PILOT ONE Ltd

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The kit comprises:-

Interface/control unit
3 Light beam kits
Software package (cassette)
Manual with full instructions.

The RAILWAY CONTROLLER provides a simple method of connecting a model railway to the B.B.C. micro. The control unit has relay outputs to independently control the directions of the engine. Two outputs are available for connecting points, uncoupling rails or other track elements. The engine circuit is fed from a separate power line so that speed can be controled using a standard train transformer. The track elements can be supplied with the usual set power supply. The software pulses the power to the points to protect the motor drives.

The long connecting leads can either be soldered directly onto the motor contacts or if motors from LEGO(r) or fischer-technic(r) are used the special motor plugs can be used to terminate the wires as directed in the manual.

Sensor lines are provided for feedback control in programs. The 3 lines terminate on polarised 4 pin connectors. These connectors provide a power source for light beam sensors and both 5V and ground lines compatible with a range of sensors available from PILOT ONE. The 3 light beam kits provided with the control unit can be used to sense the position of the train. If there is a space between the trucks or carriages it will be able to count the number of carriages and stop the train at the correct place when it reaches the station.

A full software package contains a menu driven program that allows control from the keyboard. Alternativly a shunting sequence for the train can be planned on the screen, filed and executed. A full set of BASIC procedures is provided to allow the user to build his own drive routines. In this way the software can be easily "customised" to meet an individuals requirements.

PRICE   IN/1001/RC   £39.50   (excluding V.A.T.)
                                        Post and package £2.00 in U.K.

PILOT ONE reserves the right to change specifications and prices without notification to customers.

COMPUTER
TRAIN
DRIVER