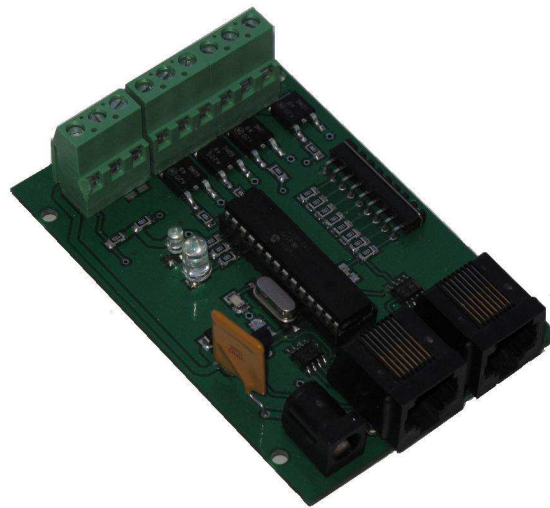

N-Sync Mini DMX Decoder

Product Datasheet



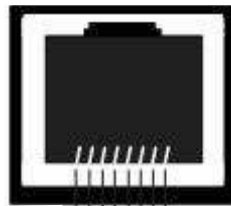
Key Features

- Low Cost Open Frame Construction
- Decodes 4 DMX Channels
- Ideal companion to RGB, RGBW and White LED Lights
- Decodes DMX512 - 1990
- Can also be used as a standalone dimmer
- 12v Input Via 2.1mm Socket
- Buffered DMX Out Signal
- Flicker-Free TV Ready > 400Hz Modulation
- Total Max Power Output: 100W
- Switch Override Inputs
- RJ45 Connections For DMX
- 5mm Screw Terminal Blocks for Easy Connection
- Size 92mm x 61mm

Electrical Characteristics

Recommended Operating Voltage	Typical Operating Current	Typ Operating Power (W)
9 - 12vdc	80mA	1.0W

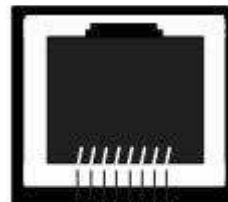
Connection Details



8 7 6 5 4 3 2 1

DMX Input

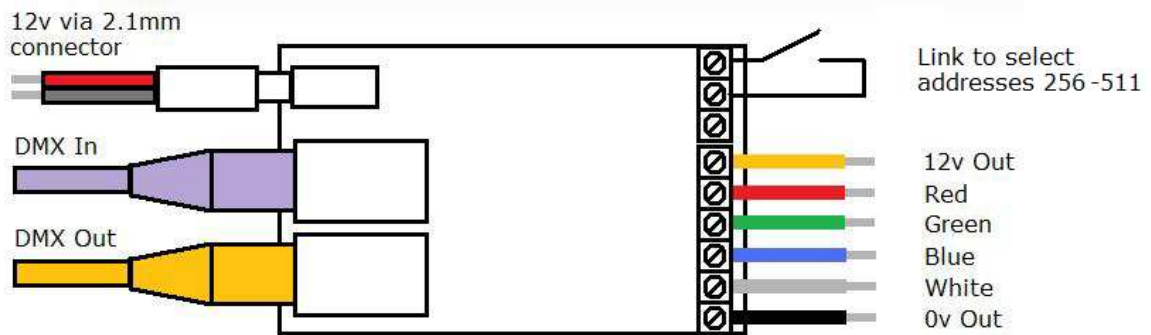
- 1 DMX-
- 2 DMX+
- 4,6 0v
- 5 +12v



8 7 6 5 4 3 2 1

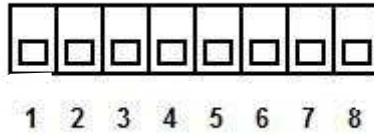
DMX Output

- 1 DMX-
- 2 DMX+
- 4,6 0v
- 5 +12v



Selecting The Base Address

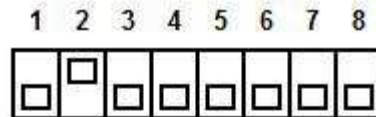
The DMX Decoder gets its base address from the Switch marked 'Base Address'.



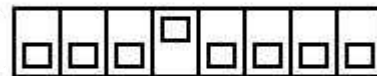
The switch is encoded in binary as follows. The base address is formed by adding up the total binary numbers represented by each switch position thus:

Switch Position	Number
1	1
2	2
3	4
4	8
5	16
6	32
7	64
8	128

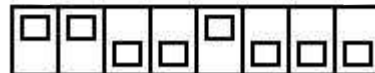
Base Address = 2



Base Address = 8

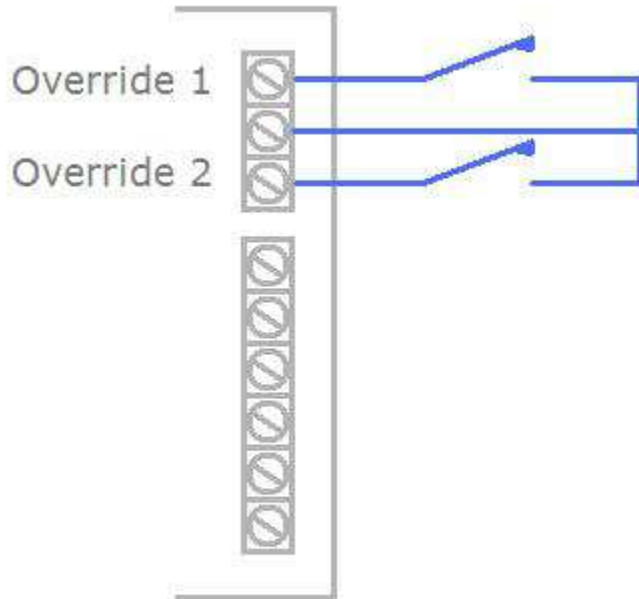


Base Address = 1+2+16 = 19



Using The Override Switch Inputs

The wiring is as follows:



The override buttons are designed to connect to switches or links. The standard programming ignores override 2. Override 1 adds 256 to the base address.

Status LEDs

When the unit is powered the LED will blink. When it is actively decoding DMX the red LED will illuminate continually.

Warranty

12 months from date of purchase. For product support, please contact info@ledlightingproducts.co.uk

Product Disposal

When you eventually decide to update or upgrade this product, do not dispose of it with your normal household waste or at a local amenity tip. You should either take it to a recycling centre or return it to the retailer from which you bought it where they will arrange for it to be recycled.