

Total Control Lighting System Introduction

Elite 2K Controller TCLPXLC2

1.Features

- 1、 256 Gray, Gamma correction processing software.
- 2、 Support the rules and special-shaped handle.
- 3、 Controller, a port output, may bring 1024/2048 light.
- 4、 Off-line control, play back content stored in the SD card
- 5、 TCLPXLC2 store a maximum of 16 documents

Note: TCLPXLC2 -port 512 lights, the playback speed of up to 30 frames / sec, the port more than 512 lights, the frame rate with the increase in the number of lights automatically reduced.

Supported chip:

2. Appearance:



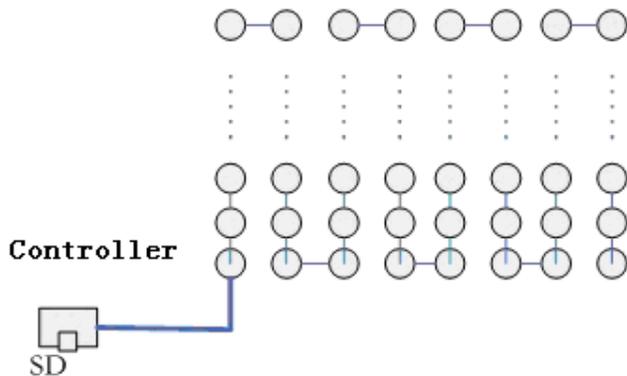
7.5V—24V 5V	DC power input, to provide two sets of power input,
----------------	---

	select a group can be.
GND	Power Ground.
ERROR	Error indicator
POWER	Power LED
SD CARD	SD card slot.
CLK	Output CLK
DAT	Output DATA
GND	Signal Ground
B A	Compatible with DMX signal, differential A, and differential B.
GND	Signal Ground

Regulatory function button:

SET	Save Settings to save current settings file and the playback speed
MODE	Switch File
SPEED+	Speed up the playback speed
SPEED-	Slow down the playback speed

3. System architecture diagram



Specific parameters:

Memory Card:

Type: SD Card

Capacity: 256MB—2GB

File Format: FAT file format

Store files: *.led

Physical parameters:

Weight: 0.2kg

Size: 122mm*67mm*25mm

Temperature : -20°C—85°C

Power Supply: DC 5V—24V

Power: 3W

Note:

To copy files to SD card, you must first format to the SD card, pay attention to is that each copy must be formatted before.

SD card must be formatted as "FAT" format.



Controller on the SD card can not be hot-swappable, plug the SD card every time, you must first disconnect the power supply controller.

4. Steps to prepare any SD card for the TLC.

The controller will not accept large SD cards so they must be made to look like small SD cards.

1. Insert the card and note what drive letter it shows up on. For this example the drive letter is J:
2. Open a Command Prompt window. Type what is in quotes without the quotes.
3. Type: "diskpart" this will enter the disk partitioning program. Be really careful with this program. Entering the wrong drive letter can do serious harm to another drive.
4. Type: "select volume J:" assuming the SD card is on drive J:
5. Type: "delete partition"
6. Type: "create partition primary size 128"
7. Type: "Format fs=fat"

You can put several export files on a flash card and select them with the mode button. Pushing set will select the current file so it will auto start the next time the controller is turned on. The program puts the file in a folder called LED. The folder can be called anything and the files don't even need to be in a folder. Pushing Speed+ and Speed- will change the speed by a small amount each time you push the button. When you export from the program it will wipe out the LED folder, recreate it, and put one export file in the LED folder so export to a folder on your C: drive. When you export each different file enter a different number in the Program Code field on the Gamma Dimming screen. That will cause each export file to have a unique name. After you export each file copy it to unique folder on your C: drive. After you have all the files you want copy the folder to the flash card. The controller doesn't pay any attention to the file names. It will select the files in the order they were written to the flash card.