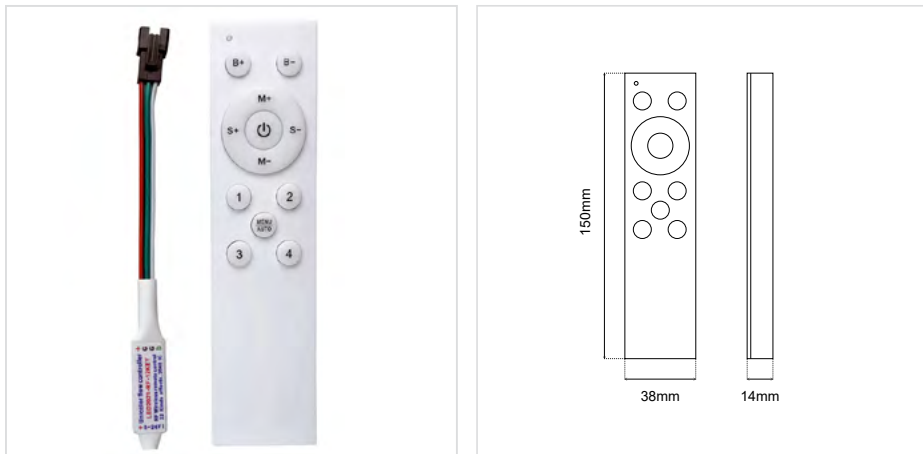


MINI CONTROLLER 2048 PIXEL RF 12 KEY WITH REMOTE


SKU: AC011003-007



I. Basic parameters:

1. Working voltage: 5–24V
2. Max control points: 2048 pixels (2048 ICs), can set single channel flow water.
3. Effect mode: 22 kinds of effects
4. Remote control distance: 15 meter
5. Battery model: Two No. 7 batteries
6. It can be equipped with multiple switch linkage control, and can learn coding grouping control. The switches used by multiple controllers in the same place do not interfere with each other.

II. Remote control button operation instructions:

	On/Off	B+	Brightness+	M+	Mode+	S+	Speed+
MENU AUTO	Menu set / Autoplay	B-	Brightness-	M-	Mode-	S-	Speed-
1	Run water light mode	2	Trailing mode	3	Breathing pattern	4	Meteor mode
Reset function: When the light is on, press the keys “1” and “2” at the same time to restore the factory default mode.							
MENU KEY: Press and hold for 5 seconds when the light is off to adjust the number of points. When the light is on, press and hold for 10 seconds to adjust the channel sequence menu.							

III. Controller adjustment LED point quantity method:

When the light is off, long press the “**MENU**” key for 5 seconds to enter the adjustment LED point quantity menu. At this time, adjust the LED points quantity by pressing the “**M+**” key and the “**M-**” key. The “**M+**” key is increase points and the “**M-**” key is reduce points. Long press to adjust quickly. After adjustment, press the “**⏻**” key to save and exit. There are 80 points by default factory, and the maximum can be adjusted to **2048** points.

IV. Matching code and code clearing between controller and remote controller:

Matching code operation method:

7. Disconnect the controller from the power supply first.
8. Press and hold the “**M+**” key and do not release it. At this time, plug the controller into the power supply, and the light bar flashes three times. The matching coding is successful. A controller can match six remote controllers, that is, it can be controlled by six remote controllers at the same time. Note that it is not one-to-one matching. If you want one-to-one matching, you need to clear the code first and then matching coding.

Clear the code to restore the operation method controlled by all remote controllers:

If you need to clear the code and resume being controlled by all remote controllers, repeat the above methods, press and hold the “**S-**” key without releasing, and connect the controller to the power supply. At this time, the light bar flashes slowly for three times, and the code clearing is successful. The controller is in code clearing status by default.

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V. Set the method of “single channel flow water (one IC splits three points)” or “single IC flow water (one IC, one point)”:

Single IC flow water (one IC, one point): it can control up to 2048 ICs, and the flow effect is not so soft (single IC flow water by default).

Single channel flow water (one IC splits three points): it can control up to 2048 channels, i.e. 682 ICs., and the flow effect is very delicate and soft (needs to manually adjust the correct RGB channel sequence).

Adjustment method: when the light is on, long press the “**MENU**” key for 10 seconds until the light bar flashes for 2 seconds to enter the channel sequence adjustment menu. At this time, press the “**S+**” or “**S-**” key to adjust the channel sequence. The 12 points in front of the light bar will demonstrate the LED single point water flow effect. If the channel adjustment is correct, the LED lights will flow sequentially from the first point to the 12th point. If the channel adjustment is incorrect, the LED lights will cross and flow irregularly. After adjusting the correct channel sequence, press the “**U**” key to save and exit. There are seven sequences in total, namely, 1. single IC flow water, 2. RGB 3, RBG 4, GRB 5, GBR 6, BRG 7. BGR. The correct channel sequence needs to be adjusted to work normally.