



Brief Information

Model - GDS-CLC

RGB LED Controller

SYSTEM CHARACTERISTICS

- 1Level 32-65536 gray level control, software Gamma correction processing.
- 2Supporting all kinds of point, line and surface light sources, supporting all kinds of rules, special-shaped processing.
- 3Each port of the controller can carry 2048 pixels.
- 4It is compatible with single and double-wire IC. When connecting the lamp of single-wire IC, CLK clock line is not needed.
- 5DAT, CLK and GND are connected to the data line of lamps and lanterns.

Remarks: 1. When the controller port is loaded with 512 lights, the playback speed can reach 30 frames per second, and when the port is loaded with 512/1024 lights, the frame frequency follows.

The number of lights increases and decreases automatically.

2For the output of TTL signal, the controller must supply the ground to the lamp (i.e., the ground output and the lamp of the controller).

By default, the output signal of this controller is TTL signal.

THE FUNCTION OF KEYS:

- 1SPEED + key to speed up playback.
- 2SPEED - key to slow down the playback speed.
- 3MODE key, switch program program.
- 4SET key to save the current settings.

SPECIFIC PARAMETERS:

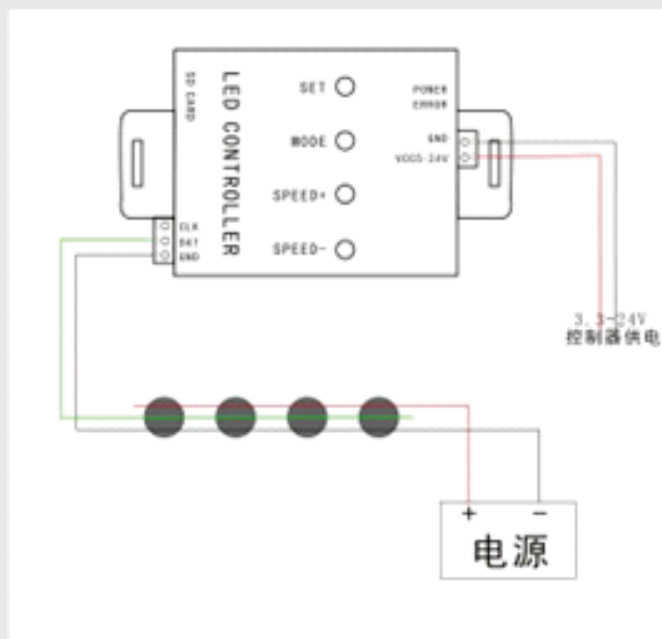
STORAGE CARD:

- Type: SD card (for example, high-speed SD card is recommended when the number of control lights is high)
- Capacity: 128MB-2GB
- Format: FAT format
- Storage file: *.led

PHYSICAL PARAMETERS:

- Working Temperature: - 30 - 85 C
- Working power supply: DC5-24V
- Power consumption: 3W
- Size: 180 (L) mm * 100 (W) mm * 40 mm (H)
- Weight: 0.3KG
- Data transmission port: 3pin terminal

WIRING SCHEMATIC DIAGRAM:



MATTERS NEEDING ATTENTION:

- Before copying files to SD cards, SD cards must be formatted first, and attention should be paid to formatting before each copy.
- SD card must be formatted into "FAT" format.
- The SD card on the controller can not be hot-plugged, that is, each time SD card is plugged in, the power supply of the controller must be disconnected first.

HANDLING OF FREQUENT QUESTIONS:

Question 1 : After power on, the lamp has no effect change, and the controller failure lamp flickers.

Answer : Fault lamp ERROR has been flickering to prove that the controller did not read the card correctly. The possible problems are as follows:

The SD card is empty and has no effect files.

(2) The effect file *.led file in SD card does not match the model of the controller. Please select the control correctly in the software.

Model T-1000-chip model of the manufacturer, and reproduce the effect file*.led.

(3) SD cards are not formatted into FAT before copying effect files.

(4) After replacing the SD card, the test will be conducted to exclude the possibility of SD card failure.

Question 2 : After the controller is powered on, the indicator lamp is normal, but the lamp has no effect change.

Answer : The reasons for this situation are as follows:

Please check whether the signal line of the lamp and the controller are connected correctly.

(2) If TTL signal is connected, the lamp and the controller must be in common, that is, the ground wire of the lamp should be connected with the ground wire of the controller. Come together.

(3) Please check whether the selected model of the effect file *.led in the SD card is the same as the chip used in the current lamps.