

# GAUGEMASTER®

## MODEL UDS DUAL TRACK PANEL MOUNT CONTROLLER WITH INERTIA AND BRAKE

### **INPUT:**

This unit requires a supply of 16V AC at 1 amp. 16 - 20VA per track.  
Recommended supply - Gaugemaster 'M1'

### **OUTPUT:**

This unit will supply 12V DC at 1 amp maximum per track.

### **CONNECTIONS:**

Connect the terminals marked "Input 16v AC" to your supply transformer. One track per winding.

Connect the terminals marked "Track 12v DC" to the section or track you wish to operate. Reverse wires if the locomotive travels in the wrong direction. 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, e.t.c.

All outputs are protected by a protection circuits and if overloaded some or all power may be lost at which point the unit should be set to zero for a few minutes in order to reset itself, please note this will not happen if a fault is still present.

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

### **OPERATION:**

**DIRECT CONTROL** - Simulator switch set to "OFF". Locomotive responds directly to the regulator control.

#### **INERTIA SIMULATION:**

**STARTING** - Simulator switch set to "ON", Brake control set to "OFF". Turn regulator to desired speed, and the locomotive will gradually accelerate away.

**COASTING** - Turn regulator to "OFF" position with Brake control set to "OFF". Locomotive will gradually coast to a stop.

**BRAKING** - Turn brake control towards "ON" position, leaving regulator in normal open position, and the locomotive will gradually stop. Emergency stop obtained by turning brake control fully "ON". Leaving the regulator open with the brake on is quite normal. Locomotive will gradually return to running speed when brakes turned to "OFF".

### **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.

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A CATALOGUE ON THE FULL RANGE OF GAUGEMASTER PRODUCTS IS AVAILABLE

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