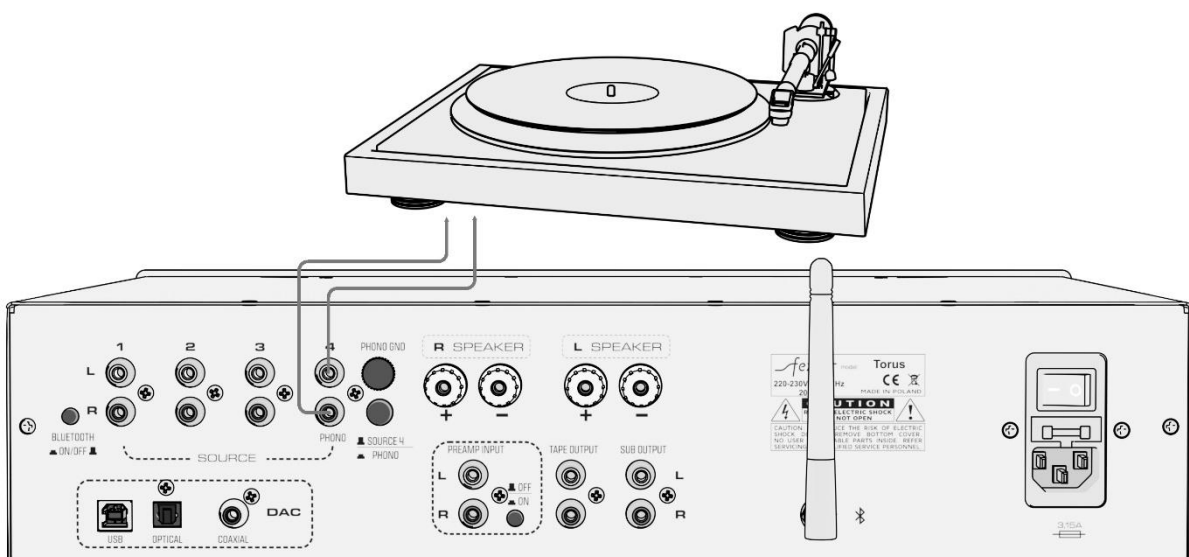


These inputs (1-4) are suitable for any 'line level' source equipment such as CD players, DAB or FM/AM tuners etc.

Note: These inputs are for analogue audio signals only. They should not be connected to the digital output of a CD player or any other digital device.

The quality of the connecting cable is important. Please pay attention to the output cable quality as it can have an impact on the performance qualities of the sound.

STEP 3 / CONNECT THE TURNTABLE

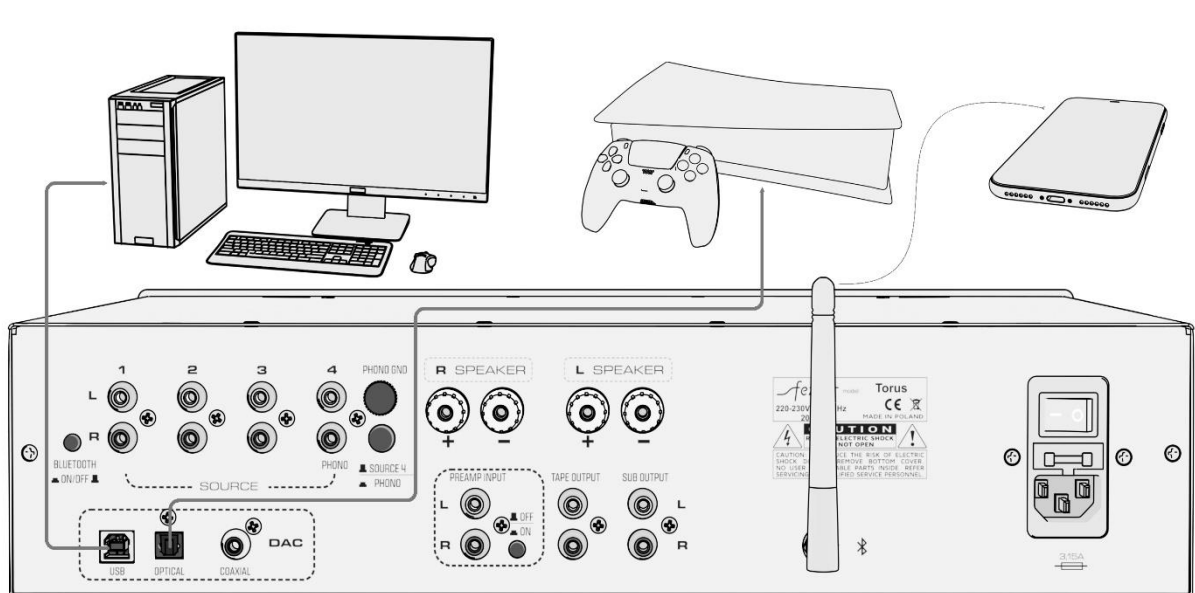


Torus amplifier is equipped with MM/MC HO PHONO STAGE SECTION. You can connect turntable directly to the source number 4.

This input is switchable. To activate the phono stage please switch the phono button (9)

Important - Do not operate the phono switch with the volume control turned up.

STEP 4 / CONNECT DIGITAL COURCES



Torus amplifier is equipped with high quality digital – analogue converter (DAC)
USB, OPTICAL, CO-AXIAL digital inputs. For coaxial connection – please use a high quality 75 ohm
digital RCA Phono interconnect cable (not one designed for normal audio use). This input is suitable
for 16/24 bit content up to 192kHz.

TOSLINK S/PDIF Optical – Use a high quality TOSLINK fibre optic interconnect cable designed
specifically for audio use. This input is suitable for 16/24 bit content up to 192kHz

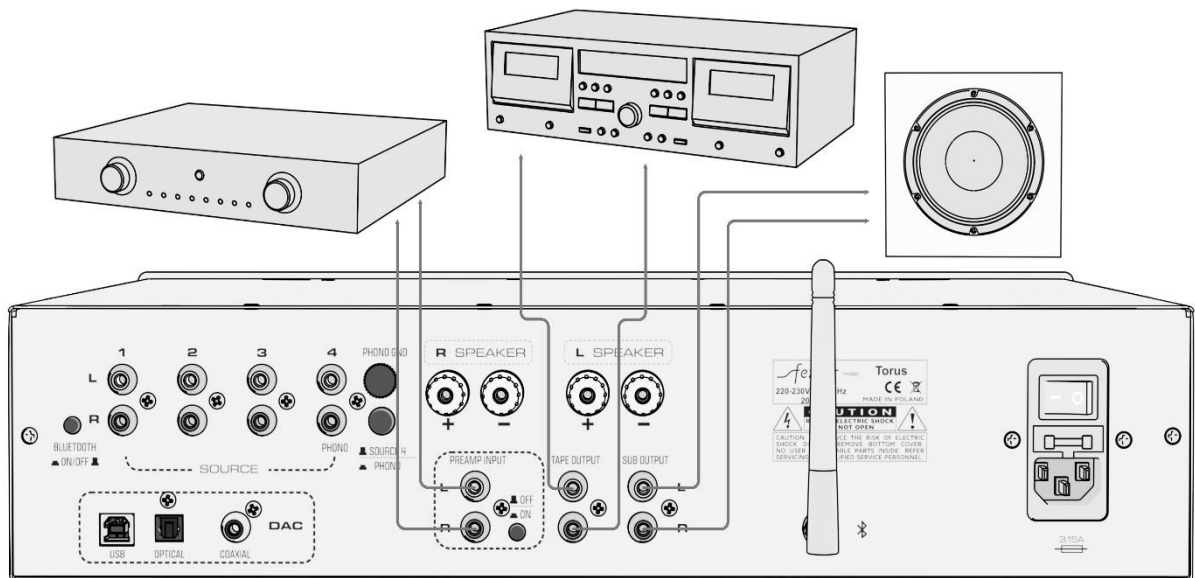
USB AUDIO IN - B type socket is installed to the Torus to enable the playback of audio from a
personal computer running Microsoft Windows OS.

Bluetooth audio streaming - selecting this function allows Torus to receive Bluetooth audio from most
phones, tablets and laptops. Please turn the bluetooth power ON switch (7). Next step is pairing.

PAIRING

To start streaming high quality music from your device it will first need to be paired with the Torus.
Turn the Bluetooth mode ON (on your device) and scan for Bluetooth devices. You will see “Fez
Audio” on the device list. Select, connect and pair both devices.

STEP 5 / OTHER AUDIO SIGNAL CONNECTIONS



TAPE OUT – line signal output for recording by the external tape deck. Tape out is a fixed volume output.

SUB OUTPUT - connect to the input on an active subwoofer if required.

PREAMP INPUT - for connection to the unbalanced inputs of a power amplifier. To activate preamp input, please push the switch located next to the preamp inputs.

STEP 6 / CONNECT THE POWER SUPPLY CORD

Make sure that the amplifier is switched off. Connect the power cord to the IEC socket (4) on the rear panel of the preamplifier.



The preamplifier 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.

FIRST POWER-UP AND GETTING STARTED

Make sure that all of your wiring is connected in accordance with the information as provided above.

Set the volume control to minimum. Turn on the mains power at the back of the Torus amplifier. (5) After this time the light will turn red. Push power button (1) to turn-ON the

amplifier. Make sure the sound source is turned on, select source number, then gradually increase the volume level by turning the potentiometer.

OPTIONAL EQUIPMENT ---

REMOTE CONTROL

The IR remote control enables adjustment of the volume level, selecting sources and power ON/OFF the amplifier.



TROUBLE-SHOOTING GUIDE ---

If your amplifier does not work as it is supposed to, it is fairly easy to diagnose and remedy some of the common malfunctions, by following procedures as outlined in this following.

THE PROBLEM	PROBABLE REASON	THE 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 (3,15 T), within the fuse holder as depicted with index 6 on page 6 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 5 on page 5 of this user's manual.

If You have verified the aforementioned situations, and your problem still persists, please contact Your local Fezz Audio dealer.

TECHNICAL DATA

Specifications:

Type: Solid state stereo integrated amplifier

Model: Torus 5060 / 5050 / 5040

Output power: 90W (4Ω) / 65W (8Ω)

Circuit architecture: Dual mono AB class + audio grade toroidal transformer

Line signal inputs :

- 4x gold plated 2xRCA + 1x pre-in gold plated 2xRCA

Line signal outputs:

- tape output (tape loop) (**5060 & 5050 only**)

- sub-out (subwoofer output)

Features:

- stereo amplifier

- stereo power amplifier mode

- digital inputs: 1x S/PDIF 24/192kHz, coaxial PCM 24/192kHz, 1x USB 24 bit/192 kHz
(**5060 only**)

- advanced jitter attenuating PLL with low intrinsic period jitter of 50 ps RMS for S/PDIF input

- DAC: Wolfson 8740 (**5060 only**)

- Bluetooth 5.0 receiver (compatible with MQA Tidal Master Quality Authenticated)
(**5060 & 5050 only**)

- headphone amplifier

- MM cartridges phono-stage (**5060 & 5050 only**)

- remote control (**5050 & 5040 optional**)

S/N Ratio: > 100dB

Frequency response: 5Hz-100kHz (-3dB)

Power consumption: max. 200W

Net Weight: 7,5 kg

Dimensions (width x depth x height): 430x330x97mm

Colour schemes: black, silver



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: **Torus solid state amplifier**

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.



A handwritten signature in blue ink, appearing to read "Lech Lachowski".

Książyno 10.12.2021

Lech Lachowski