

Logic S12lv

Features of the Logic S12lv

- 12 individual LATCH and FLASH touch pads
- Safety Extra Low Voltage operation
- Master-Slave operation on any channel.
- Individual LED indication
- Interference free switching when used with NJD power packs
- Needs no separate power supply

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 Logic S12lv to a switching power pack such as the SP10000 or SP10000x using the 7-pin DIN socket on the rear panel. Pin connections are as follows:

Pin 1	Channel 1	Channel 5	Channel 9
Pin 2	OV	OV	OV
Pin 3	Channel 4	Channel 8	Channel 12
Pin 4	Channel 2	Channel 6	Channel 10
Pin 5	Channel 3	Channel 7	Channel 11
Pin 6	+15V supply from power pack or AC input.		
Pin 7	+15V supply from power pack or AC input.		

The +15V output from the power pack should be connected to either pin 6 or pin 7, it is not necessary to connect it to both. If the Logic S12lv is connected to 3 power packs, connect the +15V output from all 3 power packs to the Logic S12lv.

If no +15V supply is available from the power pack that is being used, then use a 15V DC unregulated power supply rated at 300mA, the type that plugs directly into a 13 Amp socket would be ideal; connect positive to pin 6 or pin 7 and negative to pin 2 of any of the DIN sockets. Alternatively, a 12-0-12 V transformer rated at 250mA could be used: connect one of 12V wires to pins 6, the other to pin 7 and OV to pin 2 of any of the 7-pin DIN sockets.

To achieve sufficient sensitivity on the touch pads, it may be necessary to provide an earth connection. If this is found to be necessary, connect the OV terminal in the slave pack to the mains earth terminal.

Operation.

Twelve way Switching

Conventional twelve-way on/off switching is achieved by using the latch pads: touch once to turn an output on, touch again to turn it off- the red LED illuminates to mimic the output.

The flash pads provide momentary operation.

Master/Slave operation.

Any one of the twelve channels can be used as a Master. Touch and release the latch and flash pads of the required channel together, and the channel selected will turn on and all other channels will turn.

To cancel Master/Slave operation, touch and release the latch and flash pads of the master channel together again. If the latch pad is released first, then the channel that was used as master will turn off when Master/Slave operation is cancelled. If the flash pad is released first, the Master channel will remain on.

NOTE: If the Logic S12lv has outputs on and appears not to be responding when pads are touched, it has been inadvertently placed in the MASTER/SLAVE mode. Touch both latch and flash pads of a channel that is on in order to return to normal operation.

Standards.

The Logic S12lv is a S.E.L.V (Safety Extra Low Voltage) product (Class III insulation) Contact with any internal or external parts presents no danger of electric shock.

Fascia panel dimensions and fixings comply with international standard EN60297.

Technical Specification.

Size:	483×89×35mm (19"×3½"(2U)×1½")
Weight:	1.4kg
Minimum mounting depth:	80mm
Indicators:	12 red LEDs
Outputs:	+10V DC = on, 0V = off
Power requirements:	+15V at 100mA AC or DC
Connections:	7-pin DIN sockets

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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