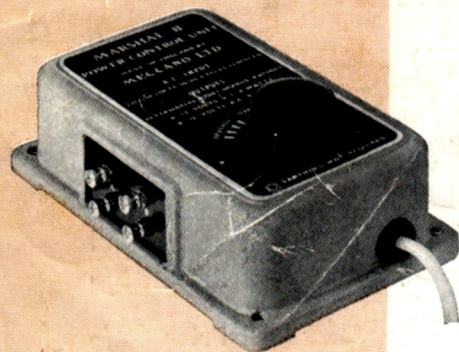


HORNBY MAINS UNITS



The best method of running a tractive-type mechanism is by a Hornby (Marshall) Power Control Unit connected to A.C. mains. Two types are available. Both are reliable, efficient, and economical.

No. 1100 HORNBY (MARSHAL) II POWER CONTROL UNIT

For the control of low-voltage D.C. Motors. For use with A.C. mains supply only. Input 220/250 volts 50/60 cycles.

Two Outputs: (supplied from a common secondary winding)

A. 12 volts D.C. (controlled) for operating a tractive-type motor.

B. 15 volts A.C. for operating motivated accessories or accessories equipped for lighting.

Note: Both outputs can be used simultaneously.

Suitable for use on all domestic wiring systems (two-pin, three-pin, and ordinary light sockets) with COMPLETE SAFETY. Provided with double insulation. Earthing is not necessary. Double-checked, inspected and tested for operational ability, insulation, and short-circuit protection. Shockproof. The unit is ten times safer than normal domestic installations. Overall dimensions $7\frac{1}{8}'' \times 4\frac{1}{8}'' \times 2\frac{3}{8}''$. Unbreakable die-cast case.

Price 49/6

No. 1120 HORNBY (MARSHAL) III POWER CONTROL UNIT (with Pulse Power)

For the control of low-voltage D.C. Motors.

For use with A.C. mains supply only. Input 230/250 volts 50/60 cycles.
Three Outputs:

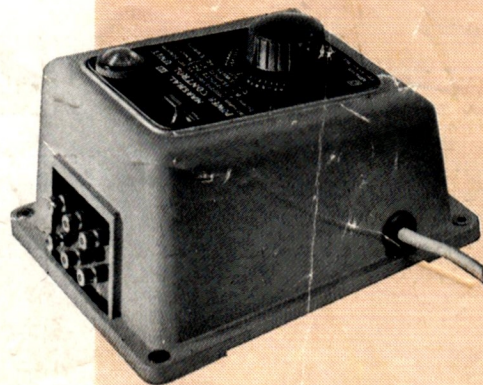
A. 12 volts D.C. (controlled) for operating a tractive-type motor. Pulse power is available over the full range of control on this output.

B. 15 volts A.C. for accessories.

C. 15 volts A.C. for special accessories and/or separate controller. This output is completely isolated, assuring independent control.

Suitable for use on all domestic wiring systems (two-pin, three-pin, and ordinary light sockets) with COMPLETE SAFETY. Provided with double insulation. Earthing is not necessary. Double-checked, inspected, and tested for operational ability, insulation, and short-circuit protection. Shockproof. This unit is ten times safer than normal domestic installations. Overall dimensions $6\frac{3}{4}'' \times 6\frac{1}{2}'' \times 4\frac{1}{4}''$. Unbreakable die-cast case.

Price 75/-



**Made and Guaranteed by
MECCANO LTD. — BINNS ROAD — LIVERPOOL**

HORNBY CONTROLLERS

No. 1041 HORNBY (MARSHAL) CONTROLLER

Input 15 volts A.C.

Output 12 volts D.C.

This controller has been designed for use with the Hornby III Power Control Unit, and when connected to the 'C' output terminals (15 volts A.C.) of that Unit it will enable the operator to run a second tractive-type mechanism. The method of operation is similar to that of the Hornby III Unit, with eight forward and reverse speeds. For really fine speed control pulse power has been incorporated, and the complete control mechanism is housed in a strong plastic case. The input terminals can also be connected to either the 'X' or the 'Y' output terminals (15 volts A.C.) of the T15 Safety Transformer.

Price 35/-

No. 1060 T15 SAFETY TRANSFORMER. Input: 220/250 cycles.
Outputs: (x) 15 volts 9 VA. (y) 15 volts 6 VA.

Price 42/-

No. 1080 HORNBY BATTERY CONTROLLER

Where low initial outlay is a requirement for running tractive-type mechanisms, the use of dry batteries as a source of power can be recommended, and the Hornby Battery Controller is a most effective unit.

This simple but reliable Controller is arranged for mounting on to the tops of three $4\frac{1}{2}$ volt dry cell batteries of one of the following recommended types: Drydex H30, Ever Ready 126, Vidor V 0008.

The Controller provides a central 'off' position, and three speed positions in either a forward or reverse direction when controlling an electric mechanism. Moulded in polystyrene.

Price 5/- (excluding batteries)

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MECCANO LTD. — BINNS ROAD — LIVERPOOL**

