



# RADIKAL

## OVERVIEW

DC Motor Control Unit and Power Supply for Sondek LP12

### KEY FEATURES INCLUDE

- Precious metal brushed DC motor with a moving coil rotor and high performance Neodymium magnets
- Auto-calibration of motor speed using tachometer and ultra low jitter clock
- Linn Dynamik Switch Mode Power Supply (SMPS) with superb isolation
- Dual speed power supply -  $33\frac{1}{3}$  rpm and 45 rpm
- Cueing mute option (-25 dB)

Linn Radikal is an LP12 SE motor control upgrade for the Linn Sondek LP12 transcription turntable that takes it to an entirely new level. Radikal comprises a DC motor for installation within the LP12, and a motor control unit and power supply housed externally.

Radikal uses a specially customised 13 segment precious brushed DC motor which offers a new level of rotational accuracy, with an incredibly smooth action and extremely low levels of electromagnetic interference (low enough to allow an internal phono stage).

Radikal auto-calibrates the motor speed every time it is turned on, with an on-board tachometer using optical feedback to measure platter speed. The same type of ultra low jitter clock used in the Klimax DS controls timing to ensure that your records always spin at the perfect speed.

Now featuring Linn's latest Dynamik Switch Mode Power Supply, Radikal provides clean, constant power whatever the load conditions, and is superbly isolated from the audio signal path, ensuring that the low level cartridge signal is protected from any potential interference.

A flick of the LP12 switch toggles  $33\frac{1}{3}$  / 45 rpm and can also be used to apply a soft mute of -25 dB when cueing a record for play.

Radikal also powers the Linn Urika internal moving coil phono stage, using independent circuitry to ensure no inter-stage modulation effects.

Available in a recently updated silver or black Linn chassis, or in a machined-from-solid aluminium case to match your Klimax system.

Together, Radikal and Urika represent a new pinnacle in LP12 SE performance, getting you closer to the artist's performance than ever before.



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- 1 Radikal (black)
- 2 Radikal (machined-from-solid)
- 3 Radikal backpanel (machined)
- 4,5 Radikal Motor

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## TECHNICAL SPECIFICATIONS

DC Motor Control Unit and Power Supply for Sondek LP12

Introduced	March 2011 (original model released April 2009)
Type	Sondek LP12 Motor Control Unit and Power Supply
Motor	13 segment precious metal brushed DC motor
Mains Input Voltage (auto-sensing)	100 - 120 V 220 - 240 V
Mains Supply Frequency	50 - 60 Hz
Power Consumption (with Urika)	14 W
Dimensions (Standard Finish)	(H) 91 mm x (W) 380 mm x (D) 380 mm
Dimensions (Machined Finish)	(H) 3.58 inches x (W) 15 inches x (D) 15 inches (H) 60 mm (including feet) x (W) 350 mm x (D) 355 mm (H) 2.3 inches (including feet) x (W) 13.8 inches x (D) 13.9 inches
Weight (Standard Finish)	4.2 kg / 9.2 lbs
Weight (Machined Finish)	10 kg / 22 lbs

### Linn Products Limited

Glasgow Road, Waterfoot, Eaglesham, Glasgow G76 0EQ, Scotland, UK.

Telephone: +44 (0) 141 307 7777, Facsimile: +44 (0) 141 644 4262, Helpline: 0500 888909, E-mail: [helpline@linn.co.uk](mailto:helpline@linn.co.uk), Website: [www.linn.co.uk](http://www.linn.co.uk)

### Linn Records Limited

Glasgow Road, Waterfoot, Eaglesham, Glasgow G76 0EQ, Scotland, UK.

Telephone: +44 (0) 141 303 5027, Facsimile: +44 (0) 141 303 5007, Helpline/Mail order: +44 (0) 141 303 5029, E-mail: [records@linn.co.uk](mailto:records@linn.co.uk),  
Website: [www.linnrecords.com](http://www.linnrecords.com)

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