



EV-RGBCTRL-WHL

12V / 24V RF Remote Touch Wheel Color Change Dimmer



- RGB Dimmable LED Controller for 12V or 24V DC RGB LED strip, Touch Color Control wheel over 60 possible colors
- Link as many controllers (EV-RGBCTRL-WHL) to a single remote to create very large displays
- Control up to 4 different controllers (EV-RGBCTRL-WHL) from a single remote
- Various color patterns, inc on/off, Dimming, and different sequences (Static Red, Green, Yellow, Blue, Pink, Cyan, White), Abrupt Change for 3 or 7 colors, Gradual Change for 3 or 7 colors. Variable time change, Pause.
- Can also be used to control any 12V or 24V LED up to 6A per channel (3 channels)
- Radio Frequency control - 33ft range
- 12V DC (or 24V) driver required to power this controller, dependent on LED strip wattage
- Max power Controlled 216W @ 12V (CMOS open drain, Common Anode)
- Size: 3.35" L x 1.77" W x 0.91" H (85mm L x 45mm W x 23mm H)
- Remote 433MHz, 4.72" L x 2.05" W x 0.79" H (120mm L x 52mm W x 20mm H)
- Battery: 2 x AAA (No Batteries included)
- 0.23kg / 0.5lb
- Working temp -20C to +60C
- 1 year warranty

Control Modes:

| Controller Button | Mode |
|-------------------|--|
| | In Any State, Turn ON or OFF |
| | To Speed up Changing Progression (100 steps) |
| | To Slow down Changing Progression (100 steps) |
| | To change to the Next Mode |
| | To Increase the Brightness (100 steps) |
| | To Reduce the Brightness (100 steps) |
| | Multi-color Touch Wheel – In M+/- Mode, choice of 60 Static colors |
| Zone 1-4 | Select the Zone 1-4, Turn on with 'I', turn off with 'O' |

Programs:

| Program | Pattern | Remark |
|---------|---------------------------------|--|
| 1 | Fade In and Fade out | Different colors fade into each other |
| 2 | Strobe White | White color Strobes |
| 3 | RGB Fade In Fade Out | Fades In ad Out the Colors Red, Green, Blue and White one after another |
| 4 | 7 Color Flash | Red, Green, Blue, Yellow, Purple, Cyan, White – sequence |
| 5 | Disco – different colors strobe | Different colors strobe |
| 6 | Red Color Ramp up and Flash | Red color changes brightness from 0% to 100%, then off, then flashes 3 times |
| 7 | Green Color Ramp up and Flash | Green color changes brightness from 0% to 100%, then off, then flashes 3 times |
| 8 | Blue Color Ramp up and Flash | Blue color changes brightness from 0% to 100%, then off, then flashes 3 times |
| 9 | Color Change+ Flash | Several colors fade into each other then flash randomly |

TIPS:

To DIM all RGB lights at once, or change the color, first press 'Master On'. To do this with individual lights, first press the 'Zone On'. Secondly, choose the color or brightness according to the color ring or brightness ring.

For RGB strip, the WHITE is mixed from Red, Green and Blue

Linking additional Controllers to the to the remote control:

- 1) Choose which zone you want to assign the additional controller (EV-RGBCTRL-WHL) (1 to 4)
- 2) Switch off the main power supply of the controller (EV-RGBCTRL-WHL) selected zone with the main switch or pull the plug from the socket
- 3) Now switch on the controller (EV-RGBCTRL-WHL) again, and within 3 seconds shortly press one of the 'Zone ON' buttons one time on the remote control
- 4) When the link operation is successful, the light slowly blinks 3 times on and off.

Unlinking Controller from the Remote Control:

- 1) Check via the remote control to see which Zone (1 to 4) is already linked to a controller (EV-RGBCTRL-WHL)
- 2) Switch off the main power supply of the controller (EV-RGBCTRL-WHL) selected zone with the main switch or pull the plug from the socket
- 3) Now switch on the controller (EV-RGBCTRL-WHL) again, and long press one of the 'Zone ON' buttons which you want to un-link
- 4) When this unlink operation is successful, the light quickly blinks 9 times on and off.

Grouping of Lights:

You can add an endless number of controller (EV-RGBCTRL-WHL) to a zone on the 4 channel remote by linking the lights to different zones.

Typical Application:

