

T-4000 manual

一、T-4000 system features

- 1、32—256 Gray, Gamma correction procession software
- 2、Support the rules and special-shaped handle.
- 3、Four ports output, each port support 1024/2048 lights
- 4、Single offline control, playback content stored in SD card
- 5、T-4000 can store up to 16 files, copy multiple files to SD card in order

NOTE: 1. T-4000 single 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.

Support chips :

Support chips	LedEdit corresponding model	Single one support lights	Remarks
LPD6803, D705, 1101, 6909, 6912	T-1000-6803	2048pixels	
LPD8806, LPD8809	T-1000-8806	2048 pixels	
TM1803, TM1804, TM1809, TM1812	T-1000-TM	2048 pixels	TM1804 and TM1809 are divided into high and low speed
DMX512	T-1000-DMX	170/512 pixels	Compatible standard DMX512 agreement
WS2801, WS2803	T-1000-WS	2048 pixels	
TLS3001, TLS3002	T-1000-TLS	2048 pixels	
P9813	T-1000-P9813	2048 pixels	
SM16715	T-1000-SM16715	2048 pixels	
SM16716	T-1000-SM16716	2048 pixels	
BS0815	T-1000-0815	2048 pixels	
Match 6909, 6912 的 Guardrail tube	T-1000-HL32	1024 pixels× sub-control number	Must connect sub-control board

二、Outline picture:



三、Screen printing definition:

Buttons	Definition
SET	Save settings(if press SET, the current

Buttons

	settings file and playback speed are saved, according to this to play after the next boot)	
MODE	Switch files	
SPEED+	Speed up	Press SPEED+ and SPEED- at the same time, enter files loop model
SPEED-	Speed down	

definition:

Signal output definition:

COM	Ground
DAT	Signal
CLK	Clock

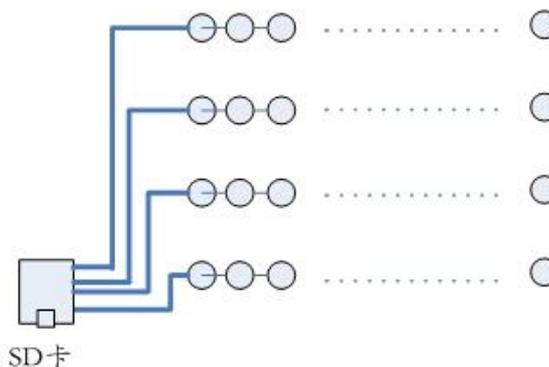
NOTE: TTL signal output for the controller and the lighting must be common ground (that is, the ground controller output and the lamp connected to the ground together)

四、System Architecture

T-4000 单台控制架构

- 1、脱机SD卡播放
- 2、4端口数据输出
- 3、每个端口512/1024灯。

控制器



五、Files storage:

Files naming principle:



- “00. led” -----The 1st program
- “01. led” -----The 2nd program
- “02. led” -----The 3rd program
- “03. led” -----The 4th program

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or:

At this time copy “a.led” “b.led” “c.led” “d.led” to SD card in order
T-4000 can store up to 16files, copy multiple files to SD card in order.

五、 Special parameters:

Memory card:

Type: SD card (if control more lights, suggest using high-speed SD card)

Capacity: 32MB—2GB

Format: FAT format

Store files: *.led

Physical parameters:

Temperature: -20°C—85°C

Power supply: DC 5V input

Power: 4W

NOTE:

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

SD card must be formatted as FAT format.



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