

MOOSE

www.mosesound.com

PROUDLY DEVELOPED AND
MANUFACTURED IN PORTUGAL

TL500P

Public address amplifier
Power unit



USER'S MANUAL

Introduction

Dear customer,

Thank for choosing MOOSE branded products!

MOOSE is a brand of professional audio & lighting products, proudly developed and manufactured in PORTUGAL.

In order to operate this product in a safe and reliable manner, please follow the instructions in this booklet and before operating the equipment read the instructions carefully and please note the technical information.

Our products undergo very rigorous testing under strict conditions and they are monitored continuously during the manufacturing process. In order to guarantee the product function and safety, the original parts of the manufacturer's design must be used. If any parts other than those of the manufacturer are used, or the product is modified in any way, the user forfeits all warranty rights to claim.

Caution

1. Before connecting the equipment to the power outlet, first verify that the mains voltage and frequency match the values specified on the equipment.
2. If the power cord of the device is equipped with an earthing contact, then it must be connected to an outlet with a protective ground. Never deactivate the protective ground of a power cord.
3. Unplug the power cord and power adapter from the power outlet if there is a risk of a lightning strike or before extended periods of disuse.
4. Replace fuses only with fuses of the same type and rating. If a fuse blows repeatedly, please contact an authorised service company.
5. Do not open or modify this equipment.
6. After connecting the equipment, check all cables in order to prevent damage or accidents, e.g., due to tripping hazards.
7. Do not turn on the Amplifier ON before checking that all volumes to zero .

IMPORTANT: Never remove the cover, because otherwise there may be a risk of electric shock. There are no user serviceable parts inside. Have repairs carried out only by qualified service personnel.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions.



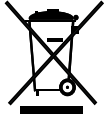
To prevent electrical shock do not remove the cover. No user serviceable parts inside. Refer service to qualified personnel only.

The amplifier is marked with this instruction so please proceed accordingly in order to avoid any hazard.

Manufacturers Declaration

PROPER DISPOSAL OF THIS PRODUCT

(Valid in the European Union and other European countries with waste separation)



This symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. This is to avoid environmental damage or personal injury due to uncontrolled waste disposal. Please dispose of this product separately from other waste and have it recycled to promote sustainable economic activity.

Household users should contact either the retailer where they purchased this product, or their local government office, for details on where and how they can recycle this item in an environmentally friendly manner.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal .

ENVIRONMENTAL PROTECTION AND ENERGY CONSERVATION

Energy conservation is an active contribution to environmental protection. Please turn off all unneeded electrical devices. To prevent unneeded devices from consuming power in standby mode, disconnect the mains plug.

EC DECLARATION OF CONFORMITY

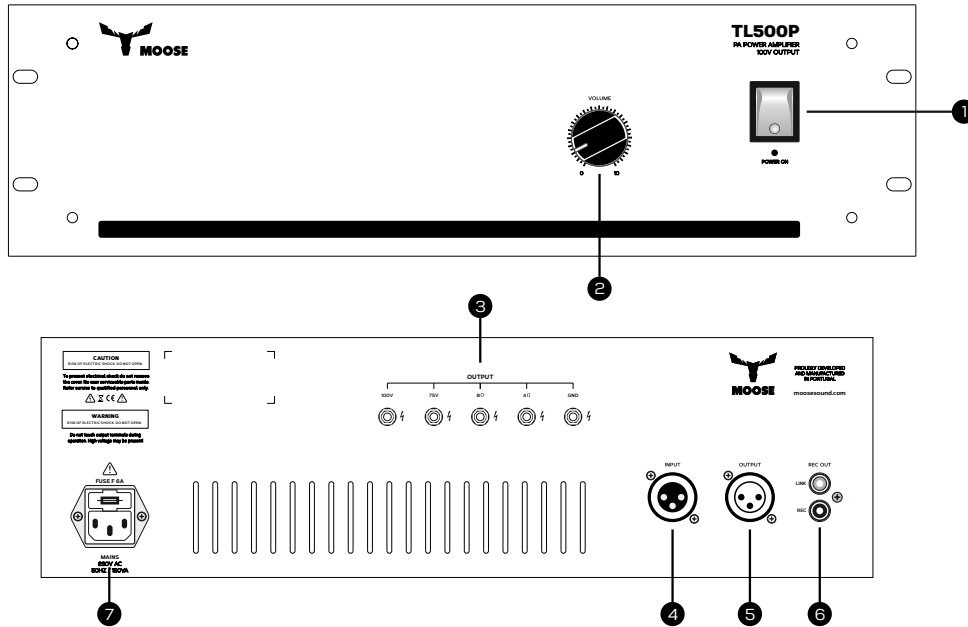
The equipment marketed by MOOSE complies (where applicable) with the essential requirements and other relevant specifications of Directives 1999/5/EC (R&TTE), 2004/108/EC (EMC) und 2006/95/EC (LVD). Additional information can be requested to info@profactor.pt.



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Connections and Controls

Please refer to the following scheme and instructions:

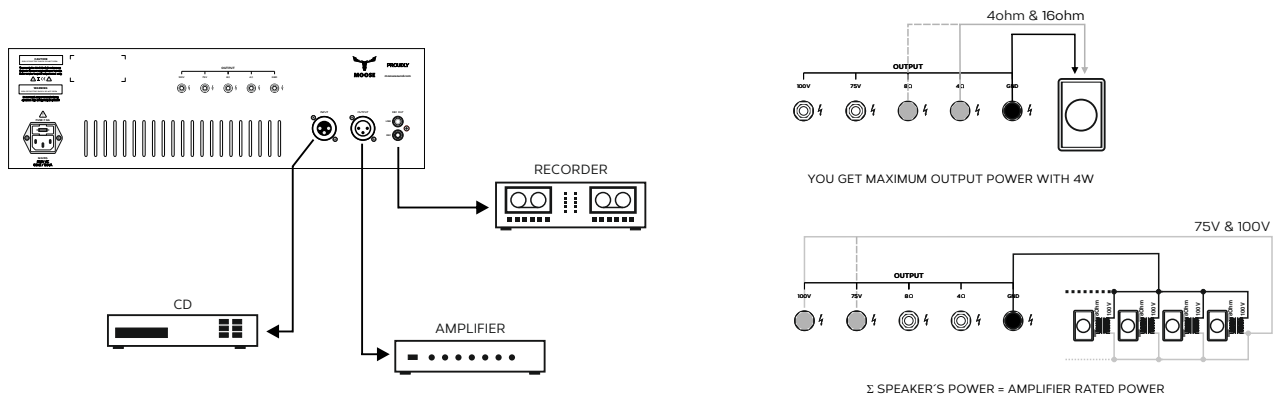


- 1. POWER ON:** Illuminated on/off switch. Before switching the system on, always adjust the volume to zero.
- 2. MASTER VOLUME:** Main volume adjustment. Sets the relative level of input signal.
- 3. OUTPUT:** Signal output in terminals. It is possible to connect Speakers either in Low Impedance output (4ohm and 8ohm) or in Line transformer output (75V or 100V). Please refer to connection diagram for further information.
- 4. INPUT:** Signal input in 3-pin XLR for connection of a signal source.
- 5. OUTPUT:** Signal output/link in 3-pin XLR for connection (link) of another device such as an amplifier.
- 6. REC:** Signal output in RCA for connections of a recorder device.
- 7. MAINS IN:** Power socket with fuse holder, AC 230V – 50-60Hz. Replace the fuse only with a fuse of the same type and rating. If the fuse blows repeatedly, please contact an authorised service company.

In order to ensure the right procedure, please follow as described:

- 1- Make sure that ON/OFF switch (1) is OFF.
- 2- Connect mains supply cable (7) to 230V AC.
- 3- Connect all devices that will work with TL500P to their respective inputs/outputs just like scheme presented in this manual;
- 4- Connect the speakers to the output terminals (3). Be aware that connection depends on the type of speakers you have, either in low impedance or 100V line transformer always respecting polarity;
- 5- Connect On/Off button (1);
- 6- Adjust input signal level using the volume adjustment pot (2);

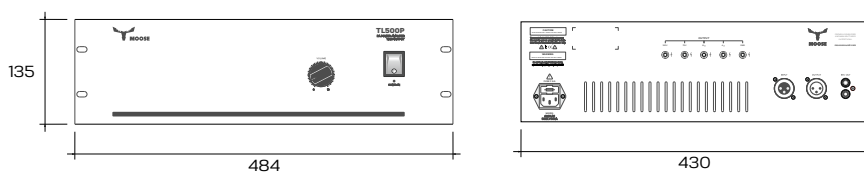
Connection diagram



Technical specifications

MODEL	TL500P
TYPE	PA mono power amplifier
POWER OUTPUT (RMS)	500W
FREQUENCY RANGE	50Hz - 14kHz
T.H.D. (20Hz - 20kHz)	< 1% @ 1kHz
S/N RATIO	< 90dB @ 1kHz
ZONES	No
CONTROLS	Singal level
INDICATORS	Power on
INPUTS	Singal in
OUTPUTS	4ohm, 8ohm, 75V and 100V
CONNECTORS	Input in 6.3mm Jack, Link in RCA and REC in RCA
PHANTOM POWER	No
OTHER FEATURES	Input level adjustment
PROTECTIONS	Short circuit, thermal overload
OPERATING VOLTAGE	230V AC (factory config.), 50-60Hz
POWER CONSUMPTION	500VA
COOLING	Continuously speed fan, 120mm / 230V AC
DIMENSIONS (WxDxH)	4RU spaces, 360mm depth
WEIGHT	20Kg

Dimensions



Unit: mm (milimeters)

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MOOSE is a brand of PROFACTOR S.A.

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MOOSE



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