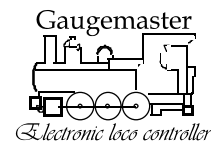


GAUGEMASTER®

MODEL HH SINGLE TRACK CONTROLLER



WARNING: - THIS APPLIANCE IS 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 and the unit should not be opened as it has no consumer repairable components. A repair service is available at the address shown below.

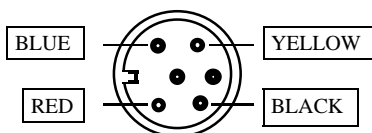
The model 'HH' controller is designed to be used as an independent controller with a transformer or in conjunction with the GAUGEMASTER model '100M'. When the unit is powered from the accessory outlet on an existing controller, care should be taken to ensure correct track isolation of the new section. Gaugemaster double wound transformers Types 'T1 or M1' are recommended.

INSTALLATION: Connect the 4-core cable as follows:

RED/BLACK to TRACK – Output 0 – 12v DC @ 1 Ampere maximum
Reverse track connections for direction as necessary.
BLUE/YELLOW to Supply – Input 14 – 18v AC @ 16VA maximum.

For convenience on the layout the model 'W' controller may be fitted with a plug (GM75) for use with a Gaugemaster 100M controller. The Pin layout for the GM75 Din plug is shown below, and it is recommended that this configuration is also used when wiring in the GM75 Din plug and socket but remember the socket will be a mirror image.

One each 6-way DIN plug and socket are available from GAUGEMASTER as order code GM75.



PLUG VIEWED FROM REAR

OPERATION: Operate the output control knob and observe the track supply indicator LED that should vary in brightness with the output voltage. Turn the output control knob to off and locate a suitable locomotive onto your track. Slowly apply power using the output control knob. Reverse the DC output connections if the locomotive travels in the wrong direction. 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 a short circuit occurs, i.e. through switches or points, etc. The output is protected by resettable circuit breaker. Should an over load condition occur the LED will not light up, and will 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 control knob to zero and wait approx. 2 minutes before using the equipment as normal.

FEEDBACK:

GAUGEMASTER feedback controllers feature a pulsed design, with excellent low speed running and Constant Speed over points, around curves and up and down gradients. A degree of motor heating and noise may be experienced with sustained low speed running. Not suitable for coreless motors such as Portescap or poor quality "N" gauge motors. This unit is suitable High Frequency Track Maintainers.

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.

Not suitable for children under 14 years unless supervised by an adult.

GAUGEMASTER CONTROLS PLC
Gaugemaster House, Ford Road, Arundel, West Sussex, BN18 0BN.
Tel. No: 01903 884321 Fax. No: 01903 884377
Registered in England. Reg. No: 2714470.

