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PST 100 TA

YPSILON
TRANSFORMER ATTENUATOR
PRE
AMPLIFIER



OWNERS MANUAL

V1 01/01/2008

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INTRODUCTION

Thank you for trusting YPSILON ELECTRONICS™. We assure you that you have made an excellent purchase. Your pre-amplifier is made only by the best and most reliable materials and we guarantee it will offer you many hours of music enjoyment.

Every pre-amplifier, before delivery, is thoroughly checked and measured for ensuring trouble free operation.

Our goal is to offer you devices of the highest standard of build quality and sonic performance.

PLACEMENT OF THE PST 100 TA PRE-AMPLIFIER

PST-100 TA pre-amplifier is designed to reduce interference from external magnetic and radio fields. Although placement is not critical, any magnetic fields should be avoided.

A solid and sturdy surface should be used as this pre-amplifier has a substantial weight.

There must be line of sight from the listening position for the remote control to work correctly.

TAKING CARE OF YOUR PST-100 TA

When wanting to clean the **PST-100 TA** pre-amplifier always disconnect from the mains electricity and use a clean, slightly damp cloth with no possibility of color running.



**NEVER CLEAN PRE-AMPLIFIER CASING WHEN DEVICE IS
CONNECTED TO MAINS ELECTRICITY.
ALWAYS DISCONNECT FROM MAINS ELECTRICITY PRIOR TO ANY
SUCH ACT.**

CONNECTING CABLES

For best results it is recommended to keep the input and output cables as short as possible. Do not use longer cables than needed. For more information contact your dealer or the factory.

CONNECTING TO THE MAINS OUTLET

Your pre-amplifier has a description of the appropriate operation voltage on its back panel. Please make sure not to overlook the specifications. In case you need to operate it in a region with no complying voltage, contact your dealer or the factory. The power cable that you will use must be at least 3 x 1.5 square mm and grounded to the mains outlet.

The on/off switch for the **PST-100 TA** is located on the back panel.

This device is Class I and the following safety rules apply:



According to guide 73/23/EEC for low voltage and guide 89/336/EEC (EMC) this device is marked with **CE**.

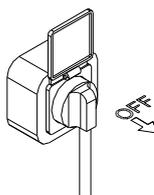
CAUTION
DO NOT ATTEMPT TO
OPEN THIS DEVICE.
IN CASE OF
MALFUNCTION CONTACT
YOUR DEALER OR THE
MANUFACTURER



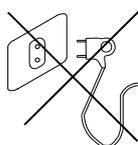
ONLY USE THE VOLTAGE
PRINTED ON REAR PANEL

WARNING: Before any maintenance or placement /connection takes place
disconnect the device from electrical outlets.

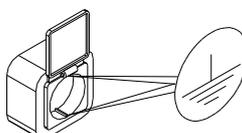
DISCONNECT THE DEVICE



WARNING: Never use electrical outlets without earth



Use only electrical outlets that are earthed.



IN CASE OF FAULT



In case of fault never open device. Return to authorized technical agent or manufacturer.

In case of part changing only the exact same parts should ever be used and replaced by authorized staff or manufacturer. Otherwise this device is out of Guarantee and will not be compliant with international rules and regulations

CONNECTING INPUT CABLES

Your **PST-100 TA** has six inputs on the back panel. With input 4 being input/rec for both input signal and recording output signal. In input 6 an XLR connector is used which is unbalanced. Only connect signal from source.



CONNECTING OUTPUT CABLES

There are two types of output connectors on the back panel of the **PST-100 TA**. Always use only one output type at any one time, either the XLR connector or the RCA connector.

It must be pointed out that the XLR connector is unbalanced and pins 1&3 are grounded

Only connect to power amplifier.



**RCA
OUTPUT** **XLR
OUTPUT**

DESCRIPTION

The volume is controlled by an output transformer wound in house. The attenuator transformer has 31 steps of 1db to 3 db depending on the chosen step.

OPERATION

After completing all the connections on the **PST-100 TA** your pre-amplifier is ready to be turned on.

When turned on, the front display screen will illuminate and the following message can be read “**YPSILON PST-100 TA**” this message will last for 30 seconds and then it will turn to “**VOLUME 00 INPUT 1 CD**”.

Choose the appropriate input and suitable volume level by using the remote control.



STARTUP DISPLAY



DISPLAY AFTER 30 SEC

REMOTE CONTROL

The **PST-100 TA** remote control has 6 buttons. Starting from the top the first button is marked “**S**” and is used to mute the pre-amplifier..

Further down is the button marked ”**D**” which is used to turn the pre-amplifier on/off.

The only part continuing to receive current is the power supply.

Further down is the Input selector marked “**IN**” which is used to select the desired input.

When the pre-amp is turned on the display will illuminate the message “**VOLUME 00 INPUT 1 CD**”, accordingly choose the desirable input by using the “**IN**” button.

Further down is the volume selector marked “**VOL**” to choose appropriate volume level

The remote control uses 2 AA batteries. The battery compartment is accessed by removing the back plate using a 2 mm hex key.



SPECIFICATIONS

BANDWIDTH	5Hz-100KHz -3db
OUTPUT RESISTANCE	150 ohm
INPUT RESISTANCE	50 Kohm
GAIN	x1 (0db)
POWER CONSUMPTION	150 VA maximum
DIMENSIONS	400x180x410 (WxHxD)mm
WEIGHT	20 Kgr

UPGRADE

This pre amplifier is fully upgradable to a full version of the **PST-100** pre amplifier. This is done by returning to the factory for the active stage to be incorporated into the device.

For more information please contact your dealer.



Specifications may change without notice