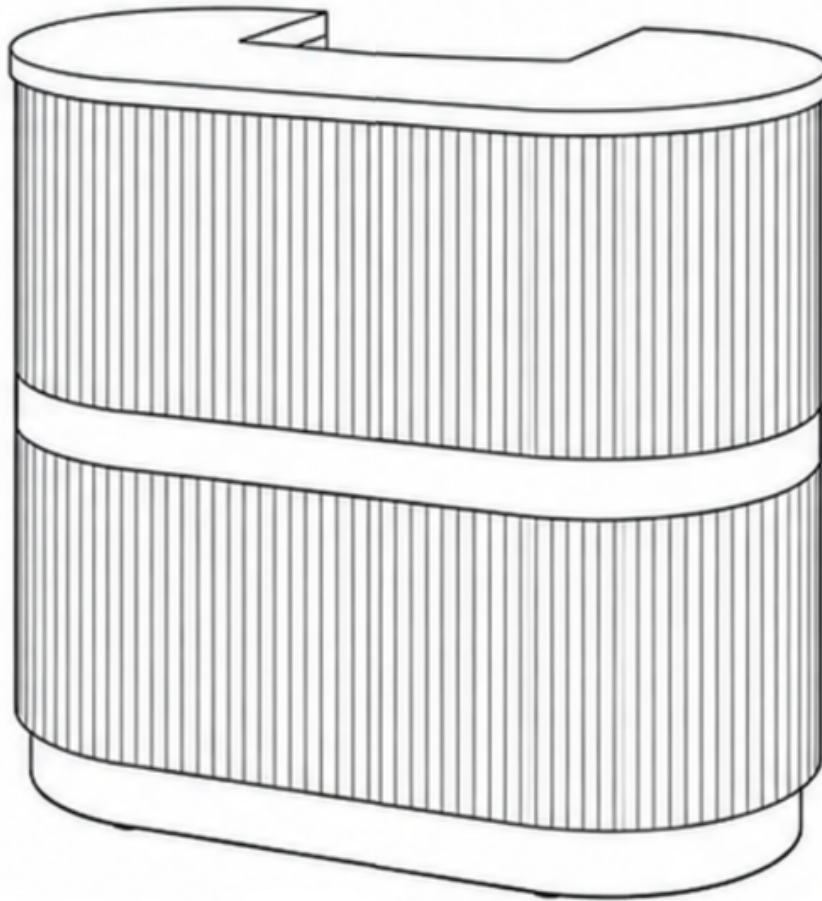




USER
MANUAL
**RECEPTION DESK
PB-R042**



**RF WIRELESS CONTROL
(22 MODES)**

FUNCTION GUIDE

1. POWER & STATIC COLORS



BLUE



RED

2. BRIGHTNESS ADJUST



DIM

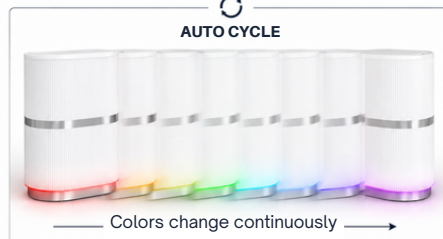


BRIGHT

3. DYNAMIC MODES & DEMO



AUTO CYCLE



Colors change continuously →

4. SPEED CONTROL



FAST SPEED

Smooth and gradual color transition



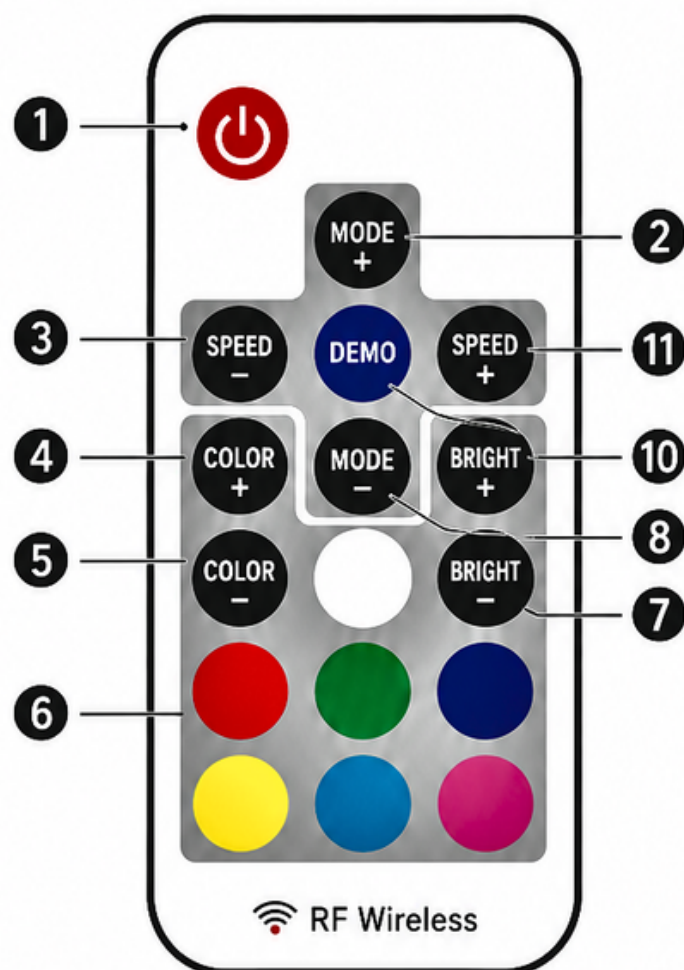
SLOW SPEED

Quick and energetic color change



RF WIRELESS RGB LED CONTROLLER

USER INSTRUCTIONS



BUTTON FUNCTIONS

- 1 Power / Standby
- 2 Mode +
- 3 Speed -
- 4 Color +
- 5 Color -
- 6 Direct Color Selection
- 7 Brightness -
- 8 Mode -
- 9 Demo
- 10 Brightness +
- 11 Speed +

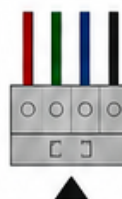
OPERATION

-  **Power / Standby:** Turn the controller on or enter standby. When powered on, it restores the previous setting.
-  **Mode + / Mode -:** Select static colors or cycle through dynamic modes.
-  **Speed + / Speed -:** Adjust the speed of dynamic effects.
-  **Color + / Color -:** Select a static color.
-  **Brightness + / Brightness -:** Adjust brightness in static-color mode.
-  **Demo:** Plays 17 dynamic modes in sequence, repeating each mode three times.

INSTALLATION



Input: DC 5–24 V. Connect red to positive (+) and black to negative (-). Ensure the power-supply voltage matches the LED load.

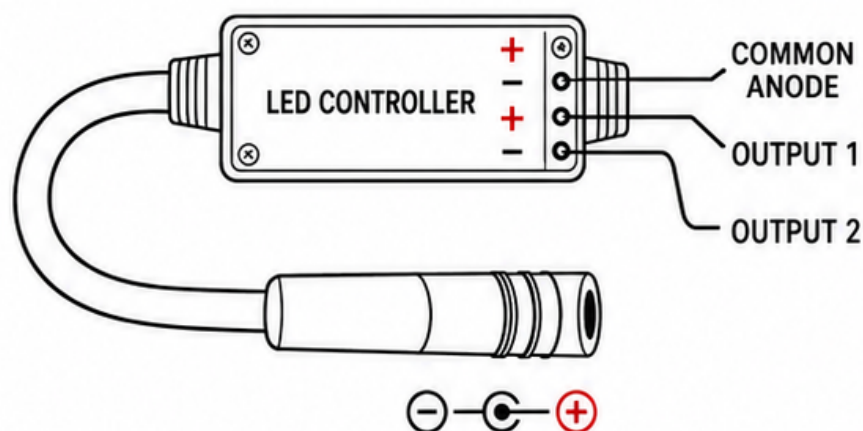


Output: Common-anode RGB LED connection. The triangle mark indicates the common positive terminal.

FEATURES

22 Dynamic Modes • 20 Static Colors • RF Remote • Smooth Effects •
Adjustable Speed • Adjustable Brightness

RF LED CONTROLLER — USER MANUAL



SAFETY NOTICE

Peak output current: 4 A per channel.
Maximum continuous current:
2 A per channel.
Reduce the load if the controller
overheats.

**CAUTION: Do not short-circuit
or overload the LED outputs.
Permanent damage may result.**

1 USING THE REMOTE

Remove the battery insulation tab before use. The RF signal can pass through common barriers, so the remote does not need to be aimed directly at the controller.

Do not install the controller inside a closed metal enclosure, as this may reduce reception.

2 PAIRING A NEW REMOTE

Turn off power to the controller. Wait 5 seconds, then restore power. Within 5 seconds, press COLOR + and BRIGHT + together. The controller will recognize the new remote.

One controller can pair with up to 3 remotes. One remote can control multiple controllers.

3 FREE PAIRING MODE

Turn off power to the controller. Wait 5 seconds, then restore power. The controller will temporarily accept any compatible remote. To return to a specific remote, repeat the pairing procedure above.

SPECIFICATIONS

Dynamic Modes	22
Static Colors	20
PWM Resolution	256 levels
Brightness Levels	5
Speed Levels	10
Demo Mode	Yes
Direct Color Selection	Yes
Output Color Order	6 options
Working Voltage	DC 5–24 V
Output Current	3 × 4 A peak; 3 × 2 A continuous
Remote Frequency	433.92 MHz
Remote Range	Over 15 m in open areas

Parts and Features

Features:

- No Assembly Required – Fully assembled and ready to use out of the box
- Modern Minimalist Design – Clean white finish with layered panel details
- Integrated LED Lighting – LED strip enhances the counter area
- Cable Management – Discreet rear openings for power cords and accessories
- Durable Construction – Scratch-resistant, easy-to-clean finish
- Spacious Countertop – Suitable for POS systems, paperwork, or display

Specifications

- Dimensions: 39.5" x 20" x 42"
- Material: MDF + High Gloss White Laminate
- Lighting: Built-in LED strip (Multiple colors)
- Power Supply: AC 110–240V / 50–60Hz

