# RF Wireless Touching LED RGB Controller

## Features:
- Use RF signal for telecontroller, free and easy operation, no direction in 20 meters;
- Wide options of over 640,000 colors, adjust to your needs;
- 8 grades brightness adjusting, to achieve real energy-saving;
- With auto & manual color change mode;
- Long life, lifespan up to 40000 hours;
- Low energy consumption;
- No UV radiation, no stroboflash;
- Accord with European Union CE, RoHS directive.

## Dimensions:

![Dimensions Diagram](image)

## Specifications:
- **Name:** LED RGB Controllers
- **Input Voltage:** DC12V, DC24V (optional)
- **Connection type:** Common anode
## Functions of Keys

1. **Key 1**: on/off  
2. **Key 2**: light changing mode (15 modes)  
3. **Key 3**: color light/white light switching mode  
4. **Key 4**: turn up (brightness/speed)  
5. **Key 5**: turn down (brightness/speed)

### How to use

1. Press Key 1 to turn on/off in any state.  
2. Press Key 2 to activate light changing mode, a new mode each press, 15 modes in total.  
3. Press Key 3 once to activate white light mode, changing brightness by pressing Key 4/Key 5  
4. Resume function. The previous settings will be resumed while power on again.  
5. **Matching code**  
   - Press Key 4 once within 3 seconds when power on again, the light will blink 3 times if matching is successful.  
6. **Clearing Code**  
   - Press Key 4 five times within 3 seconds when power on again, the light will blink 6 times if clearing is successful.

### Technical Specifications

- **Radio frequency**: 433.92MHz  
- **Receiver sensitivity**: -105dbm  
- **Radio receive way**: ASK  
- **Max STDBY current**: 10mA  
- **Max load**: 5A (each circuit)  
- **Control mode**: PWM  
- **Control way**: 3 ways, respectively corresponding R、G、B three colors  
- **Static power consumption**: 30LED/M: ≤5.4W  
  60LED/M: ≤10.8W  
- **Static current**: 30LED/M: 450mA  
  60LED/M: 900mA  
- **Working temperature**: -20~80 degrees  
- **Material**  
  - Controller: aluminum  
  - Remote: ABS+PC  
- **Life span**: 50,000h  
- **Size**  
  - Remote: 114×56×22mm  
  - Controller: 66×64×24mm  
- **Packing**: 4.5×8×12.5cm  
- **G.W.**: 0.16kgs/set  
- **Telecontrol distance**: 20m  
- **Max no. of memory telecontroller**: 6pcs
### Feature chart for Key 2

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Brightness Adjustment</th>
<th>Speed Adjustment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Auto color changing</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>three colors jumps to change</td>
<td>8 grades of speed to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>seven colors jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>three colors jumps to gradual change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>seven colors jumps to gradual change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>red color jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Blue color jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Purple color jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Gree color jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Yellow color jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Cyan color jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>white color jumps to change</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Red/blue light twinkles alternately</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Green/blue light twinkles alternately</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Red/green light twinkles alternately</td>
<td>8 grades of brightness to adjust by pressing Key 4 or Key 5.</td>
<td></td>
</tr>
</tbody>
</table>
Press Key 4 once within 3 seconds when power on again, the light will blink 3 times if matching is successful.

Press Key 4 five times within 3 seconds when power on again, the light will blink 6 times if clearing is successful.

3.

Press Key 3 once to activate white light mode, changing brightness by pressing Key 4/Key 5.

or changing light color by touching the color ring.