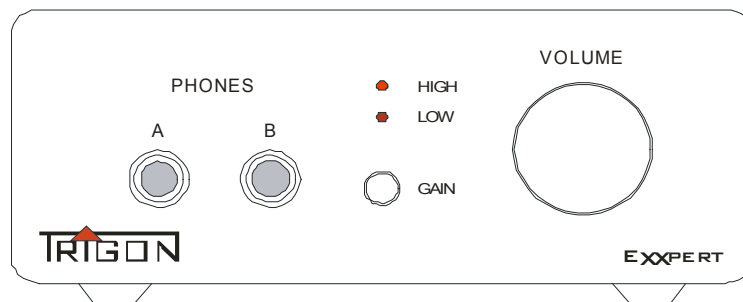




OPERATING MANUAL

FOR HEADPHONE AMPLIFIER

EXXPERT



1 Introduction

Valued **TRIGON** - Customer,

We are excited that you have chosen to purchase the **EXPERT** headphones amplifier. This unit was built using the highest quality control to insure utmost precision in manufacturing.

Whether you are a beginner to High-Fi or advanced user, it is highly recommended that you read and understand this user's manual thoroughly before using your new amplifier. Be sure to keep this manual easily accessible as it could come in handy during normal use of this amplifier.

We hope that you enjoy your new amplifier and thank you for choosing **TRIGON**.

2 General equipment description

The **EXPERT** is a headphone amplifier whose outstanding sonic characteristics correspond to a conception and equipment that meets the high demands.

It has a high level input and output as well as two headphone jacks to which headphones with a nominal impedance of 32 - 250 Ohm can be connected. The monitoring volume is adjusted via a high-quality stereo potentiometer. The circuit concept is purely analog! The integrated power supply is ensured by an analog power supply, which largely eliminates sound-fading network influences.

2.1 Safety Instructions

TRIGON ELEKTRONIK GMBH will not assume any responsibility for damages occurred from unsafe handling of the product or from not adhering to the recommend safety instructions below.

- The amplifier should not be used un-monitored in close proximity to heat producing devices such as Water heaters, Fireplaces or Flammable materials.
- The amplifier is not designed to withstand heavy impacts or severe vibrations.
- The amplifier should not be used unmonitored when being transported from a cold environment into a warm room.
- The amplifier should not be used when placed out in direct contact with the sun.
- Insure that the installation location for this product has adequate ventilation.
- The amplifier should not be doused with any type of liquid. It is imperative that no liquid get inside the unit.
- Never use this product without the shielded top cover installed.
- Before removing the top cover always insure that the AC cord has been removed from the AC outlet and that the product has sat to drain any residual current.
- Never short any of the fuses. Replace broken fuses only with original fuses of the same value and type.
- Do not attempt to service this unit. Repairs are only to be done by authorized service centers or through the factory direct. Any such unauthorized repairs will result in a voided warranty.
- Always make sure that your complete audio system is shut off before changing any cables or connecting any other components.

2.2 Installation Information

During unpacking, please inspect the unit for any potential transportation damage. If you notice any damage, please get in contact with your dealer.

Confirm the contents of the box. In addition to the **EXXP**ERT, you should also have the following:

- Power cord
- User's Manual
- Warranty Card

Place the unit on a dry, level surface. Be sure that the unit has good ventilation around it. Strong magnetic fields commonly found in amplifier transformers and halogen light transformers can induce hum into a system. Because of this, it is best to place the unit a reasonable distance from such devices. Also, the audio interconnects should not be run in parallel to AC power cables as this can also induce noise.

Hum is also produced from light bulbs. It is best to place audio equipment at least 3 feet away from them.

Try to utilize natural light and make sure not to use the **EXXP**ERT unmonitored next to heat sources.

2.3 Warranty and Service Information

In choosing the **EXXP**ERT, you have selected a valuable and technologically advance product. We at **TRIGON** are trying to improve our quality control through all steps in the production cycle to insure that all **TRIGON** products meet our quality expectations. If a problem is experienced, **TRIGON ELEKTRONIK GMBH** offers a three-year warranty. This warranty covers repairs for any manufacturing defects.

It does not cover damages that are the result of neglect or misuse. It also is considered void if unauthorized personnel do any repairs or modifications. Any alterations to the serial number, or transportation damage are not covered as part of this warranty.

3 Initial Setup

After unpacking the headphone amplifier, we recommend that you first connect the device to the power supply and turn it on. The power switch is located directly next to the mains socket on the back of the unit.

On the front, one of the two LEDs should light up. The light-emitting diodes indicate the gain that has just been set. Depending on the headphones used, the amplification can be adjusted in two stages. This is done with the push button on the front side. The volume is adjusted with the rotary knob.

The two headphone jacks on the front side are connected in parallel, that means the volume setting also affects both connections at the same time. Two headphones can be connected simultaneously.

On the back of the device, there are two pairs of RCA jacks beside the mains connection and the mains switch. The **INPUT** jack is connected to the device whose signal you want to play via the **EXPERT**. The **OUTPUT** jacks have the same signal, but they are adjusted according to the volume setting. Here, e.g. A small power amplifier or an active monitor loudspeaker can be connected.

4 Technical Data

Frequency response	: 20Hz - 20kHz (+ - 1dB)
Distortion (THD + N)	: < 0.02 %
Crosstalk	: < - 80 dB (1kHz)
Signal / Noise	: < -96 dBA
Outputs	: 2x 6,3mm Headphone Jacks, 1x Cinch
Output Impedance	: 10 Ohm
max. Output Voltage	: 11 V eff an 250 Ohm
Weight	: 1,7 kg
Dimensions	: 133 x 57 x 215 mm (BxWxD)

(Specifications subject to change)

Designed and Manufactured by:

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