

# GAUGEMASTER®

## MODEL UDF DUAL TRACK PANEL MOUNT CONTROLLER WITH FEEDBACK

### **INPUT:**

This unit requires a supply of 16V AC at 1 amp. 16 - 20VA per track.  
Recommended supply - Gaugemaster 'M1' x 2.

### **OUTPUT:**

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

### **CONNECTIONS:**

Connect the wires coloured **Blue & Yellow** to your supply transformer. One track per transformer.

Connect the wires coloured **Red & Black** to the sections or tracks you wish to operate. Reverse wires if the locomotive travels in the wrong direction on either track. 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.

**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.

### **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

GAUGEMASTER CONTROLS PLC Gaugemaster House, Ford Road, Arundel, West Sussex, BN18 OBN.

Tel. No: 01903 884321 Fax.. No: 01903 884377

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