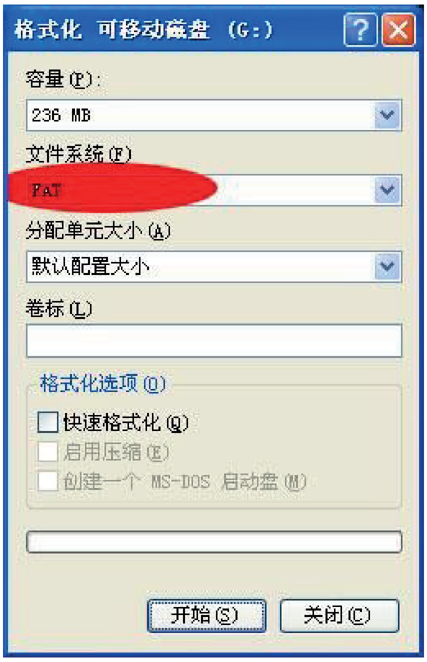
Controller full color con scheda sd

1. T-8000AC System features

1. 32—65536 Gray level, Support software Gamma correction;
2. Support the rules and special-shaped handle;
3. 8ports output, each port can support 1024 pixels;
4. This is a power synchronous controller.①set the same IC type, speed, mode；②open the 220V power supply at the same time.
5. T-8000AC store a maximum of 16 programs, copy multiple files to the SD card in order, after formatting the SD card as “FAT” format.



格式化 可移动磁盘 (G:)

容量(P): 236 MB

文件系统(F): FAT

分配单元大小(A): 默认配置大小

卷标(L):

格式化选项(O)

☐ 快速格式化(Q)

☐ 启用压缩(E)

☐ 创建一个 MS-DOS 启动盘(M)

2. Special parameters

Working voltage： AC220V

Working temperature：-20 --60

Size：22*14*4.7cm

Weight：1.25kg

3. Memory card

Type：SD card（suggest using high-speed SD card）

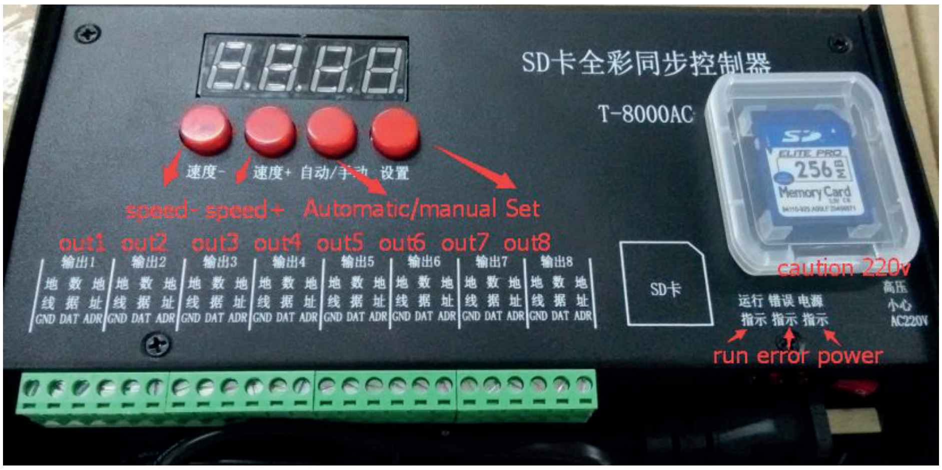
Capacity：128MB—1GB

Format：FAT

Store file：*.led

4. Mode of operation：（program inside with SD card）

Keys on the controller：Speed-, Speed +, Automatic/manual, Set


SD卡全彩同步控制器
T-8000AC
速度- 速度+ 自动/手动 设置
speed- speed+ Automatic/manual Set
out1 out2 out3 out4 out5 out6 out7 out8
输出1 输出2 输出3 输出4 输出5 输出6 输出7 输出8
地线 数据 地址
GND DAT ADR
SD卡
运行指示 错误指示 电源指示
run error power
caution 220v
高压小心 AC220V
SD ELITE PRO 256MB Memory Card

When use program inside to test, controller work as list:

1- No need SD card,program store in the controller.

2- The “power” light is normally on. 3、“Run” light and “error” light flashing.

A- Operating steps：

1. Use “Set”to choose IC type（1803, 1903, 2801, 6803, 6716, 9813 and so on）.
2. Use “**Automatic/manual**” to choose mode（30 kinds programs store inside the controller, named as F-01….F-30.
3. Use “speed-”, “speed+” to choose speed,（SP01......SP16） 01 is the fastest,16 is the lowest.

B- Common problems

1- The controller is powered on, but leds don’t work. ***（Other settings are correct）***

Check if the power supply is connect correct.The voltage of the power supply is same as the led’s work voltage,choose the mode again,make sure there is no that mode all leds off.

2- The controller is powered on, leds have no effect change. ***（Other settings are correct）***

1. Check if the lighting′s signal line and the controller connected correctly
2. Check if the lighting′s signal line and GND line connected correctly
3. If 1,2 is ok,change the speed,maybe you set the lowest speed,increase the speed.
4. There is something wrong with the output port.

With SD card to test:

1. turn off the power supply then put in the SD card.
2. The “power” light normally on.
3. “Running” light flashing, and “error” light off.

A- Operating steps

1. Turn off the power supply then put the SD card into the controller.
2. When turn on the controller,it can identify the chip type of the LED,so no need to choose the chip type ont the controller.
3. Use “**Automatic/manual** ”to choose mode（sd-00 mean one program running, A—00 mean documents circulation mode）.
4. Use “speed-”, “speed+” to choose speed,（SP01......SP16） 01 is the fastest,16 is the lowest.

B- Common problems

1- The controller is powered on,but leds don’t work.（Other settings are correct）

Check if the power supply is connect correct.The voltage of the power supply is same as the led’s work voltage,choose the mode again,make sure there is no that mode all leds off.

2- The SD card have been put in, but the leds have no effect change.

Wether the “error”lights flashing,if yes,the controller is not match with the SD card(check the problems one by one: SD card broken, program editing problem, program copying problem, output port problem...).

3- SD card can not format to FAT.

There are many kinds of reasons:

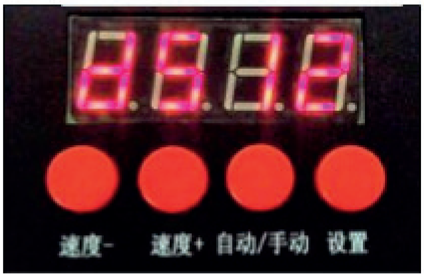
1.The SD card have been write protect.
2.The programs are missing.
3.Not choose the right IC type and controller when do program in software.
4.There is something worry with the card reader.

How to solve the problems:

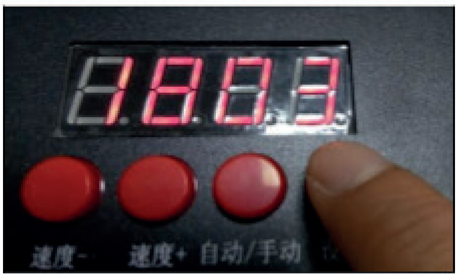
Remove the write protect,change a new card,do program again,change a good card reader.

Choose IC、MODE as the pictures：

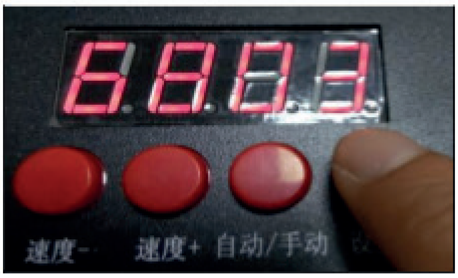
Set:DMX512 chip


速度-
速度+
自动/手动
设置

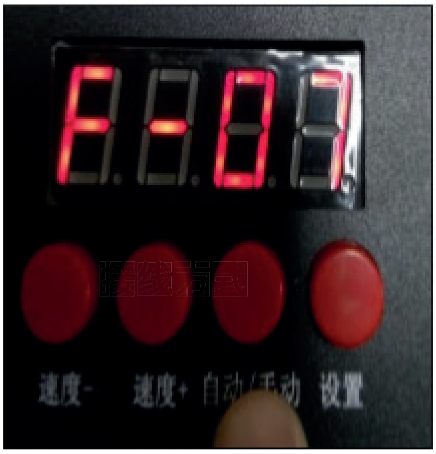
Set:1803 chip



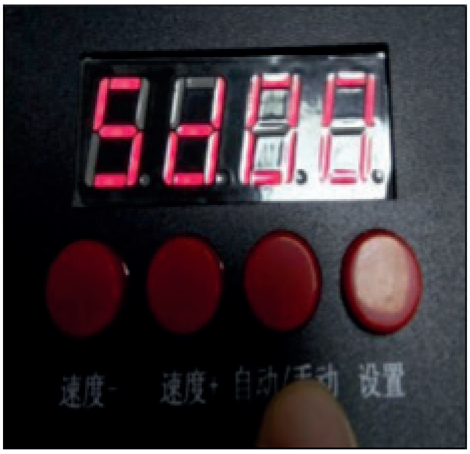
Set:6803 chip



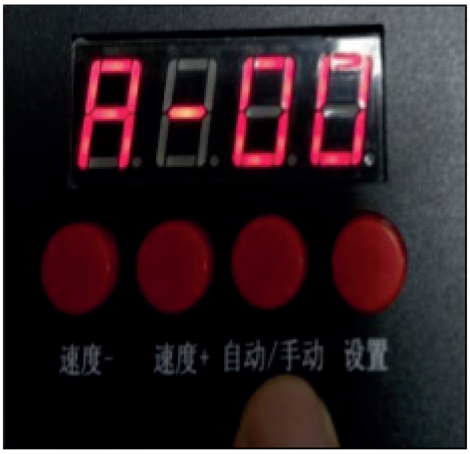
Automatic/manual:07 no card


F-07
速度-
速度+
自动/手动
设置

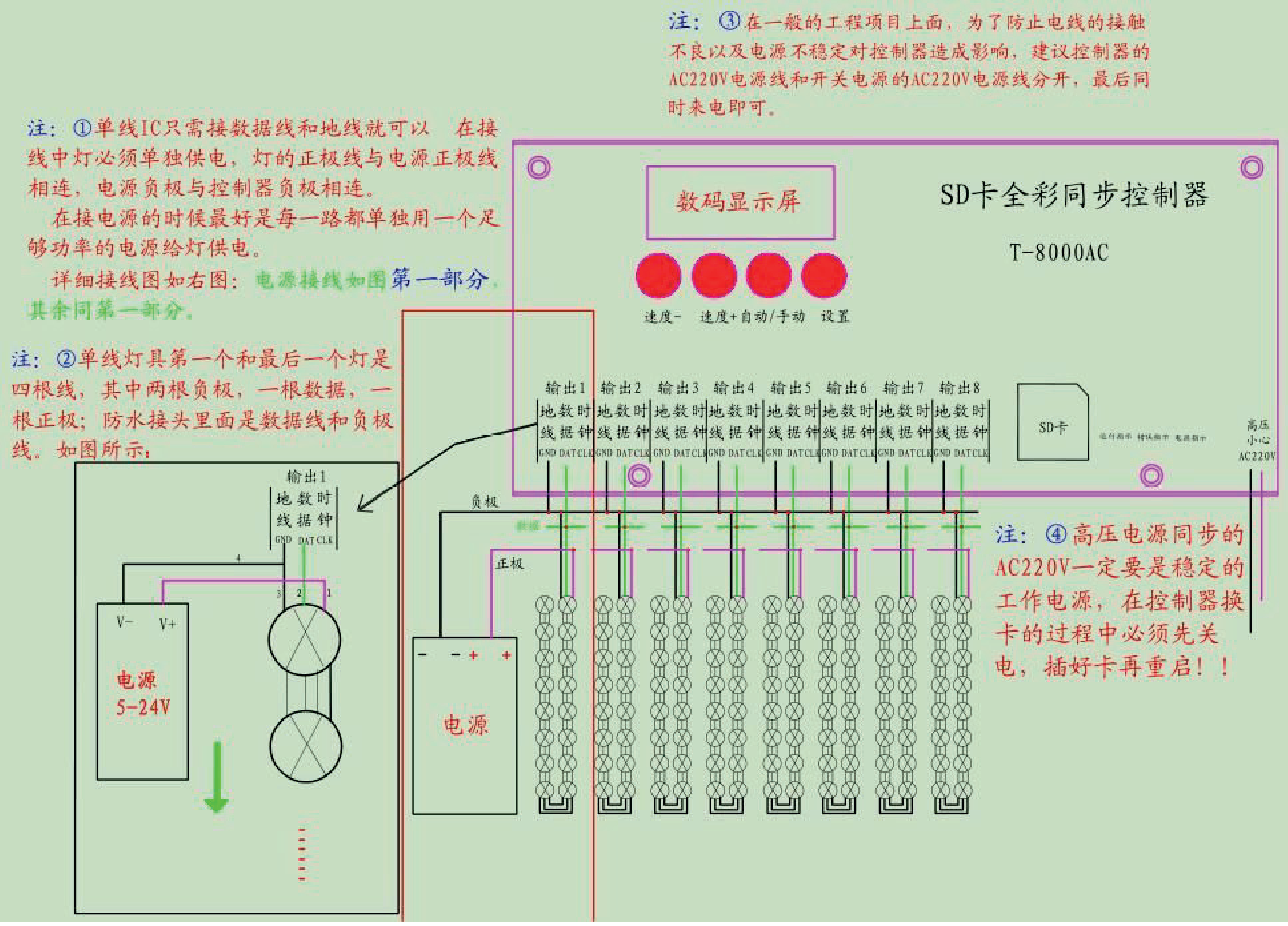
Automatic/manual:SD card mode


Sd
速度-
速度+
自动/手动
设置

Automatic/manual:documents circulation mode


A-00
速度-
速度+
自动/手动
设置

5- Mode of connection



注：③在一般的工程项目上面，为了防止电线的接触不良以及电源不稳定对控制器造成影响，建议控制器的AC220V电源线和开关电源的AC220V电源线分开，最后同时来电即可。

注：①单线IC只需接数据线和地线就可以 在接线中灯必须单独供电，灯的正极线与电源正极线相连，电源负极与控制器负极相连。

在接电源的时候最好是每一路都单独用一个足够功率的电源给灯供电。

详细接线图如右图：电源接线如图第一部分，其余同第一部分。

注：②单线灯具第一个和最后一个灯是四根线，其中两根负极，一根数据，一根正极；防水接头里面是数据线和负极线。如图所示：

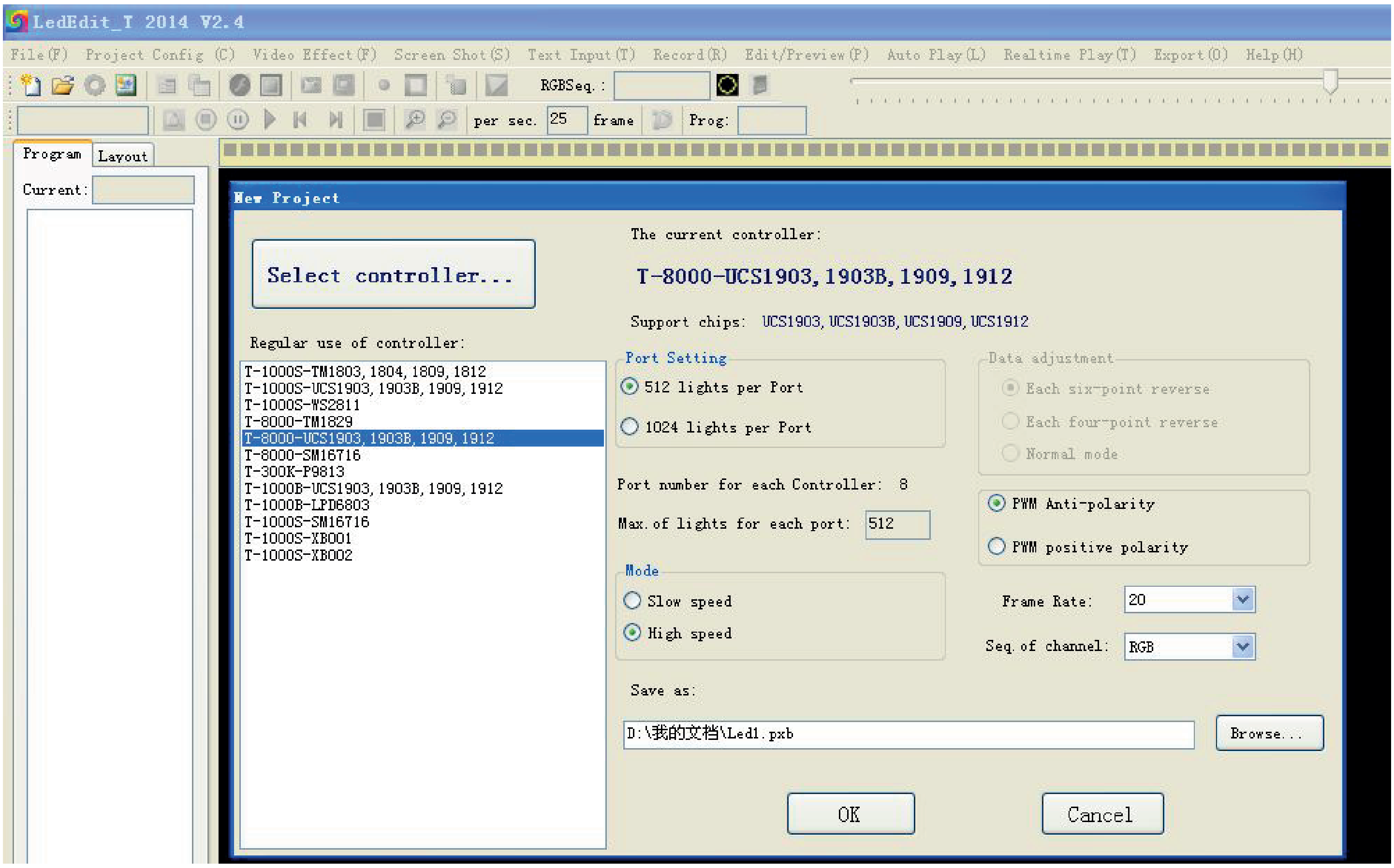
注：④高压电源同步的AC220V一定要是稳定的工作电源，在控制器换卡的过程中必须先关电，插好卡再重启！！

数码显示屏
SD卡全彩同步控制器
T-8000AC
速度-
速度+
自动/手动
设置
输出1
输出2
输出3
输出4
输出5
输出6
输出7
输出8
地线 数据 时钟
GND DAT CLK
SD卡
高压
小心
AC220V
负极
正极
电源
- - + +
V-
V+
电源
5-24V
4
3
2
1

6.Support chips：

Chip type	Software code& Controller type	Lamps/(MAX)	Note
TM1803,TM1804,TM1809,TM1812	T-8000-TM1803	8192 pixels	With high speed and low speed
TM1829	T-8000-TM1829	8192 pixels	With high speed and low speed
UCS1903,UCS1903B ,UCS1909， UCS1912	T-8000-UCS1903	8192 pixels	With high speed and low speed
UCS2903,UCS2909,UCS2912,	T-8000-UCS2903	8192 pixels	With high speed and low speed
UCS3903	T-8000-UCS1024	8192 pixels	
UCS6909， UCS6912， UCS7009， UCS5903	T-8000-UCS6909	8192 pixels	
TA9909	T-8000-TA9909	8192 pixels	With high speed and low speed
MBI6021	T-8000-MBI6021	8192 pixels	
WS2811	T-8000-WS2811	8192 pixels	With high speed and low speed
INK1003	T-8000-INK1003	8192 pixels	With high speed and low speed
TLS3100	T-8000-TLS3100	8192 pixels	With high speed and low speed
SM16711	T-8000-SM16711	8192 pixels	With high speed and low speed
SM16716	T-8000-SM16716	8192 pixels	
SM16726	T-8000-SM16726	8192 pixels	
LPD8806,LPD8809	T-8000-8806	8192 pixels	
LPD1882,LPD1889	T-8000-1882	8192 pixels	With high speed and low speed
LPD6812	T-8000-6812	8192 pixels	With high speed and low speed
LPD6813	T-8000-6813	8192 pixels	
P9813	T-8000-P9813	8192 pixels	
DMX512	T-8000-DMX	1360/4096 pixels	Compatible with standard DMX512 protocol
TM1903， TM1904， TM1909， TM1912	T-8000-TM1903	8192 pixels	With high speed and low speed
WS2801,WS2803	T-8000-WS2801	8192 pixels	
DS189	T-8000-DS189	8192 pixels	
TLS3001,TLS3008	T-8000-TLS3001	8192 pixels	
APA102	T-8000-APA102	8192 pixels	
BS0815	T-8000-0815	8192 pixels	
GW6203	T-8000-GW6203	8192 pixels	
BS0825	T-8000-0825	8192 pixels	
BS0901	T-8000-0901	8192 pixels	

If you need to control a new IC type by the controller, software code mode is：T-8000-IC model.
(The software is LEDedit 2014 V2.4)


LedEdit_T 2014 V2.4
File(F) Project Config (C) Video Effect(F) Screen Shot(S) Text Input(T) Record(R) Edit/Preview(P) Auto Play(L) Realtime Play(T) Export(O) Help(H)
RGBSeq.:
per sec. 25 frame
Prog:
Program
Layout
Current:
New Project
Select controller...
Browse...
OK
Cancel

The current controller:

T-8000-UCS1903, 1903B, 1909, 1912

Support chips: UCS1903, UCS1903B, UCS1909, UCS1912

Regular use of controller:

- T-1000S-TM1803, 1804, 1809, 1812
- T-1000S-UCS1903, 1903B, 1909, 1912
- T-1000S-WS2811
- T-8000-TM1829
- T-8000-UCS1903, 1903B, 1909, 1912
- T-8000-SM16716
- T-300K-P9813
- T-1000B-UCS1903, 1903B, 1909, 1912
- T-1000B-LPD6803
- T-1000S-SM16716
- T-1000S-XB001
- T-1000S-XB002

Port Setting
- ● 512 lights per Port
- ○ 1024 lights per Port

Port number for each Controller: 8

Max. of lights for each port: 512

Mode
- ○ Slow speed
- ● High speed

Data adjustment
- ● Each six-point reverse
- ○ Each four-point reverse
- ○ Normal mode

- ● PWM Anti-polarity
- ○ PWM positive polarity

Frame Rate: 20

Seq. of channel: RGB

Save as:

D:\我的文档\Led1.pxb

7- Name of the program：

The name for NO.1 controller：

“00_1.led” ---- NO.1 program for No.1 controller

“01_1.led” ---- NO.2 program for No.1 controller

The name for NO.2 controller：

“00_2.led” ---- NO.1 program for No.2 controller

“01_2.led” ---- NO.2 program for No.2 controller