



General

Product Type	Amplifier
Length (mm)	92
Width (mm)	30
Height (mm)	37
Housing Color	White
Housing Material	Plastic
Mounting	Surface mounted
Weight (g)	115

Electronics

Input Domain	DC
Input Voltage	5 ~ 36 V DC
Power Supply	N/A
LED Outputs	2

Control

Output Signal	SPI(TTL)
Control	SPI

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP67

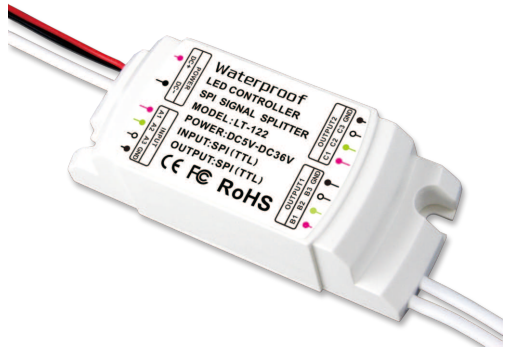
CE IP67 5^{year} warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

LT-122

2CH SPI Signal Amplifier



LT-122 SPI amplifier can realize SPI (TTL) signal's expansion, amplification and distribution. Especially suitable for multi-channel sync control projects. It can copy the changes of one channel LEDs to others, so you can connect dozens LEDs than before by install several signal amplifiers, and save lots of money on the project.

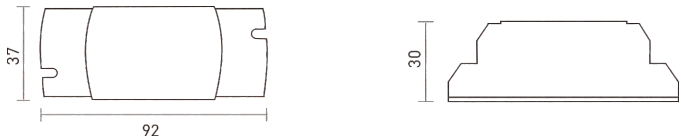
LT-122 SPI signal amplifier is full compatibility. can be used to expand all manufacturers' SPI(TTL) signal controller and lamp's signal in market. And It can connect with SPI(TTL) signal of all ICs .

1. Parameter:

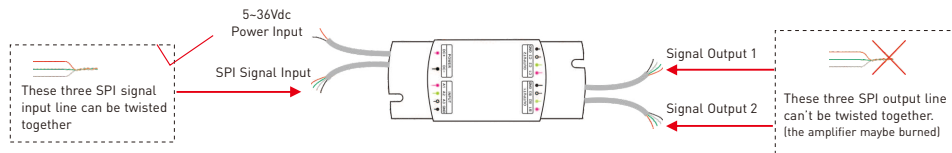
LT-122

Input Voltage:	5~36Vdc	Working Temp.	-30℃~55℃
Input Signal:	1CH SPI(TTL)	Dimension	L92×W37×H30mm
Output Signal:	2CH SPI(TTL)	Package Size	L123×W43×H42mm
Waterproof Level:	IP67	Weight(G.W.)	110g

2. Product Size:

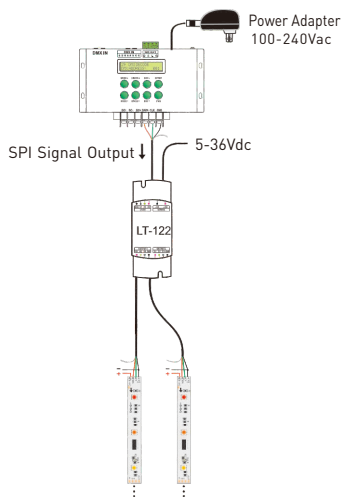
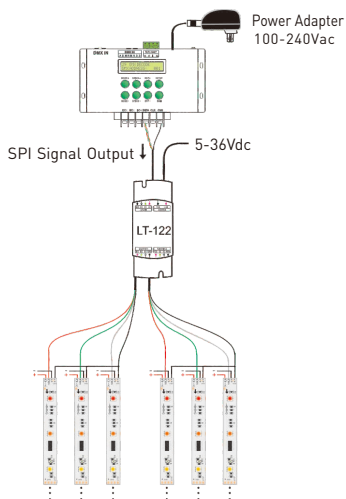


3. Wiring Diagram:



3.1 LED strip signal expansion of WS2811 single wire.

3.2 LED strip signal expansion of WS2801 double wire.



3.3 Multiple pixel screen synchronous display.

