

## 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.

181

oneeighty one.com



# LT-122 2CH SPI Signal Amplifier













LT-122 SPI amplifier can realize SPI (TTL) signal's expansion, amplification and distribution. Especially suitable for multichannel 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.

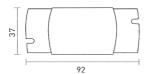
LT-122 SPI signal amplifier is full compatibility. can be used to expand all manufacturers' SPI(TTL) signal controller and lamp's signal in market. And It can connect with SPI(TTL) signal of all ICs.

#### 1. Parameter:

## LT-122

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

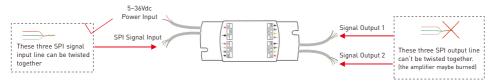
#### 2. Product Size:





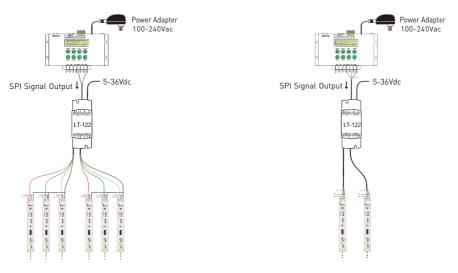


#### 3. Wiring Diagram:



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.

