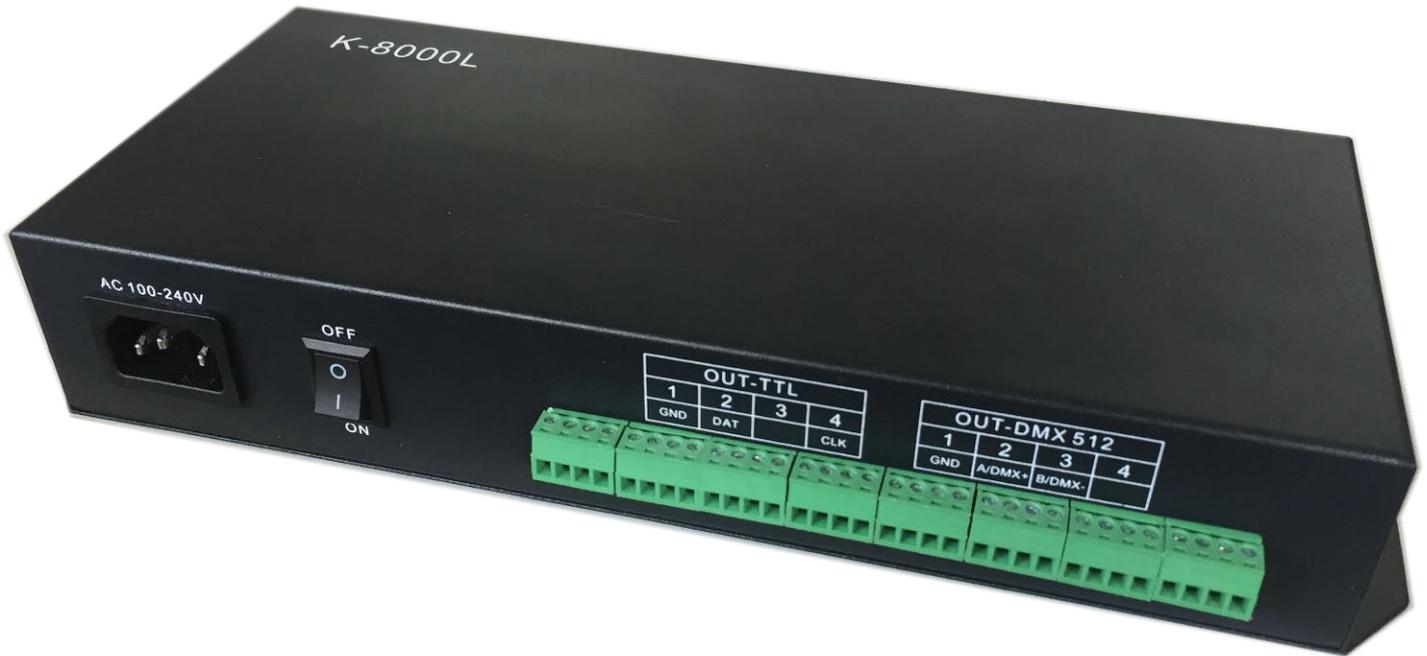


K-8000L User's Manual



1)K-8000L system features

- 1,32 level -65536 gray level control, software Gamma correction processing.
- 2, to support a variety of points, lines, surface light source, support a variety of rules, shaped processing.
- 3, the controller 8 port output, each port can bring up to 512/1024 lights (DMX lamps up to 512 pixels).
- 4, play content stored in the SD card, SD card can store up to 16 effects files, SD card capacity to support 128MB-32GB, support FAT and FAT32 format.
- 5, the controller can be used alone, but also more than cascade use, cascade using optical isolation: anti-interference, better stability, between the two cascade distance Up to 150 meters, need to use 0.5 square copper power cord
- 6, enhanced TTL and 485 differential (DMX) signal output.
- 7, the controller built-in effect of 16 kinds: (internal control default chip is 1903).

Note:

- 1, the controller with light fixture 512 point speed can reach 30 frames / sec, 768 points speed can reach 25 frames / sec, 1024 point speed can reach 22 frames / sec
(The above parameters to 1903 protocol class IC data, for example, there will be differences between different IC)
- 2, the international standard DMX512 (1990 protocol) with a maximum load of 512 pixels. When the load for the international standard 170 pixel pixels when the speed of up to 30 frames / sec, 340
Point pixel speed of about 20 frames / sec, 512 pixels at a speed of about 12 frames / sec

2)support the chip (PC software selected K-8000-RGB):

High speed, DMX512 pure forwarding, DMX512 pure forwarding high speed, INK1003, APA102, UCS5603A & B (UX1903, P9813, LX1003, WS2801, LPD1886, TM1913, TM1914, P9883, DMX512, DMX512)

Note: 1. The controller does not support RGBW fixtures.

3)the appearance of the picture:



4)silk screen meaning:

Power supply	AC100-240V power input
PowerLED Cascade lights	Power Indicator
SYNC Status light	Cascade indicator light
STATUS	Status Indicator
SD card / SD CARD	SD card slot

Signal output (TTL / 245 signal):

GND	GND (negative)
DAT	data
CLK	clock

Signal output (DMX512 signal):

GND	GND (negative)
A/DAT+	Signal is positive
B/DAT-	Signal negative
ADDR	Write line

Console Channel Description:

Channel 1	Mode (1-16 level)
Channel 2	Speed (1-256)
Channel 3	R (red) (1-256)
Channel 4	G (green) (1-256)
Channel 5	B (blue) (1-256)
Channel 6	Total open (≥ 128 for the total open, <128 for the total off)
Channel 7	Play Pause (≥ 128 for Playback, <128 for Pause)
Channel 8	Keep it

5)wiring

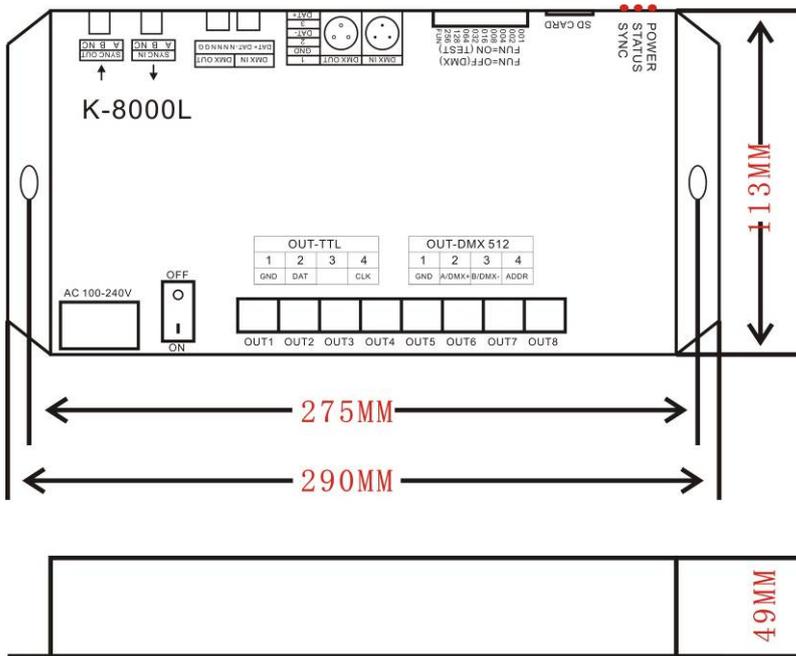
Working temperature: -20 °C -85 °C

Power supply: AC 100-240V input

Power consumption: 5W

Weight: 0.8Kg

Size:



7)Note:

- 1, the file copy to the SD card, you must first format the SD card, pay attention to each copy before you have to format.
- 2, SD card must be formatted into "FAT" or "FAT32" format.
- 3, the SD card on the controller can not be hot-swappable, that is, each time you plug the SD card, you must first disconnect the controller power.

