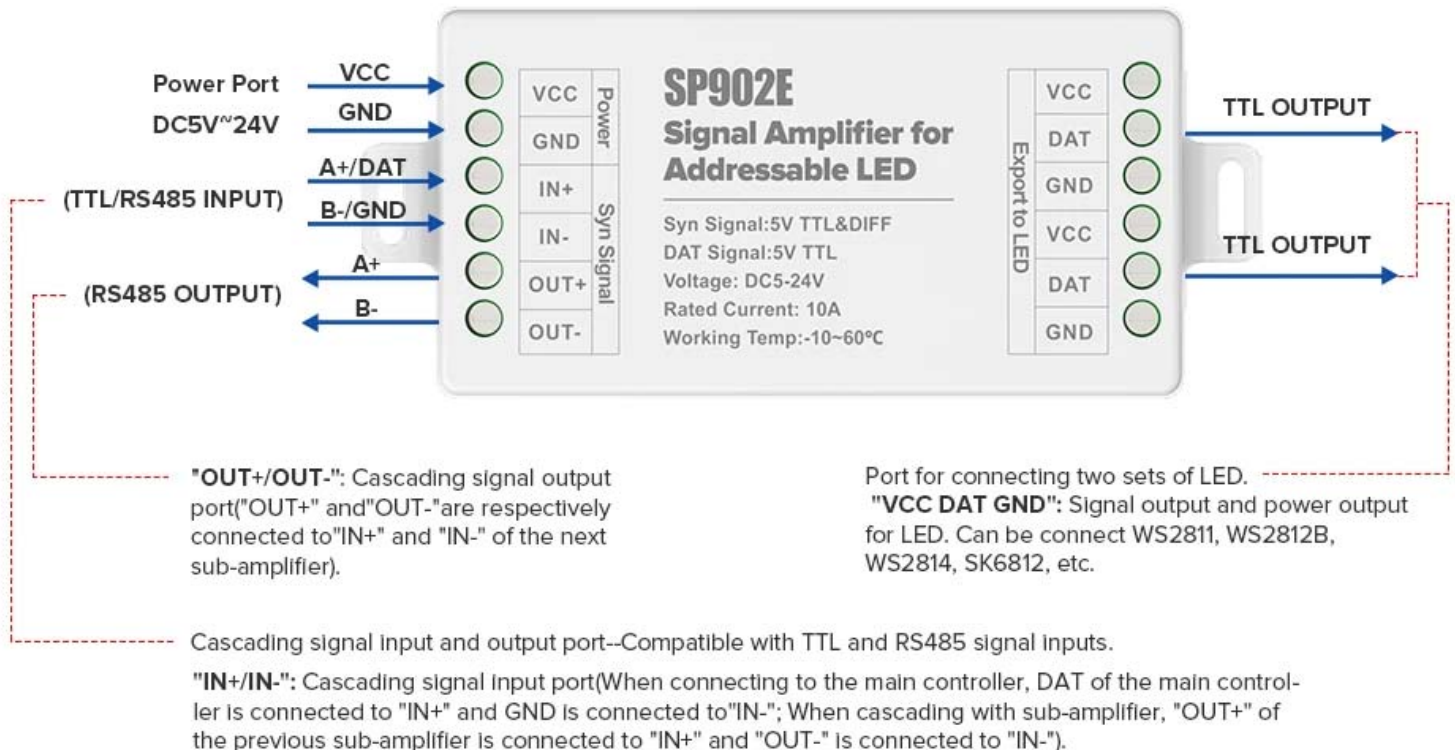


SP902E SPI Signal Amplifier

Port Description

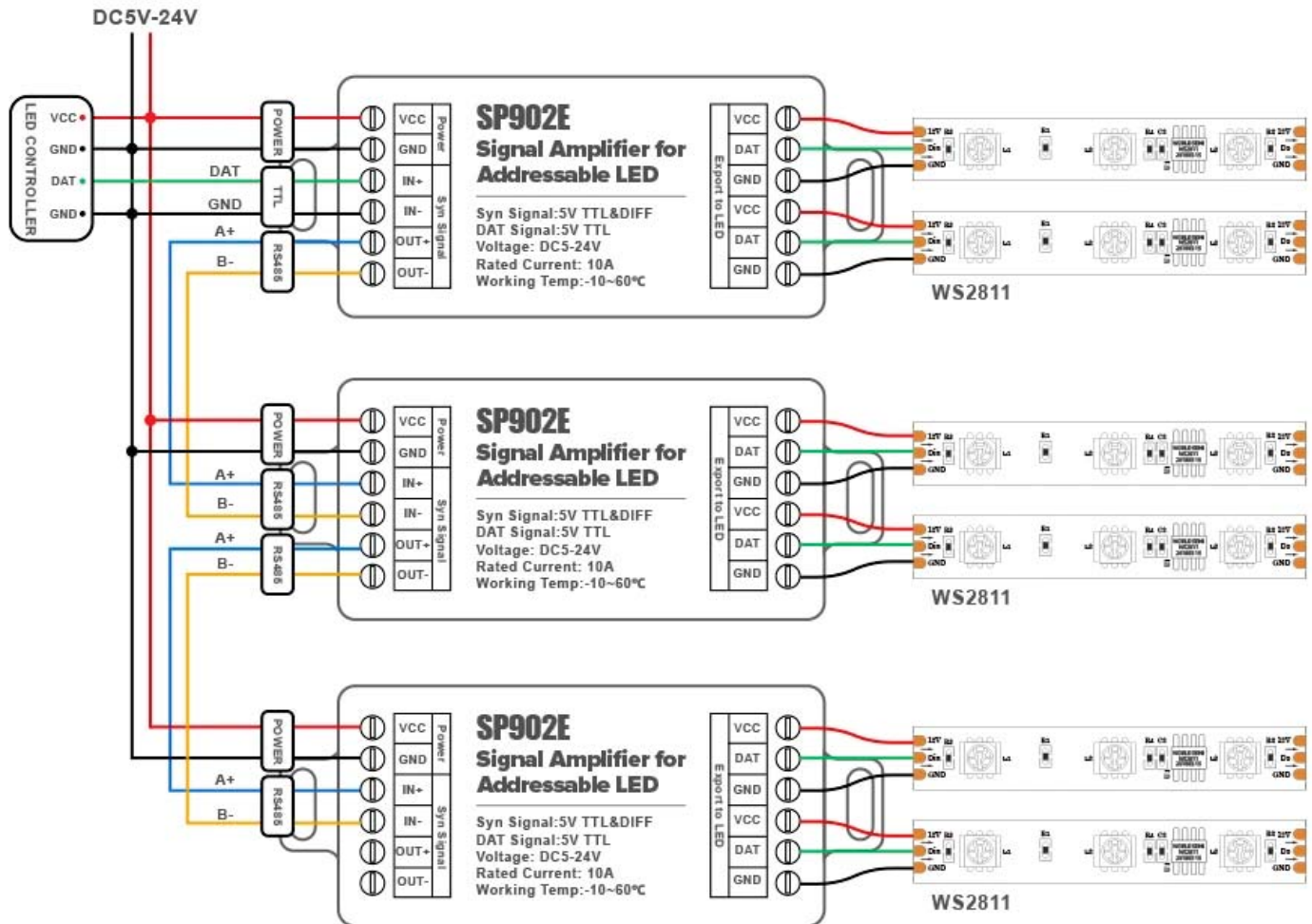


Notes:

1. The current passed by the controller is limited. If the LED lighting requires a current that exceeds the limit, an additional power supply is needed to prevent overheating and damage to the amplifier;
2. The strength of the TTL signal output by the amplifier is related to the type of chip used in the connected LED, the length and thickness of the connecting wires, and the number of LED connected in parallel. Please use it within a reasonable range according to the actual situation;
3. The transmission distance between amplifiers is affected by the type of wire used and the surrounding environment. If you need to transmit signals over a long distance or in a complex environment with a lot of interference, please use a shielded twisted pair of CAT5 or higher Ethernet cables.

Wiring Diagram

Multi-cascade



Single unit connection diagram

