

# Addendum SL-1200 History

It's the 1970's and Technics embarks on an ambitious plan to develop a state of the art turntable system for mastering discrete CD-4 quadrasonic records. The SP-02 disc cutting turntable, in use to this day for mastering audiophile lacquers. For playback, the SP-10, 15 and 25 turntables were developed, employing for the first time, a linear frequency generator to monitor and control platter speed. It is this drive and control system that eliminated, for the first time, the effects of both static and dynamic stylus drag on speed stability. A problem belt drive engineers all but gave up on solving affordably, years ago.

Material science played an important role also with the first applications of non resonant body designs utilizing constrained layering of cast metals, engineering resins and heavy rubber resulting in a rigid turntable body incapable of sustaining resonance.

The current 1200 series is the step child of the SP series and embodies every bit of that technology and engineering science. The world standard for professional club use, that good fortune has allowed the SL-1200 to remain the most affordable hi end turntable available today.

## Milestones:

- 1994 KAB Introduces 78 speed mod
- 2000 KAB introduces TD-1200 Fluid Damper
- 2003 KAB introduces PS1200 Power Supply
- 2004 KAB Introduces SX-1200 Strobe Disabler
- 2007 KAB Begins Cardas Tonearm Rewires
- 2009 KAB Introduces PS1200GX Low Noise Power Supply
- 2010 KAB Introduces Super Low Noise Cardas Phono Wire
- 2012 KAB Introduces DC1200 & Reproduction PC Boards
- 2014 KAB Introduces Half Speed and UltraPitch Mods
- 2014 KAB Introduces SuperFlex Tonearm Wire

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Owners Manual  
**KAB PS-1200 GX**



External Power Supply



# KAB PS-1200 GX

Conducted by

KAB Electro Acoustics

## Introduction

### Performance

Your new KAB PS-1200GX is a state of the art external power source that supplies a nearly dead quiet source of DC power and meets all standards for AC safety and latest efficiency standards.

### Features

- Fully certified and isolated AC power source
- Choke input with very low ESR capacitance storage
- Shunt bridge noise cancelling circuit
- All steel chassis
- Total relay disconnect with over-voltage trigger
- Sense circuit allows turntable to control power.

### Important Specifications

- AC input: 90V to 264 VAC 47-63 Hz
- Ripple RMS Input to DC conditioner 10mV
- Ripple RMS output from DC conditioner < 200 uV
- Input polarity and over voltage protected
- Storage 4000uF Low ESR, Low Inductance
- Standby Power < 0.5 watt
- Operating Power 1.2 Watt
- 1 year service warrantee

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# Installation

### Parts Included:

- Meanwell 28VDC Power Source
- KAB PS-1200GX DC Power Conditioner
- DC-1200 Regulator Board and DC Cable
- SX-1200 Strobe On Off Switch
- IEC AC Cable (Int'l versions only)

### Making Connections

Make the following connections in order:

1. Connect the DC cable to the DC-1200 terminal board. Striped lead to terminal EX and remaining lead to the terminal G.
2. Connect the output of the Meanwell power source to the DC in on the PS-1200GX.
3. Plug Your SL-1200 AC power cord into the Sense Socket on the back of the PS-1200GX
4. Plug the Meanwell Power Source into your AC power socket  
Set turntable power OFF and power button on PS-1200GX OUT.

***Wait 10 Seconds for internal storage to fully charge.***

### Using Your New Power Supply

You can power up using the original power switch on your 1200 or using the pushbutton on the PS-1200GX. The pushbutton overrides the 1200's power switch.

The Meanwell should remain powered up at all times and should always be installed directly to the AC line and come *before* any AC Line filters or conditioners.

If the Overvoltage protection trips, the unit will completely power down. To reset from this condition, unplug the Meanwell from the AC Socket and follow step #4 above. Operation should be restored.

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