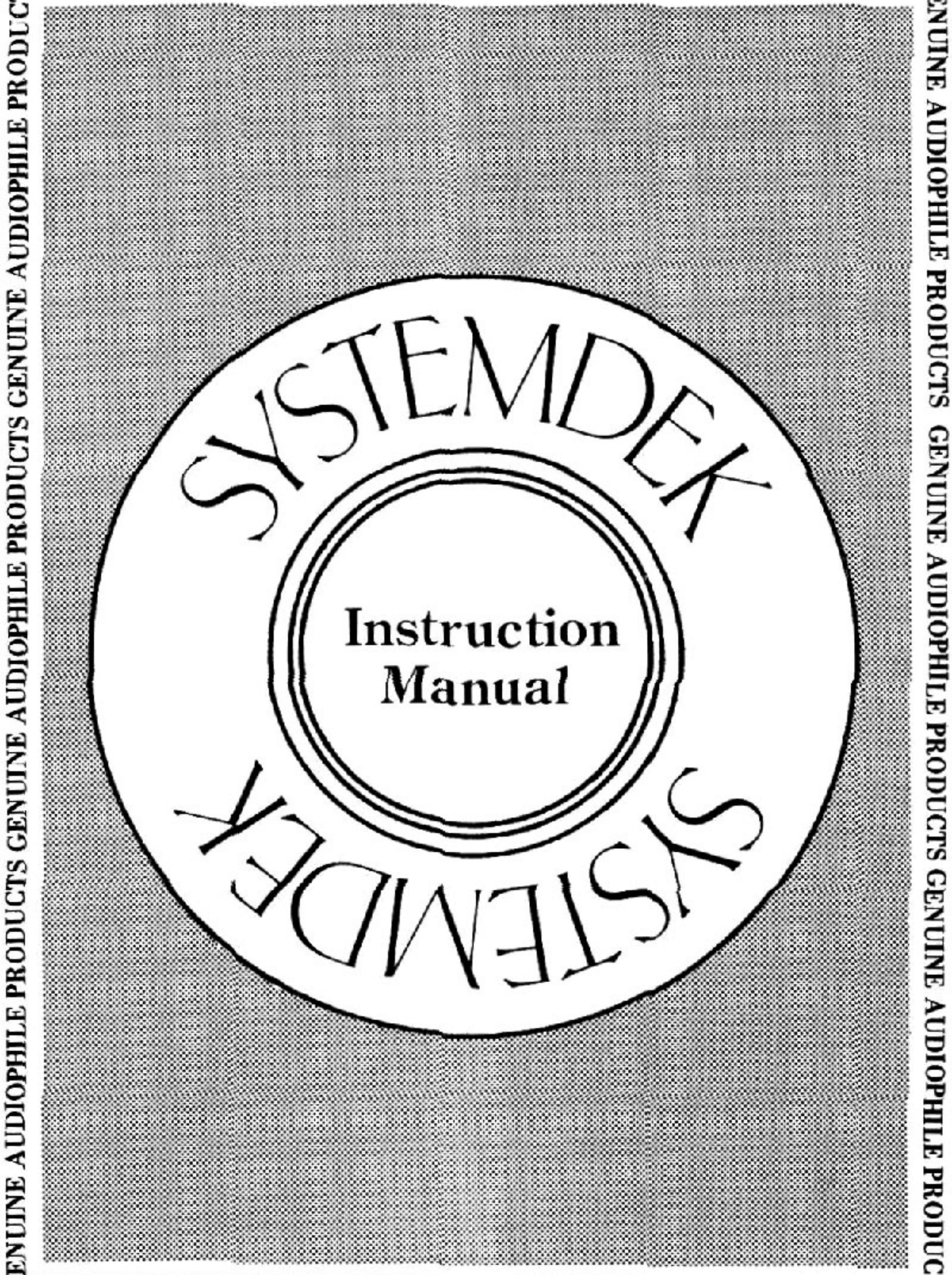


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SYSTEMDEK III



The SYSTEMDEK III is an outstanding example of audiophile signal source technology. Our listener pleasing criteria ensures that critical areas in the design are engineered beyond previous known standards and provide an unsurpassed new stable platform for disc playing systems. The integral record clamp and concave platter add new esoteric touches to incorporate the disc in the anti-resonance design requirement.

Finish: Nextel Suede Coating

SYSTEMDEK II



Borrowing many of the design features from the SYSTEMDEK III, this completely new concept of a budget turntable provides an unsurpassed opportunity for audiophiles to experience the immense benefits that a properly engineered signal source will provide. The outstanding Systemdek record clamp is available in a lightweight version to suit the suspension without upsetting the balance. This is an optional extra.

Finish: Silver and black

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The Dunlop Systemdek Model II and III

Introduction

The Dunlop Systemdek is a two speed belt drive transcription turntable incorporating numerous new acoustic engineering design features to provide a signal source of uncompromising high performance.

These features can be maintained and satisfaction assured by careful adherence to the assembly and operating instructions.

1. Unpacking

- 1.1 **IMPORTANT:** Read this manual before proceeding with further unpacking.
- 1.2 Remove the top packing to allow removal of cover and other accessories.
- 1.3 Remove further packing to expose turntable.
- 1.4 Remove drive hub packing and place hub carefully to one side.
- 1.5 Remove chassis transit plate by pressing down and turning in a clock-wise direction to clear heads of suspension pillars.
- 1.6 Remove turntable from carton and prepare for assembly.

2. Important Instructions

- 2.1 Please ensure that the main bearing does not become contaminated by dust or other foreign matter.
- 2.2 Do not attempt to dismantle any part of the turntable as it is set during production to provide optimum performance.
- 2.3 Systemdek turntables can be supplied for service on 220/240V – 50Hz: 100V – 50Hz, 110V – 60Hz or 200V – 50Hz A.C. Mains supply. Before connecting check both the supply voltage and other information on the rating plate of the unit, if required your Systemdek dealer can arrange the unit for alternative supply conditions.
- 2.4 Section 4 and 5 of this manual describes the set-up procedures.

3. Assembly

* Systemdek II only

- 3.1 Fit the three adjusting feet.
- * 3.2 Remove tone arm support from base of packing and fit to deck by passing through slot in plinth side and on under the chassis plate. Fix in position by means of the six M4 dia. screws provided, ensuring that a serrated edge washer is placed under the head of one of the screws for grounding. Please ensure that motor wires are completely clear and do not foul the sub-chassis after assembly.
- * 3.3 Fit bearing housing and fix in position by means of the three screws provided, ensuring that a serrated edge washer is placed under the head of one of the screws for grounding.

- 3.4 Inject oil into the bearing housing using the measured amount ' .8ml' in the syringe provided, and drop ball bearing into housing.
- 3.5 Fit drive hub into the bearing housing to locate on ball bearing.
- 3.6 Fit drive belt by passing round the drive hub and on to the motor pulley.
Motor pulley top groove = 33 R.P.M.
Motor pulley bottom groove = 45 R.P.M.
- 3.7 Mount the tone arm on the arm mounting board following manufacturers instructions and fit to arm support by means of two 2BA screws and washers provided. Do not tighten at this stage.
NOTE: A tone arm earthing screw is provided at the rear.
- * 3.8 Fit glass platter by locating on drive hub centre boss and pressing gently into position.
- * 3.9 Fit the record mat.
- 3.10 Connect the supply cable, either to the power outlet on the rear of the amplifier, or use a suitable adaptor to enter directly to the mains supply.

* **OPTIONAL EXTRA**

The Systemdek record clamp has been designed to complement Systemdek turntables and is a standard fitting on the Systemdek III.

4. Setting-up Procedure

- 4.1 Adjustments to the Systemdek sub-chassis are made by adjusting the spring support pillars. These are all within the area of the circular sub-chassis plate and positioned to give maximum and accurate levelling of the platter while retaining the most delicate but positive relationships necessary for the ultimate stylus interface.

Turn adjusting pillars **clockwise* to raise the platform.

Turn **anti-clockwise* to lower the platform.

PLEASE NOTE: During production the sub-chassis is set to carry an average tone arm weighing 1.1lb (0.45Kg) which ensures that further adjustment to carry heavier or lighter tone arms is kept to a minimum. At this stage also the spring positions are finalised and set. This important setting thereafter remains constant and is *protected by the patented adjustment mechanism* of the Systemdek suspension if further adjustment is made by the user.

**The direction indicated for turning the suspension adjusting pillars apply from the top and these will obviously be reversed if the adjustment is made from the bottom.*

5. Accurately levelling the platter and arm assembly

- 5.1 Before starting this final setting the Systemdek should be placed near the edge of a table or bench with the arm area overhanging and the feet re-adjusted to level the plinth. Check that the drive belt is in position.

- 5.2 The tone arm should be finally located and the audio cable dressed to give a free floating condition secured by the clamp and screws provided.
- 5.3 Assess the adjustment necessary by placing a level side to side and front to back on the platter. Turn the adjusting screws until the exact levelling of the platter is attained with an approximate 5mm space between the top of the plinth and the bottom outer rim of the platter. (The result will not only ensure optimum isolation conditions for the arm and cartridge but will also give the drive belt the correct operational tension).
- 5.4 When the operating position has been finalised the Systemdek can be moved or carried to other situations without risk of altering the setting although the feet will most certainly require re-adjusting to suit other support surfaces.
- 5.5 It is a wise procedure to remove the platter when moving the turntable.

6. Speed Change

- 6.1 A two-speed drive pulley attached to the motor spindle provides the 33 R.P.M. (top groove) and the 45 R.P.M. (bottom groove) speeds. To change speeds it is necessary to remove the platter and change the drive belt position. Removing the heavy platter from the sprung sub-chassis will obviously change the position of the drive hub and misalign the drive belt. *Correct this by turning the drive hub holding the spindle with the forefinger and thumb. **Do not lift the spindle from the bearing housing.** Now move the belt to the desired speed. Carefully replace the platter into position and start motor.
- *Please note this should only be necessary changing from 33 R.P.M. to 45 R.P.M.

7. Useful Hints

7.1 CARE OF DRIVE SYSTEM

Keep the outer (drive) rim of the sub-platter as clean as possible and handle the top stainless steel spindle only. As required de-grease the surface of the drive belt, drive pulley and drive hub then apply a little silicone wax polish to restore belt slip.

7.2 CARE OF THE BEARING

It is important to know that the bearing used is a substantial piece of engineering which could handle a much greater load than that required for our turntables and users can dismiss any notion of fatigue, wear or similar worries during the life of the unit. Some users may, however want to make an oil change, so keep the syringe. The measure is .8ml of H.P. 90 oil.

This should only be necessary due to transit loss or spillage etc.

7.3 CARE OF SYSTEMDEK III SUEDE COATING

Hand grease is the main problem and a fabric de-greaser is the best treatment for keeping this lovely material as good as new.

The dense foam packing pieces also make a useful 'duster' and may be used without fear of causing damage.

8. Spares

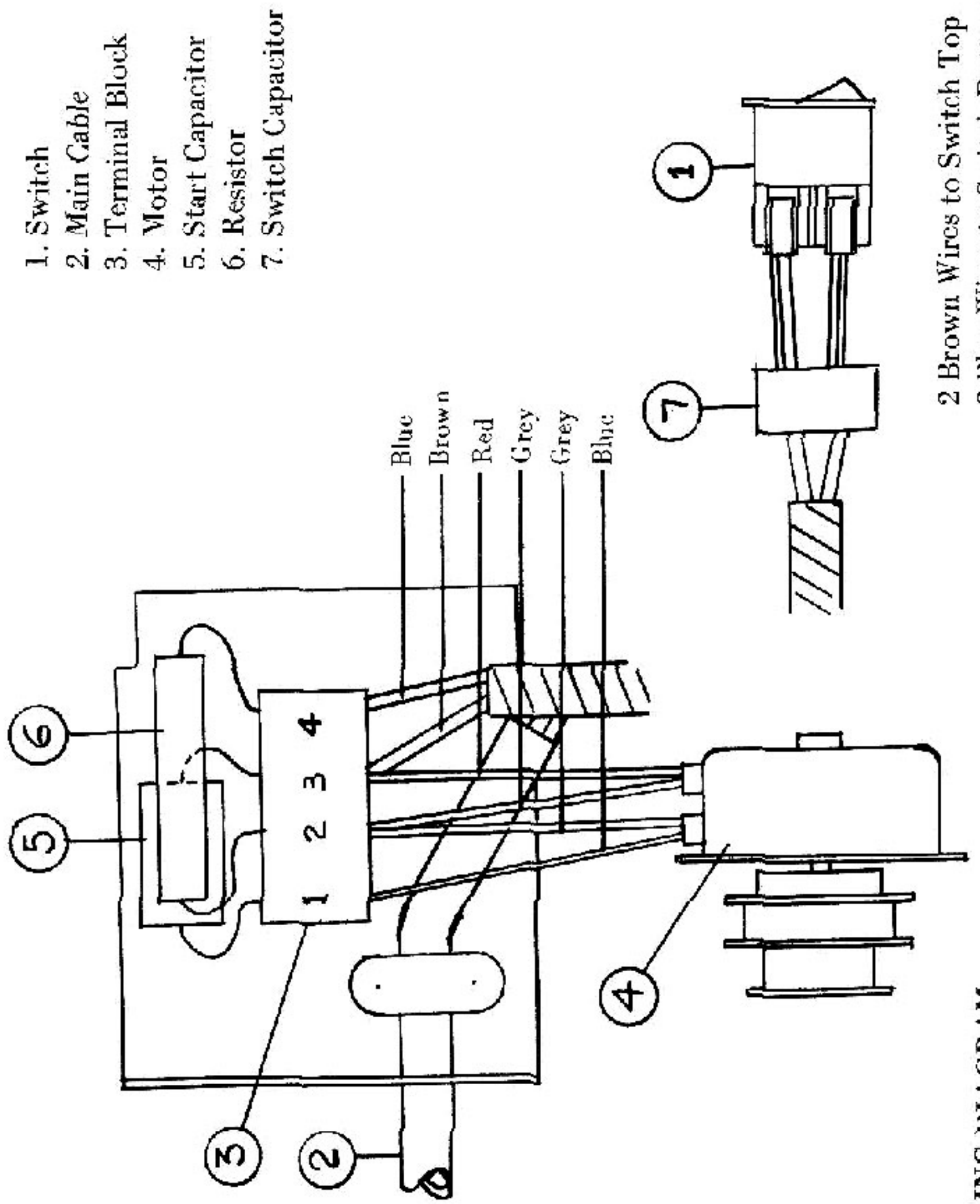
Item No.	Description	Part No.	Unit Quantity
1.	Operating Switch	7701	1
2.	Drive Belt	7702	1
3.	Bearing Housing	7703	1
4.	Spare Accessory Pack (Oil, Allen Keys, Ball Bearing)	7704	1

SYSTEMDEK II

5.	Motor and Pulley Assembly 50Hz	7705/11	1
6.	Motor and Pulley Assembly 60Hz	7706/11	1
7.	Drive Hub and Spindle	7707/11	1
8.	Platter	7708/11	1
9.	Arm Board	7709/11	1
10.	Feet	7710/11	3
11.	Platter Cover	7711/11	1
12.	Platter Felt	7712/11	1

SYSTEMDEK III

13.	Motor and Pulley Assembly 50Hz	7713/111	1
14.	Motor and Pulley Assembly 60Hz	7714/111	1
15.	Drive Hub and Spindle	7715/111	1
16.	Platter	7716/111	1
17.	Arm Board	7717/111	1
18.	Feet	7718/111	3
19.	Plinth Cover	7719/111	1
20.	Plinth Top Board	7720/111	1



SPECIFICATIONS

SYSTEMDEK III

Motor: 24 Pole precision synchronous high torque motor mounted on an anti-vibration assembly.

Power source: 220–250V 50Hz or 110–125V 60Hz.

Power consumption: 3.3VA (approx.)

Mains switch: Double Pole with noise suppressor and neon indicator.

Speeds: 33 and 45 RPM (manual change).

Drive system: Precision ground flat rubber belt.

Start-up: 4 seconds to audible stabilisation.

Platter: 10½lbs. (4.8Kg) die cast alloy unit which includes high density lambs wool matt.

Balancing specification: Better than 10.5 gram mm. x 700 RPM.

Speed drift: Nil.

Variation under load: 0.15% Ref. 1hr.

Wow and Flutter: 0.09% Din PK weighted.

Rumble: 78/77 Din 'B' weighted.

Hum level: 72dB Din 'B' weighted.

Dimensions: 460mm x 365mm x 150mm.

Weight: 22lbs (9.95kg).

SYSTEMDEK II

Motor: 24 Pole precision synchronous high torque motor mounted on an anti-vibration assembly.

Power source: 220–250V 50Hz or 110–125V 60Hz.

Power consumption: 3.3VA (approx).

Mains switch: Double Pole with noise suppressor and neon indicator.

Speeds: 33 and 45 RPM (manual change).

Drive system: Precision ground flat rubber belt.

Start-up: 2 seconds to audible stabilisation.

Platter: 3.875lbs (1.73kg) – Glass – 10mm thick.

Record matt: High density lambs wool.

Speed drift: Nil.

Variation under load: 0.15% Ref. 1hr.

Wow and Flutter: 0.09% Din PK weighted.

Rumble: 78/77 Din 'B' weighted

Hum level: 72dB Din 'B' weighted.

Dimensions: 425mm x 302mm x 112mm.

Weight: 10.75lbs (4.79kg).