

# 深圳市德润照明有限公司

## LED 全彩控制器说明书



### 1. Overview:

- 1, the control can be equipped with mini SD.
- 2, no SD boot automatically after 20 seconds to call built more than 100 kinds of patterns, you can send a DMX512 and TTL signals.
- 3, lower D card status, using standard DMX512 choose built-in patterns and speed.
- 4, more than one, the synchronization signal is recommended not more than 50 meters, measured 100 meters.
- 5, the maximum drive 2048 pixels. Refresh rate up to 30 frame rate (<512 pixels).
- 6, the maximum distance between the controller and lighting TTL is <15 m; 485 <30 meters. TTL can be connected simultaneously and about 10.

Operating Voltage	DC12-24V
size	L122 *W 73* H25
weight	0.2Kg
Power	3W

### 二、Support IC:

Support IC	Detailed model
TM	TM1809, TM1812 , TM1914
UCS	UCS2903,UCS2909,UCS2912 UCS1903,UCS1909,U CS1912
WS	WS2801,WS2812 WS2811
INK1003	INK1003
LPD	LDP6803,LDP8806,LDP1109
D705	D705
SM	SM16716,SM16715
DMX512	DMX512
Other models, please contact us for advice.	

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三、Controller priority read SD card, when no SD Card running the built-in pattern.

SD card status, you can select the pattern and speed through the key, which [on / off] key is invalid. Other operations without card, as detailed below.

### 4.Wiring Method

TTL: Wire-line and signal interface.

DAT: CLK: GND:

DMX512: Choose model DMX512 when send dmx512 signal, Other models when transmitting differential signals; With 485 receiving plate so that the signal transmission farther.

D+: DMX512 signal A ,D-: DMX512signal B ,GND: Normally without wiring.

#### 1.V. Instructions

#### 2.election IC Type:

First press [ON / Off] key to display OFF to enter programming mode

Then press [Mode / Speed] options, choose the right model and then take [On / off] key to exit.

#### 3.control points set

First press [ON / Off] key to display the OFF program state, [UP] and [DOWN] set points. Then [On / off] key to exit.

#### 4.set the pattern, speed, and DMX address

Under normal conditions, that is not in the OFF state. Press the [mode / off] key to cycle through the digital beginning of the following PSA.

P S on behalf of the representative of the pattern speed A representative of DMX512 address, attention is only useful when the DMX address decoding and DMX512 standard DMX512 console control built-in patterns. Increases and decreases with the UP and DOWN keys.

#### 5.Precautions:

1 Please note that when you install rain, the normal operating voltage recommended as DC12-24V.

2, network lines correspond to straight butt.

