

CAMPDEN INSTRUMENTS LIMITED

INSTRUCTION MANUAL

FOR

863M

MOTORISED RUNNING WHEEL



Campden Instruments Limited
4, Park Road,
Sileby
Loughborough
LE12 7TJ
UK

Tel: (+44) 01509 814790
Fax: (+44) 01509 817701
email: mail@campden-inst.com

October 1998

The information provided in this document is intended to be a guide on how to use the 863 Motorised Running Wheel safely and effectively and is subject to change without notice. Campden Instruments does not accept liability for any damages arising from this document or the information contained in it. Campden Instruments will not accept liability for damages arising out of misuse of this instrument.

Read and understand this instruction book before using the instrument. Only competent and capable personnel should use the instrument.

The information contained in this manual is the property and copyright of Campden Instruments Limited and may not be transmitted or reproduced in part or in whole without the written permission of Campden Instruments.

This document should be retained for future reference as it contains the name and address of the manufacturer within the EC.

PACKAGING

Please retain original packaging for future use.

Instruments will not be accepted for service or repair unless the unit is returned adequately and properly packaged.

Campden Instruments,
4 Park Road,
Sileby,
Loughborough,
Leicestershire,
LE12 7TJ
U.K.

Telephone: (+44) 0150 9814790
Fax: (+44) 0150 9817701
e-mail: mail@campden-inst.com

INTRODUCTION.

The Campden Instruments 863 Motorised Running Wheel has been designed for use with small rodents and must not be used for any other purpose.

This instrument must not be operated unless it is adequately earthed (grounded).

All electrical instruments and equipment should be periodically tested to ensure they remain safe to use. In some countries this may be a statutory requirement. Your local Health and Safety Executive (or equivalent) will be able to advise on this matter.

The unit contains no user-serviceable parts. Contact your dealer or Campden Instruments if you require assistance.

Operation

Operation is very simple provided the following instructions are observed.

The rodent entry door is positioned on the right hand side of the unit. Ensure that the door is properly closed and latched before setting the wheel in motion.

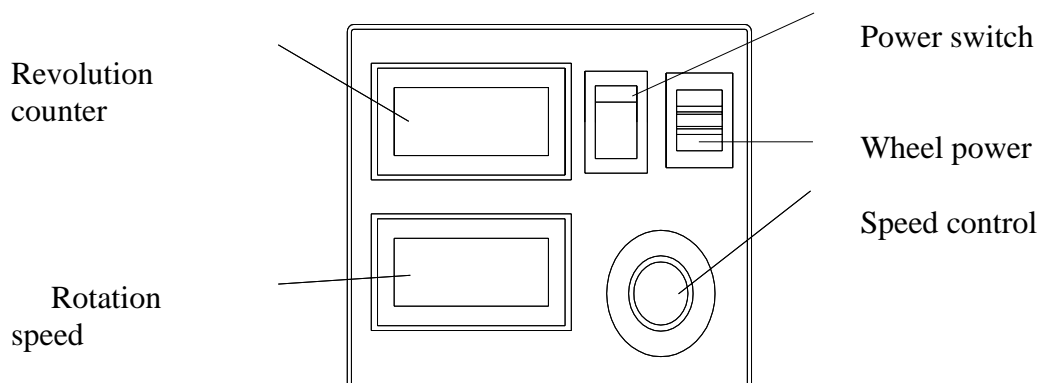
The operating panel on the left hand side of the unit is shown in fig. 1.

The mains switch is illuminated when the unit is switched on.

The rotary potentiometer controls wheel speed and the lever switch on the right of the panel engages (or disengages) the motor drive. To start the wheel move the lever to its down position. To stop the wheel move the lever to its up position. Ensure that the wheel has completely stopped before opening the door.

The upper LCD display shows the number of revolutions through which the wheel has turned since the last time the reset button was pressed; an internal battery will store the count even when the unit is switched off. To reset the count, press the button in the lower centre of the display.

The lower LCD display shows the number of rate of wheel speed in revolutions per minute. The display has a time base of 6 seconds; i.e. the display is updated every 6 seconds. The speed should therefore be allowed to stabilise for at least this period of time before a reading is taken.



Maintenance

The robust construction of the unit means that little maintenance is necessary apart from keeping it clean.

Specifications

Wheel diameter:	160 mm
Pitch circle dia. of rungs:	152 mm
Pitch circle circumference of rungs:	477 mm
Number of rungs:	60
Maximum speed:	60 rpm
Direction of rotation: (factory set)	Clockwise or counter clockwise
Power requirements: (factory set)	220V/240V, 50Hz 110V/130V, 60Hz
Permissible Voltage Tolerance:	+10%, -6%
Current Consumption:	0.09A (Average)
Power Ratings:	20W
Fuse Ratings:	220V/240V ac, 250mA, type 'T' 20mm 110V/130V ac, 500mA, type 'T' 20mm

For further information contact;
CAMPDEN INSTRUMENTS LTD,
4 PARK ROAD,
SILEBY,
LOUGHBOROUGH,
LEICESTERSHIRE LE12 7TJ.
UK.

Telephone: (+44) 0150 981 4790
Fax: (+44) 0150 981 7701
e-mail: mail@campden-inst.com