

K-8000L controller instructions



K-8000L system features:

1. 32--65536 Gray level, support software Gamma correction.
2. Support the rules and special-shaped handle.
3. Eight--port output, every port can support 512-1024 pixels (DMX light Max 512 pixels).
4. Store a maximum of 16 programs, copy multiple files to the SD card in order, after formatting the SD card as "FAT or FAT32" format, the SD card capacity is 128MB~32GB.
5. It can play single ,also can be multiple controllers used in combination, play back content stored in the SD card. If need combination, the rule should be follow as follows:
The max distance between the two K-8000Ls is 150 meter,it will be need used the 0.5m² fine copper line.
6. Enhance TTL and 485 (DMX) signal output.
7. The controllers have 16 programs in advance(chip1903).

Support chips (K-8000-RGB):

UCS1903, P9813, LX1003, WS2801, LPD1886, TM1913, TM1914, P9883, DMX512, DMX512 high speed, DMX512, DMX512, INK1003, APA102, UCS5603A&B

NOTE: The controllers not support RGBW light.

The picture of the product:



The meaning of flag:

Input voltage	AC100-240V
电源灯 POWER	Power light
级联灯 SYNC	Combination status
状态灯 STATUS	Work status
SD 卡/SD CARD	SD card slot

Signal output (TTL/245 signal):

GND	Ground wire
DAT	Data line
CLK	Clock line

Signal output (DMX512 signal):

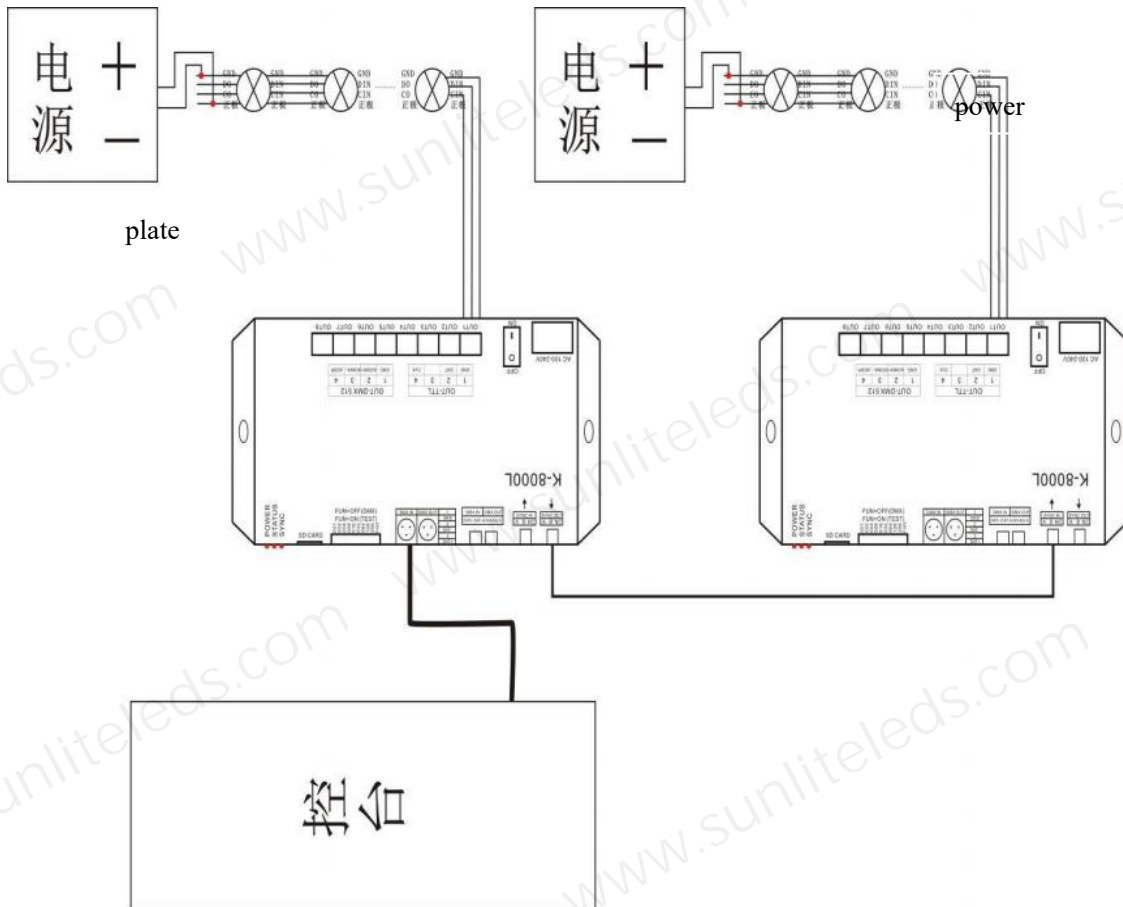
GND	Ground wire
A/DAT+	Data +
B/DAT-	Data -
ADDR	Address line

Controllers channel :

#1 channel	model (1-16 level)
#2 channel	speed (1-256 level)

#3 channel	R(red) (1-256 level)
#4 channel	G(green) (1-256 level)
#5 channel	B(blue) (1-256level)
#6 channel	Turn off/Turn on (>=128 total on, <128 total off)
#7 channel	Play suspend (>=128 play, <128 suspend)
#8 channel	reserve

Mode of connection



Specific parameters:

SD CARD:

Type: SD card

Capacity: 128MB—32GB

Format: FAT or FAT32

File saved: *.led

Physical parameters:

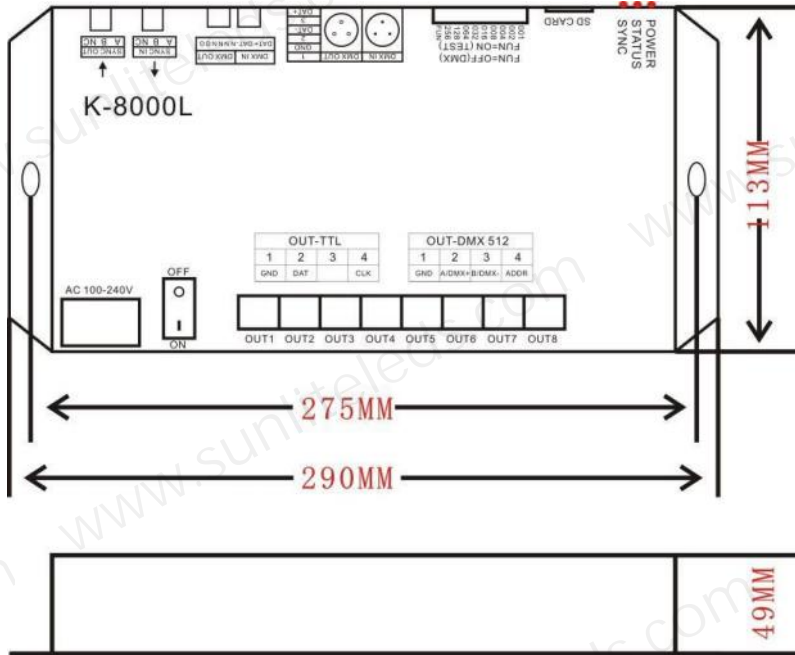
Working temperature: -20°C—85°C

Working voltage: 100-240V input

Working power:5W

Weight: 0.8Kg

Size:



NOTE:

1. Before copy files to SD card, the SD card must be formatted as FAT format.
2. SD's format must be "FAT" or "FAT32" format.
3. You must turn off the power when you push out the SD card.

