

DIGITAL LED CONTROLLER

DIGITAL LED

Ref: 41.047

5V - 24V

It supports 2048px (10fps) and is programmed by Lededit software with a SD memory card (128MB-32GB).

Input voltage, 5V to connect flexible strips and LED modules.

It supports a maximum of 16 speed modes. After removing the SD card from the controller, if you want to add other programs, you must format the SD card to "FAT" (128MB-2GB) or "FAT32" (4GB-32GB).

The program has to be named as follows, with the extension: *.led (eg.led).



5V **24V**
voltage voltage

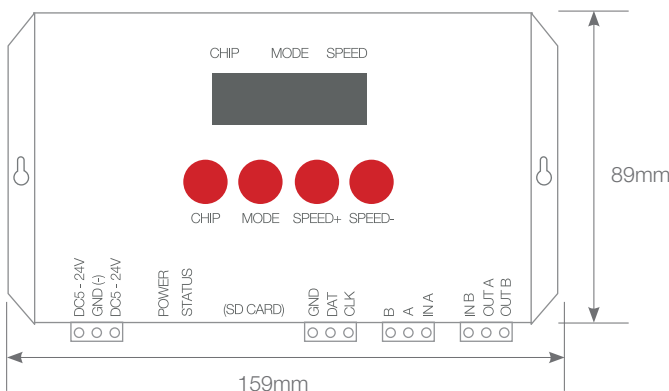


Ref: 46.020

Product	SD card
Capacity	128MB - 32GB
Format	FAT (128-2GB) / FAT32 (4GB-32GB)
File storage format	*.led

Product	digital led controller
Working voltage	5V-24V
Working current	< 60mA
Electric feed	by means of Jack connector or terminal with screws for cables
Maximum pixel load	512 a 30fps 1024 a 20fps 2048 a 10fps
IC compatible models	WS2811, WS2812B, TM1809, UCS1903 y TM1812
Working temperature	-20°C / +60°C
Product dimensions	159x89x24mm
Control types	by means of the buttons on the controller
Synchronous controller	yes, they can be synchronised by means of a mains cable connection and a RJ45 connector

Approved by:



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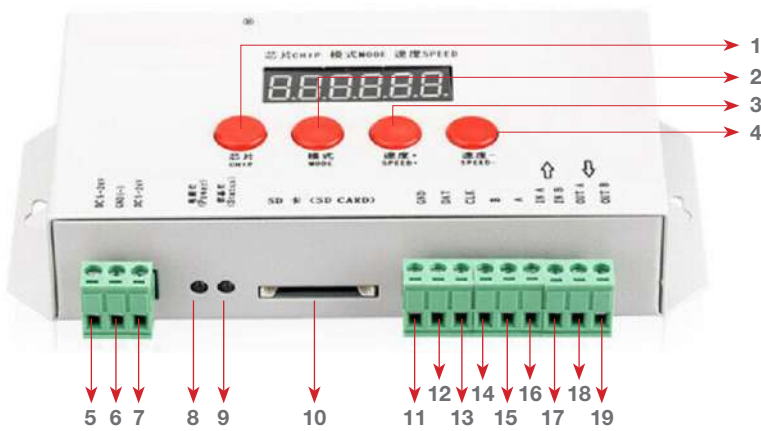
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Controller functions:



Buttons	Function
CHIP (1) SELECT CHIP	Press CHIP and next MODE to enter the code writing mode; 61 - Coding UCS512-A/B 62 - Coding WS2821 63 - Coding SM512 64 - UCS512-C
MODE (2) CHANGE FILES	
SPEED+ (3) ACCELERATE SPEED + (4) REDUCE	By pressing SPEED + SPEED at the same time, this allows you to continuously repeat the sequence ON/OFF

Entrance	
5V-24V (5)	Entrance feed of 5V
GND (6)	Earth connection for power supply
DC5V (7)	Entrance feed of 5V
SD CARD (10)	Slot for SD card (128MB - 32GB)

Indicators	
ERROR (8)	Error led indicator (incorrect working)
POWER (9)	Ignition led indicator (correct working)

Exits for the TTL/245 signal	
GND (11)	Earth signal
DAT (12)	Data signal
CLK (13)	Time signal

Exits for the DMX512 signal	
A (14)	B/DM- signal
B (15)	B/DM+ signal
GND (13)	Earth signal

Ports for the controller connection	
INPUT A (16)	Data entrance A for the synchronize function
INPUT B (17)	Data entrance B for the synchronize function
OUT A (18)	Data exit A of the synchronize function
OUT B (19)	Data exit B of the synchronize function

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Speed frame by levels:

Speed level	Frame frequency/sec	Speed level	Frame frequency/sec
1	4 frames	9	14 frames
2	5 frames	10	16 frames
3	6 frames	11	18 frames
4	7 frames	12	20 frames
5	8 frames	13	23 frames
6	9 frames	14	25 frames
7	10 frames	15	27 frames
8	12 frames	16	30 frames

Connection:

