



Well Tempered Lab

INSTRUCTION MANUAL

TPP

## Description

The Well Tempered Lab TPP is a MM Phono Preamplifier with separate power supply using 12AX7 tubes providing a balanced gain with low negative feedback.

## Important Safety Instructions

### 1. Read the instructions

The safety and operating instructions should be read before using the TPP.

### 2. Retain Instructions

The safety and operating instructions should be retained for future reference.

### 3. Follow Instructions

All operating and use instructions should be followed.

### 4. Location

The TPP should be installed in a stable location with ample ventilation. We recommend that this phono stage be placed at a suitable distance away from all amplifiers.

### 5. Water and Moisture

As with any electrical equipment, this phono stage should not be used near water and moisture.

## Connection and Operation

1. Power OFF all equipment before attempting install the TPP in your system this includes all power amplifiers, integrated amplifier, pre amplifiers and all ancillary equipment.
2. The TPP consists of a two piece chassis. One piece is the regulated Power Supply that connects directly into the mains supply. Always ensure that the mains plug is suitable for use in your country. The regulated IEC connector socket on the rear of the power supply accepts dual voltage. Ensure that the fuse rating is correct for your country. The power supply is connected to the TPP with the supplied umbilical cord and 3 pin screw collar connectors ensure they are firmly tightened.
3. Always use high quality low capacitance interconnect cables with correct RCA male connectors. The left and right channel outputs of the TPP should always be connected to the standard line level inputs of the preamplifier or similar. Never connect the TPP to a MM input.
4. The outputs of the tonearm cable with RCA male connector should be connected to the right channel and the left channel inputs of the TPP.
5. Normally the TPP GND terminal is to connect an earth wire from the turntable or the tonearm cable.
6. The TPP is installed in a shielded case, but sometimes it can pick up hum in a strong magnetic field. In this case change the position of the TPP. Always keep a convenient distance from the amplifier.
7. If hum persists it can usually be eliminated by connecting a ground wire from the preamplifier/integrated amplifier GND terminal to the TPP GND terminal or consult your dealer.

## Specifications

- Control Functions  
Power On/Off
- Harmonic Distortion (2V RMS Output)  
0.01%
- Input Level (MM Phono)  
3 - 5 mV
- Input Impedance  
47k ohms
- Input Connectors  
1 group RCA, 1 group RCA
- Ground Connector  
1 terminal
- Signal  
86 dB
- Consumption  
40 watt
- Tube Compliment  
2 x 12AX7
- Dimensions (H x W x D)  
113 x 150 x 260 mm (275 mm including connectors), 220 x 360 x 450 mm (Shipping)
- Weight  
5.75 kg, 7.6 kg (Shipping)

## Warranty & Service

Valid on completion of warranty card and confirmed date of purchase. Details can be registered at [www.welltemperedlab.net/welltemperedlab/contact/](http://www.welltemperedlab.net/welltemperedlab/contact/) or mailed to: Well Tempered Lab, P.O. Box 2650, Christchurch, New Zealand.

This Well Tempered Lab product is warranted against defects in material and workmanship for one year from date of purchase.

This warranty does not cover normal wear and tear and is void if the Well Tempered product has been subject to mis-use, accident or negligence or if it has been tampered with or modified in anyway. Spillage of any fluids supplied by the Well Tempered Lab is not covered within the scope of this warranty.

Warranty is restricted to the territory in which the product was purchased. Our distributors and dealers are under contractual obligation to service under warranty products only sold through them. They are entitled to make a non refundable charge for service to products purchased outside the territory if required.

### Claims Under This Warranty

The product should be returned to the dealer or nearest Well Tempered distributor, complete with warranty card and confirmed date of purchase.

### The European Waste Electrical and Electronic Directive

This product can be recycled. Products bearing this symbol must NOT be thrown away with normal household waste. At the end of the product's life, take it to a collection point designated for recycling of electrical and electronic devices. Find out more about return and collection points through your local authority.

The European Waste Electrical and Electronic (WEEE) Directive was implemented to dramatically reduce the amount of waste going to landfills, there by reducing the environmental impact on the planet and on human health. Please act responsibly by recycling used products. If this product is still useable, consider giving it away or selling it.





Well Tempered Lab

### Registration Card

Name	_____	
Address	_____	
	_____	
	_____	
City	_____	
State	Post Code (Zip)	_____
Country	_____	
	_____	
Phone	Email	_____
	_____	
Model	Serial No.	_____
Dealer	_____	
	Date of Purchase	_____