

Discus™

POTTERS WHEELS

www.discuspotterswheels.com



DISCUS USER MANUAL

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The CE icon confirms that the conformity to EC standards has been met

Further copies of this guide are available from the manufacturers.

1.0 Important Safety Information

Please observe the following to ensure your safety when using the Discus Potters Wheel.

- △ Read all instructions carefully before use and keep them in a safe place near the machine for future reference.
- △ We recommend this product to be used in conjunction with a Residual Current Circuit Breaker. Do not use extension cables.
- △ This machine is designed exclusively for working clay for the production of pottery. Any other use will invalidate the warranty
- △ It is dangerous to carry out modifications to the machine or have it serviced by unqualified or unauthorised personnel.
- △ Only a qualified electrician should replace power cables. Use only parts provided by the manufacturer.
- △ Children must be supervised at all times when using this equipment.
- △ Footpedals must be used with return springs when operated by students, schools and colleges.
- △ Tie back any loose hair or clothing and remove loose jewellery before using this equipment.
- △ Do not immerse any of the units in water.
- △ Ensure the splash pan is properly drained to avoid over filling, causing water to enter the motor compartment.
- △ Never handle electrical equipment with wet or damp hands.
- △ The wheel head will continue to turn for a few seconds if the foot pedal is operated after switching off – this is due to a residual build up in the transformer.
- △ When changing the direction of rotation the wheel head must be allowed to stop for 5 seconds to allow residual build up to dissipate before operating the reverse switch (where fitted)

2.0 Preparing Your Discus for Use

1. Remove all packing materials from the Discus and dispose of the cardboard etc. at your nearest recycling centre.
2. Conduct a visual inspection of the units to ensure no damage has occurred during transit.
3. Place the Discus on a clean level surface at the correct working height. We recommend the Discus Stand (see 3.3 for assembly)
4. Ensure wheel head locating pins are not protruding unless using the Discus bat retaining system (see 9 below)
5. Arrange the foot/hand controls so they are comfortable to use. (Please note that standard foot controls are supplied with a return spring which must not be removed in schools, colleges and when working with students)
6. Before attaching the power lead to the mains outlet ensure the voltage is the same as that shown on the power control unit.
7. Connect the lead from the foot/hand control to the power unit. Connect the power unit to wheel. Connect the power unit to the mains outlet.
8. Ensure all speed controls are set to zero before switching on mains and power unit.
9. Discus wheelheads are drilled, tapped and fitted with a bat locating system consisting of two threaded pins. Using the Allen key provided unscrew the two pins until they protrude by just less than the thickness of the Discus bat. Place the bat over the pins.
- 10 Fit the Ceramic 'master bat' (where supplied) in a similar way and locate the biscuit tiles in centre.
- 11 When the Discus is supplied with a hand controller this should be fitted in place of the foot controller.
- 12 Hand Controllers – Mk1 models have three controls. The red emergency stop button if activated can be reset by turning – before resetting switch the speed preset to 0. The speed preset should be used to control the initial speed of the wheel, the joystick provides fine tuning - faster or slower. For very slow running progressively reduce the turning speed. Mk11 models have two controls, red emergency stop button as above and a speed control handle.

3.0 Maintenance

3.1 Cleaning

To clean the unit turn off and disconnect the power supply, remove the plugs and all the cables and clean the units with a damp cloth. Ensure no water enters the power unit or foot control, ensure the splash pan is not filled with water as this may cause damage to the motor.

DO NOT allow water to come into contact with the electrical connections.

DO NOT immerse any of the discus units in water.

DO NOT remove any covers on the Discus units, it contains no user serviceable parts and may invalidate the warranty.

3.2 Replacing the Batteries (Hand controllers)

Mk 1 Electronic Hand Controllers are fitted with a battery operated Joy Stick this is supplied complete with batteries (AA Min 1500 LR5 1.5v) which will require periodic replacement. They are located in the base of the hand control unit which is accessed via 4 machine screws. The unit must be switched off and the plug to the control unit removed prior to accessing the battery compartment. A competent person must replace these parts.

3.3 Discus Stand & Shelf

Discus Potters Wheels can be used on any firm surface and are fitted with non-slip feet. The Discus Stand is a simple fold flat unit which can be assembled by placing the top face down (brackets facing upwards) and the hinged sides (feet upwards) slid into place (brackets outside) The top is then secured with four screws using a screwdriver (or coin) to tighten. The shelf is designed to hook over the bowl – locate and twist the centre stop to secure. The complete unit should be wiped clean with a damp cloth.

3.4 Waste Electronic & Electrical Equipment (WEEE) Regulations (UK only)

Discus Potters Wheels are designed with an expected serviceable life of at least 25 years. We recommend the unit is returned for servicing every 5 years. To comply with UK legislation on the disposal of electronic and electrical equipment the company will refund the cost of returning the unit to them for disposal at the end of its serviceable life.

4.0 Customer Support

4.1 Helpline

Thank you for purchasing a Discus Potters Wheel. It is our mission to provide industry leading products for potters that are technically superior at a price that enables everyone to experience the pleasure of creating their own works of art, whatever their level of skill or ability.

We are committed to helping you make the most of your Discus by being available whenever you need help. Please read these instructions carefully if in doubt ask;

Call our telephone helpline: **01332 371635 (or fax)**

Support is also available via email: support@discuspotterswheels.com

4.2 Accessories

A full range of accessories is available to enhance your Discus, products include:

- Hand controllers (for special needs)
- Bats in various sizes & materials
- Ceramic bat system
- Seats
- Stands
- Whirlers
- Olympic Kilns – we are the UK distributors for Olympic Kilns of America and can offer the full range of electric, gas and Raku kilns for hobby, professional and commercial use.

To order Discus accessories or for more information on any of our products please contact your nearest stockist, see our website or call the Discus customer helpline.

4.3 Discus Around the World

Discus Potters Wheels have been manufactured for over ten years and thousands of people across the world of all abilities now enjoy using them every day. We hope you will enjoy working with your new Discus potters wheel and wish you excellent throwing results!

5.0 Health and Safety Information

5.1 Important Information

To comply with the 1989 Electricity regulations, (PAT testing) it is necessary to implement a programme of inspection and testing of all portable appliances;

Where appliances are used by employees

Where the public may use appliances in places such as hospitals, schools, colleges, clubs, workshops etc

Where appliances are supplied or hired

If a machine fails these tests, or if the tests are not carried out then a prosecution may be brought if the equipment is used. Initially testing is carried out by DLK Developments Ltd with all appliances being tested prior to dispatch. However with any subsequent testing or testing requirement, the responsibility lies with the equipments owner.

Current legislation states that ALL appliances, regardless of age, must be tested once a year. DLK Development Ltd. tests the machine before it leaves their premises. A retest date is attached to the machine. If the date is exceeded then the machine is counted as untested.

If work is carried out on the electrical system of this machine, then the machine must be retested before it conforms to safety standards.

6.0 Warranty

6.1 Guarantee Terms

Discus Potters Wheels carry a 28 day money back guarantee – If you are not satisfied with the product for any reason simply return it within 28 days of purchase in the original condition and packing, carriage paid, to the supplier and we will refund the purchase price in full.

6.2 Warranty Terms

Discus Potters Wheels carry a full **5 year warranty** on all parts including drive belts. In the event of a problem please read the instructions first before calling the helpline – If necessary the wheel should be returned carriage paid to the company – we will repair or replace it at our discretion free of charge subject to fair wear and tear and its use only in processing clay within the capacities stated.

6.3 Warranty Claims

Please record your Invoice number & Date of purchase here – we will need this information when processing a claim;

INVOICE NUMBER DATE OF PURCHASE.....