

Fade 4

IMPORTANT

Installer and Users please note:

These instructions should be read carefully and left with the user of the product for future reference.

Installation.

Connect the FADE 4 to a dimming slave pack such as the DP10000 or DP10000x as follows:

0V - to Slave pack 0V terminal.

V+ - to the Slave pack power supply terminal, any voltage between +15V and +24V (the +15V Terminal on the DP10000)

Connect the slider outputs 1, 2, 3 and 4 to the analogue inputs of the slave pack (Numbered 1, 2, 3 and 4)

Don't forget to connect the "Enable" terminal in the dimmer pack - see the instructions for the dimmer pack.

If the cable to the slave pack is longer than 10m or runs close to mains cables (particularly the outputs of the dimmer pack) then use screened cable, and connect the screen to earth in the dimmer pack. Otherwise 6-core unscreened cable can be used, the type used for burglar alarm installation is particularly suitable.

The FADE 4 can be fitted to a standard surface mount or flush fitting mounting box using the four M3.5 screws provided. Use a MK893ALM mounting box.

Operation:

Moving the slider upwards increases the brightness of lamps connected to the corresponding channel of a 0-10V controlled dimming pack. Moving the slider downwards reduces the brightness.

In conjunction with the DP10000 or DP10000x the Fade 4 can control the brightness of filament lamps, the output of heaters, or the speed of universal motors.

In conjunction with a 1-10V controlled fluorescent lamp ballast it can be used to dim fluorescent lighting.

The Fade 4 cannot be used to control the speed of induction or synchronous motors.

If using "electronic" transformers for low-voltage halogen lamps, make sure that they are suitable for dimming before connecting them to the dimming pack.

Technical Specification

Dimensions:	133.5mm x 133.5mm x 41mm
Fixing Centres:	120mm x 60mm
Weight:	0.15kg
Power requirements:	+15V to +24V DC
Current:	5mA @ 15V DC 14mA @ 24V DC
Output:	0 - 10V DC

Standards

Complies with En55103 (EMC standard)

The Fade 4 is a Class III product (protection by safety extra-low voltage)

Guarantee

This product is guaranteed for a period of 12 months against faulty components or manufacture from the date of purchase. Upon proof of purchase, NJD shall, at its own option, repair or replace the defective item at no cost to the purchaser.

This guarantee is contingent upon the proper use of the product in the application for which it is intended and does not cover products that have been modified, subjected to unusual physical conditions, or electrical conditions outside its specification, or damaged in any way.

This guarantee is limited to the product only and does not cover carriage costs, installation costs or travel expenses. Your statutory rights are not affected.

In the event of any problems with this product contact the retailer from which it was purchased for technical assistance, or e-mail technical@njd-electronics.demon.co.uk

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