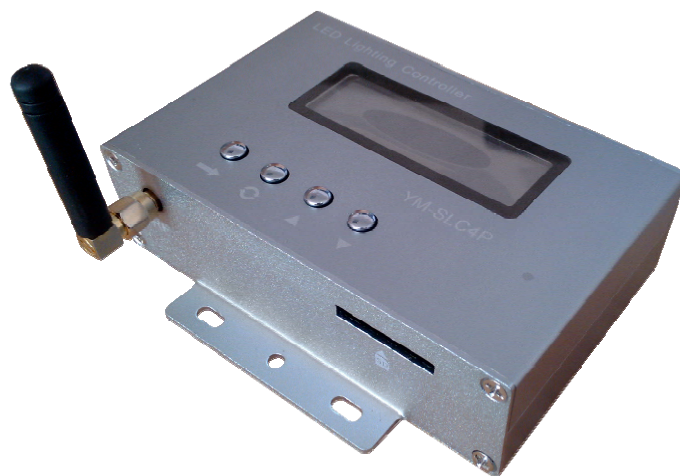




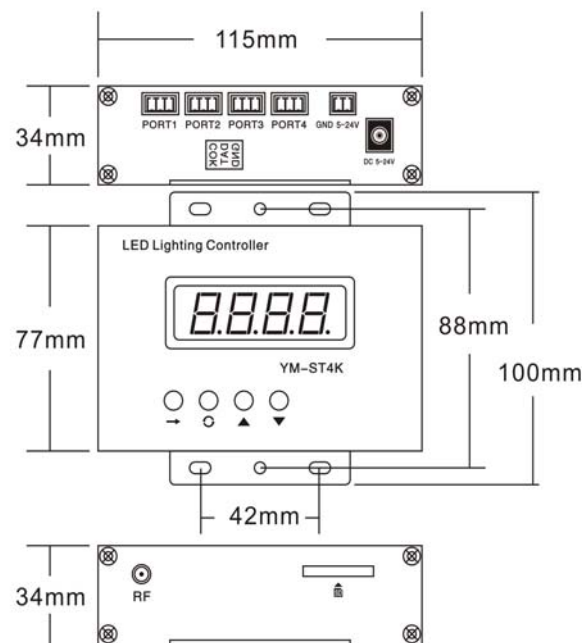
YM-ST4K-B MANUEL

1. YM-ST4K-B Character

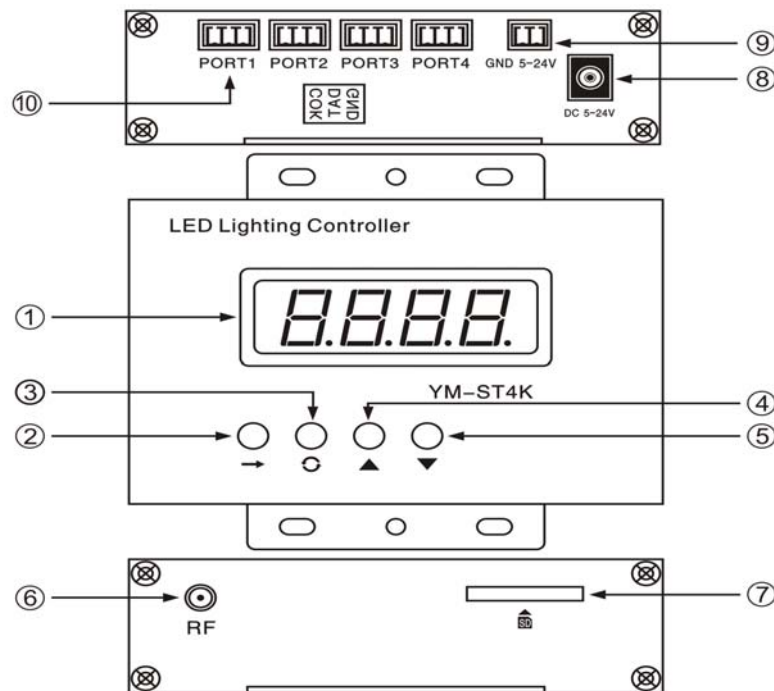
- wireless synchronize, control area 500 meters
- with 4 output ports, each port can load 1024 pixels.
- digital tube show the controller status.
- program saved in SD card, maximum 15 files.
- can adjust the play mode, speed etc.
- over voltage protection.
- support DMX512 protocol or others drive IC.

2. YM-ST4K Parameters

Dimension	115*100*34mm	Signal type	TTL
Weight	200g	Color level	RGB 256 levels
Voltage	DC 5-24V	Temperature	-20~65℃
Wattage	5W	Load pixels	4096
Output	4 ports	Software	LED CTL
Support IC	1 line: TM1804、TM1829、UCS1903、TLS3001、TLS3008; 2 lines: DMX512、P9813、LPD6803、LPD8806、SM16716、 WS2801、MBI6021、MBI6024、MY9221 etc.		



3. Panel function:



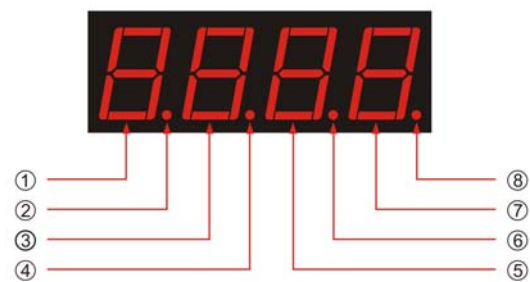
- ①: Digital tube display.
- ②: ➡: Single mode / select program.
- ③: ◯: Cycle mode.
- ④: ▲: Add speed(1-30).
- ⑤: ▼: Reduce speed(30-1).
- ⑥: Antenna port.
- ⑦: SD card
- ⑧: Power 1: DC 5-24V;
- ⑨: Power 2: DC5-24V; (use one of power)
- ⑩: Output signal port.

NOTE 1: “➡” + “▲” brightness add(1-10), “➡” + “▼” brightness reduce(10-1).

NOTE 2: switch of power, keeping press “◯” and switch on power, the controller will change mode. There are 3 mode, sender, receiver, and repeater.

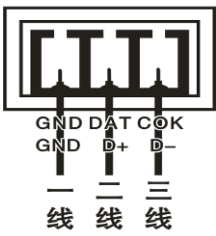
NOTE 3: switch of power, keeping press “➡” and switch on power, the controller will reset: Speed 20, brightness 10, sender mode.

4. Digital tube define:



- ①: Number of program. (1, 2, 3, 4, 5, 6, 7, 8, 9, 0, A, B, C, D, E, F)
- ②: Blinking indicator read SD card.
- ③: “ — ” means single mode, “ □ ” means cycle mode.
- ④: light on means sender, light off means receiver.
- ⑤ ⑦: Show plays speed.
- ⑥: Light on means the controller is repeater.
- ⑧: Blinking means receive sender signal.

5. Output port define:



	1	2	3
SPI	GND	DATA	CLK
DMX512	GND	D+	D-