



23-2-76 EPL

MICRO 8

Micro 8 is an 8 channel 4 dimmer lighting Control system. It is designed for portable use or permanent installation. It is housed in a flame-retardant ABS case which can be stood on a table or screwed to a wall. It will control up to 8KW of direct or transformer-fed tungsten or tungsten-halogen lighting loads.

Power Input: Maximum 40 amps, single phase with Neutral and earth, 220/240 volts, by a 3 core 6 square mm. cable.

Installations with less than 8KW of connected load can use smaller supplies, e.g. up to 3KW from a 13 amp socket. A circuit breaker is provided on the front panel, which can be used to turn the system off, or for DEO.

Loads : The maximum load per outlet is 1KW.  
The load connections are round pin 5 amp sockets on the rear panel, numbered 1 - 8.

Fusing : The outputs are individually fused using 5A 20 x 5 mm HRC fuses. The control circuitry is protected by a 250 mA 20 x 5 mm fuse. All fuses are mounted on the front panel.

Interference Suppression:

Each Micro 8 unit is RFI suppressed to BS 800, VDE 0875, and C1SPR.

Dimming Law: The dimming characteristic is similar to standard STM

Operation : Each load socket is connected to a 3 position switch, allowing it to be turned off, controlled by its dimmer, or turned on.

The 4 dimmers (A,B,C,D) control socket pairs (1 & 2, 3 & 4, 5 & 6, 7 & 8 respectively) when the sockets are switched onto the dimmers.

The intensity is set by a single fader per dimmer.

A Master fader is provided, giving a "broomstick" type fade of all 4 channels between zero and their preset level.

- Options :
- a) Standard desk-top unit, supplied with power input cable.
  - b) Wall mounting unit, fitted with flexible conduit gland, and front panel reversed.
  - c) As b) socket panel replaced by termination box for permanent load wiring.