

## MINI DIGITAL CONTROLLER

## DIGITAL LED

Ref: 41.037

5V - 12V - 24V

- RGB digital controller plus remote control.
- 300 pre-recorded functions.
- Brightness adjustment, flashing, flickering and grading function.

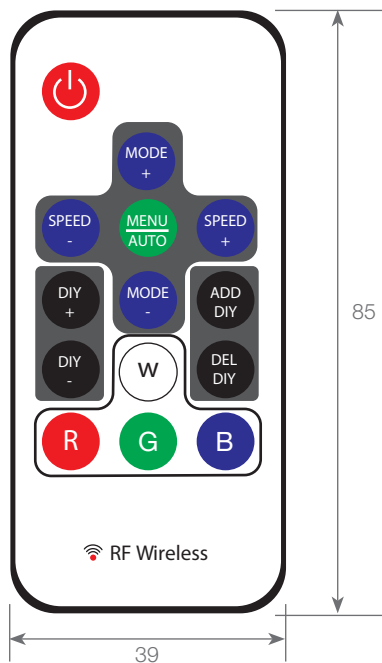
### Functions and features:

- RF integrated on the motherboard, sensitive and stable, simple and convenient.
- 300 kinds of effect programs.
- Maximum 2048 pixels can be controlled.
- Any combination with the 16 effect programs from the custom play list function. User can self-program.
- 14-key multi-function RF remote control (433.92 MHz). Powerful, intuitive operation, very far remote distance.
- RF remote control pairing function.
- Can be adjusted - 32 x brightness of static monochrome effect.
- Automatic playback, adjust the number of pixels, speed with power off auto-save feature.
- To purchase a master controller, you can wirelessly synchronize all controllers (within 500 metres).

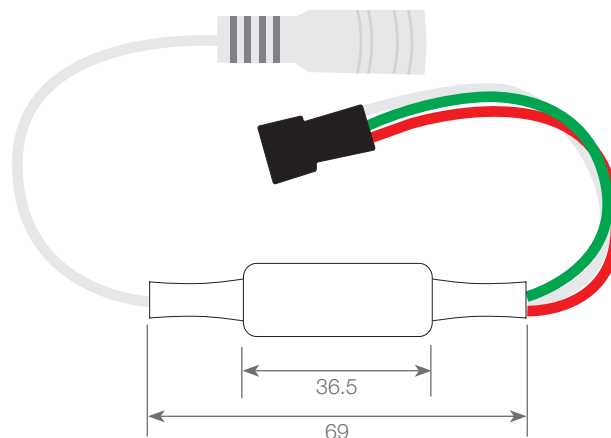


voltage voltage voltage

Working voltage	5V - 12V - 24V
Working current	<30mA
Maximum pixel load	2048px
Control mode	via remote control RF
Control battery	CR2025
RF signal distance	30 clear metre
RF wireless remote control distance	50 clear metre
Working modes	yes, 300 different types
Dimensions	85x39x5mm <small>remote control</small> 69x36.5x5mm <small>controller</small>
Working temperature	-20°C / +60°C
Memoria Memory	yes



Approved by: 



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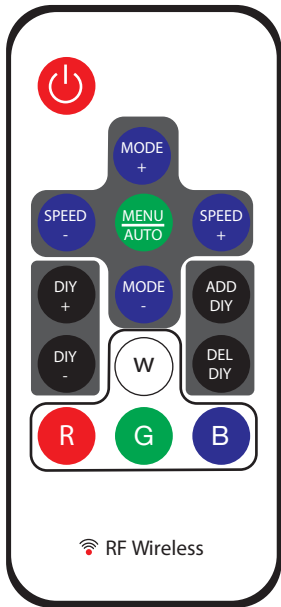
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### Operating Instructions:








The operating Instructions on working status (power on):



-  On/Off
-  Change working mode from 1 to 300.
-  Change working mode from 300 to 1.
-  Speeds + (10 speeds, adjustable) / brightness + (to adjust brightness, + function in static monochrome effects. (32 x adjustable brightness - long press 15s can achieve the brightest).
-  Speeds - (10 speeds, adjustable) / brightness - (to adjust brightness, - function in static monochrome effects).
-  AutoPlay feature. If you want to auto play 300 kinds of the programmed effects, first press “MODE + ” key and then press this button. If you want to auto play the customised list, first press “DIY + ” key and then press this button.
-  The current program effects are added to the customised list. We can add up to 16 programs.
-  For deleting the current programmed effects from the custom play list.
-  Effects + of custom play list.
-  Effects - of custom play list.
-  Static white / cancels RF remote control and the “controller match” feature, long pressing this button for 5 seconds will cancel RF remote control with the controller matches. The controller can be used with all RF remotes. If successful, the white light flashes three times.
-  Static red.
-  Static green / sets the RF remote control and “controller match” feature, long pressing this button for 5 seconds will set RF remote control with the controller matches and the controller can't be used with other RF remotes. If successful, the green light flashes three times.
-  Static blue - (press the “MODE +” key to switch to static yellow, static cyan, static purple).







### The menu operating instructions at shutdown status:

Adjust pixel points::

1. First, ensure that the controller is “off” status. Please press the  for shutdown.
2. Long press  key for 3 seconds to go to the pixel points adjustment menu.
3. Press the  and  to adjust the number of pixel points, press the  and  each adjustment 32 pixel points.
4. After adjustment press  to save and exit.

Adjust light strip RGB colour sequence:

With play status (turned on), if you press R-G-B key and colour is not displayed, check the following:

1. First, ensure that the controller is on “off ”status, and if not, please press the  shutdown key.
2. Long press  key for 3 seconds to enter the pixel points adjustment menu.
3. Press the  key to adjust, until the light is displayed as red.
4. Press the  key to adjust, until the light is displayed as green.
5. Press the  key to adjust, until the light is displayed as blue.
6. After adjustment press  button to save and exit.

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**Product Connection:**

**Supply:**

This product contains a female jack to generate its connection.

**Output:**

The product contains a highly standardised three-skewer connector. The product is prepared for flexible 3-track strips (GND, DATA, V+). If in our installation we have a flexible strip or modules containing 4 tracks (GND, DATA, BACKUP and V+), the quick connector of the product must be removed and the cables joined by means of power strips. The DATA and BACKUP cables of the strip will be joined together to connect it with the controller's data output cable.

**Note:**

Before tensioning the product, make sure that the dynamic flexible strip is well connected.

