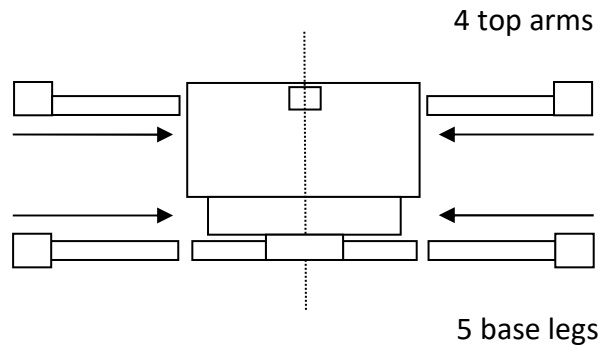


## Mini Carousel Multi-Function Turntable - Instructions for Use

### Mini Carousel Multi-Function Turntable (D-005-Mini.MF)

#### Technical Specification

- Total weight 14kg
- Diameter of turntable 450mm (without extensions)
- Height of turntable 220mm
- Power consumption 10 watts
- Fuse requirements 5 amp
- DC Motor 12 volts
- Max load capacity 150kg (300lbs)
- Max display height 1.5m (60") high
- Max display diameter 1m (40") dia.
- Speed of rotation 2 - 12 RPM



#### Please read the following completely before using your turntable:

The Mini Carousel is designed as a lightweight mains operated turntable, suitable for medium sized displays. We recommend that it should not be used for displays over 1.5m (60") diameter or 1.5m (60") high. It has a maximum evenly distributed load capacity of 150kg (300lbs). The turntable is provided with a rotating cover 450mm (18") in diameter. Bonded into this acrylic cover is a 12mm thick fire retardant MDF deck. Consequently displays can be fastened onto the top with short wood screws. Care should be taken to ensure that these screws are not too long as to pass through the top and into the internal mechanism of the turntable.

The unit is fitted with a 12 volt DC motor controlled via a multi-function control box, which has 3 different knobs with alternate roles, run mode, speed adjustment and delay adjustment.

Clockwise/anti-clockwise/oscillation/hesitation clockwise/hesitation anti-clockwise rotation are controlled via the run mode switch situated on the variable speed multi-function control box. Mode speed and delay can be altered and managed via the individual indicated knobs also on the control box.

The Mini Carousel turntable is fitted with 5amp capacity slip rings as standard. These slip rings are connected to an IEC (Ref: IEC60320 C14 Female) socket power outlet and a re-wireable free plug is supplied to suit the socket outlet. The colour coding of the wires is - Brown = Live, Blue = Neutral, Green/Yellow = Earth. A qualified electrician should fit the re-wireable plug.

#### Instructions for Use

The Mini Carousel display turntable is meant to be used in internal environments only and should be used on a flat, level surface.

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The Mini Carousel is designed for connection to a standard domestic electrical supply via the variable speed control box. NOTE: The Unit MUST be positioned such that the electrical supply plug/switch is accessible in case of emergency.

The turntable is supplied with a moulded plug fused at 5 amps. An additional fuse is fitted in the drive base cover. It is important that an earthed supply is used. Care should be taken to ensure that the cable from the slip ring power socket to the electrical goods concerned cannot become entangled or rub against the static turntable surround.

**The socket on the turntable is live when the turntable control is on (red switch).**

For larger displays (over 600mm diameter) we recommend that the removable arms and legs supplied with the turntable are utilised. The five legs fit into the base as shown and the four arms into the top. These are telescopic and should be equally extended out to the diameter required. Ensure that the turntable is disconnected from the mains supply before fitting these. Check around the turntable to make sure it can revolve without obstruction. For heavier and larger loads the maxi plus carousel should be considered.

### Continuous Rotation

When set for continuous rotation in either clockwise or anticlockwise direction the magnets will be ignored, allowing the mini carousel to rotate at the set speed.

### Oscillation

***In oscillation mode, the dynamic characteristics are heavily affected by the size and weight of the display. For displays heavier than 50kg it is recommended that the display diameter is less than 500mm.***

The oscillation mode allows the carousel to rotate in a clockwise direction followed by an anti-clockwise direction once passing the magnets set at the preferred distance. A suitable number of magnets can be placed along the Velcro which will determine the number of oscillations taking place after passing the switch (located on the inside). When turning on the carousel it will rotate in the starting direction at set speed up until it reaches the magnet, it will then stop in its delay and reverse direction. The use of just one magnet will result in a rotation a little over 360 degrees.

To achieve a complete 360 degree oscillation two magnets may be required at a suitable distance apart. A higher load oscillating too fast will cause a greater overshoot meaning the oscillation will not work.

### Hesitation

The multi-function control has two individual modes for hesitation, one for clockwise and the other anti-clockwise. Once the carousel has been turned on it will rotate at set speed and hesitate once the magnet passes the switch (located on the inside). It will then hesitate to the set delay on the control box and then continue in current path.



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### If your turntable does not work check the following:

1. Switch off immediately and disconnect from the mains supply.
2. Check the rotating display is not catching a static obstruction.
3. Ensure that the turntable is not overloaded, and is positioned on a firm level base.
4. Ensure that the display load is balanced on the turntable.
5. Check fuse in the mains plug.
6. Ask a qualified electrician to check the mains supply outlet.

Should your turntable revolve satisfactorily without a display, but not with, it is probable that your unit is either overloaded or is catching a static obstruction on the periphery. Should you still experience any problems then please contact Movetech UK. Do not attempt to service the turntable yourself. Our Sales and Technical staff are always happy to give further advice.

### Declaration of Conformity

**Model:** D-005-Mini.MF

**Manufacturer:** Movetech UK, a trading name of British Turntable Company Ltd.

**Address and Place of Issue:** Emblem Street, Bolton, Lancashire, BL3 5BW, United Kingdom

All British Turntable Company Limited products are manufactured and assembled, where appropriate, to the Machinery Directives 2006/42/EC and amending Directive 95/16/EC, the Low Voltage Directive 2006/95/EC and the Electromagnetic Compatibility (EMC) Directive 2004/108/EC.

**Declaration:** I declare that as the Authorised Representative, the above information in relation to the supply/manufacture of this product is in conformity with the stated standards and other related documents following the provisions of relevant directives and amendments.

**Name of Authorised Representative:** Mr. T. Entwistle  
**Position of Authorised Representative:** Managing Director

