

MODEL SELECT SINGLE TRACK CONTROLLER

WARNING: - THIS APPLIANCE MUST BE EARTHED. FOR INDOOR USE ONLY.

The controller should be regularly examined for potential hazards such as damage to the casing, cable or plug. In the event of any damage, the unit should not be used until the damage has been repaired. The unit should not be opened as it has no consumer repairable components. A repair service is available at the address shown below.

MAINS CABLE:

This unit is supplied fitted with a 3 amp fused plug. If this plug is not suitable for your supply, another plug must be fitted in the following manner:-

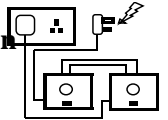
BLUE: To the small pin marked 'N' or coloured **Black**.

BROWN: To the small pin marked 'L' or coloured **Red**.

GREEN/YELLOW: To the large pin marked 'E' or by the symbol \perp

If any other type of plug is used, a 3 Amp fuse must be used in the mains circuit. If in doubt consult an electrician.

CAUTION: It is very important that the outputs of two or more control units are not connected together in parallel i.e. outputs linked. If done, there is a risk of electric shock from a plug not inserted into a socket.



CONNECTIONS TO TRACK: Connect the terminals marked "Track" i.e. common and 1 amp. or common and 0.3 amp. as required to the section of track you wish to operate reverse wires if the locomotive travels in the wrong direction. Track outputs are suitable for Cab Control and Common Return wiring. Please ensure tracks/sections are correctly isolated from each other. The outputs of two or more control circuits must not be connected in such a way that both wires may accidentally be connected together, i.e. through switches or points, etc.

ACCESSORIES: The "24v AC Accessories" terminals are for use with point motors and other AC electrical accessories, but are not suitable for Common Return wiring with the DC outputs. When used for point motors it is advisable to use a Capacitor Discharge Unit (CDU) to ensure successful operation.

OPERATION: The output on your GAUGEMASTER controller is fitted with a vari-colour LED. At zero output the LED will glow red, and dependant upon the control level selected, will change colour through the range of red to orange and then green. Should the LED remain red, or change immediately from any other colour to red, then an overload condition has occurred and the unit has 'tripped'. Having investigated and rectified the overload condition the unit should be reset in accordance with the instruction below. Please note that whilst a tripped condition exists it may be possible to measure a small no load voltage at the output. This is normal. The vari-colour Led **WILL NOT** change colour when tripped in the 0.3 mode.

Each output is protected by resettable circuit breaker. Should an over load condition occur the LED will glow red, and remain so irrespective of the output level set on the controller (See OPERATION). To reset the unit, having first investigated and rectified the reason for the overload, turn the appropriate control knob to zero and wait approx. 30 sec. before using the equipment as normal.

CONTROL: Your new controller has two knobs marked Track and Attenuator both of which have an effect on the output. The Track knob will vary the power to the track from 0 to 100 through a 300-degree turn with the attenuator governing the total volts available at the track knob. The attenuator is marked 0 to 10 (min, max) which refers to 0 to 12 or 17 volts possible output. The output can be reversed via the forward and reverse switch with a off position in the centre. The maximum output can also be selected via the 12-17 switch with a green light above the attenuator control illuminating when in the 17 volt mode, this mode is useful when running heavy, high speed trains to scale speeds or in situations where more volts are required.

This unit is suitable for use with all types of motors, including Portescap, and High Frequency Track Maintainers.

CAUTION – THE 17V MODE IS NOT RECOMMENDED FOR 'N' GAUGE OR STEAM OUTLINE LOCOMOTIVES AND IS ONLY TO BE USED AT THE OWNERS DISCRETION.

GUARANTEE: We undertake to replace, free of charge, any parts found defective within the lifetime of the unit, providing the item has not been tampered with and parts are still available for such a repair. This guarantee covers only the supply of replacement parts, labour cost for fitting of same and the cost of returning the unit to the customer or retailer. This Guarantee does not affect your Statutory Rights. We reserve the right to vary design or specification without notice.

CONSTRUCTED TO EN60 742

A CATALOGUE ON THE FULL RANGE OF GAUGEMASTER PRODUCTS IS AVAILABLE

GAUGEMASTER CONTROLS plc. Gaugemaster House, Ford Road, Arundel, West Sussex, BN18 0BN.

Tel. No: 01903 884321. Fax. No: 01903 884377. E-mail: gaugemaster@gaugemaster.co.uk. Web site: www.gaugemaster.com

Registered in England. Reg. No: 2714470.