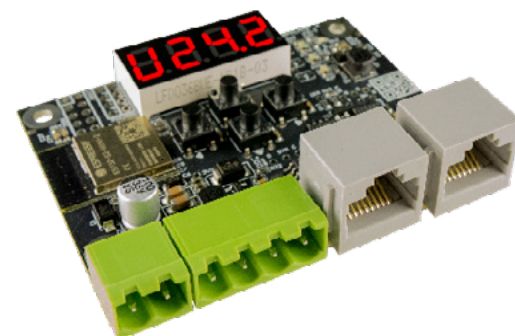


SPI LAMP 2

Signal splitter for RGB/RGBW/WWA SPI LED strips/pixels



Applications

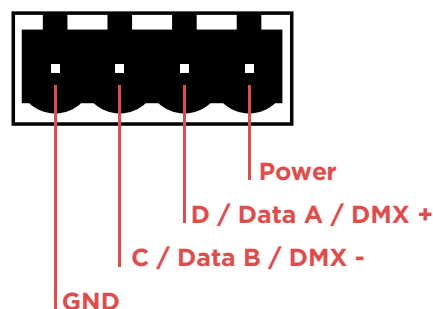
- General illumination
- Decoration illumination
- Events, lounges, clubs
- Scenography
- Theatre
- Light show
- Special effects
- Showcase

Technical specification

Controls over	LSS strip 2 protocol
Operating voltage	5-24V DC
Self power consumption	1W
Power input connector	2 pole screw terminal block pitch 5mm for wires <2.5mm²
Max. total pass thru current	5A
Display settings	Set number of pixels, set IC type
Display information	Voltage, firmware version, number of pixels, IC type
LSS I/O Port 1 & 2 connector type	RJ-45 non-shielded
LSS I/O Port 1 & 2 electrical type	Differential
LSS I/O Port 1 & 2 protection	Yes, ESD
LSS I/O Port 1 & 2 connector pins	Data+ (A), Data- (B), GND
LSS I/O Port 1 & 2 communication protocol	Custom LSS strip 2 protocol. 2.5Mbps
SPI LED Output port connector type	4 pole screw terminal block pitch 5mm for wires <2.5mm²
SPI LED Output port electrical type	Single ended TTL 5-24V asynchronous / synchronous / differential
SPI LED Output port contain power	Yes
SPI LED Output port protection	No
SPI LED Output connector pins	GND (-), C/Data B (Dat-), D/Data A (Dat+), Power (+)
SPI LED Output communication protocol	LSS strip 2, WS2811, WS2812B, SK6812, TM1809, DMX and compatible RGB/WWA/RGBW
Status LEDs	Green: Power; Yellow 1, Yellow 2: Status Green at RJ45 : Input (Dir1, Dir2)
Maximum controller count	32pcs in one daisy chained string
Maximum cable length for LSS strip protocol	100m with Cat5e or better

Default package content

- ## Dimensions



RJ-45 pinout scheme

