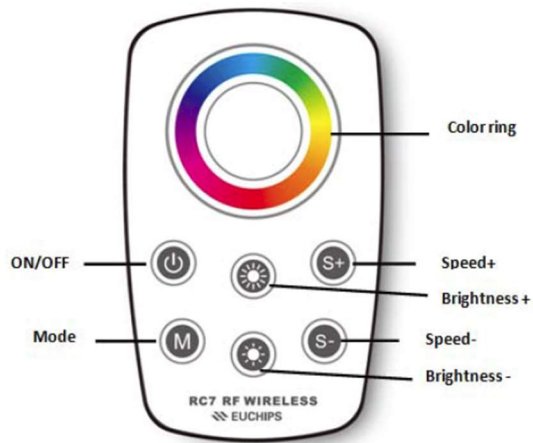# RC 7
2.4GHz RGBW Remote Controller

Product Features:

- Using 2.4GHZ RF remote control, for up to 65' transmission.
- Ability to adjust full-color, brightness, and pre-programmed color changing modes.
- Recommended for the following controllers: MCT309, CT302, CT318, CT420.
- Easy to use!

Technical Parameters:

- Power: Requires quantity 1 - 3V button battery (CR2032)
- Remote maximum distance: 65' (20m)
- Wireless frequency: 2.4Ghz ISM
- Material: PC + ABS
- Dimensions: 3.9"x2.4"x0.35" (100*61.5*9mm) (L*W*H)
- Weight: 16oz. (35g)

Remote Control Features:

- **ON/OFF**: Press only ONCE to turn on or off (Also used for matching & clearing codes – see below). **Attention:** When matching the code, you will press the on/off button 3 times quickly, and when clearing the code, you will press the on/off button 6 times quickly. But, only press once for on/off functions.
- **Color ring:** Touch the color ring to enter static color mode, in this mode, slide your finger on the color ring to choose the color you want. Note: The color ring will only respond to human finger touch.
- **Brightness-/Brightness+**: Adjust the LED lights brightness. Hold down to adjust brightness more quickly.
- **Speed-/Speed+:** Increase or decrease the speed of light color change.
- **Mode:** Change the pre-loaded modes, hold down to change color to white. **Note:** The mode, brightness level and speed parameters are set in the LED controller, the remote controller is only used for sending the commands.

Programming:

1. **Install battery:** If present, remove protective tape from battery and install battery with the positive (+) side facing the back of the remote control. When installing the battery, do not touch the color ring or any of the keys. Touching any of the controls while installing battery may result in erratic remote-control behavior. Wait 5 seconds after installing battery before use. If you experience erratic behavior when using any functions or color ring, please carefully re-install the battery as described above.
2. **Matching code**: The remote control can be used after matching its code with the LED controller. To match code: After putting battery in remote control, apply power to the LED controller. Then, power off the controller for 10 seconds. After 10 seconds, power on the LED controller. Within 5 seconds of power on, press the remote's "ON/OFF" button 3 times quickly, the LEDs connected to the LED controller will flash 3 times confirming code has been matched.
   Remark: A remote control can be matched to numerous LED controllers. Also, each LED controller can be controlled by up to 10 remote controls at the same time.
3. **Clear existing code and re-match:** For various reasons, you may need to clear the code and re-match a controller and remote control pairing. Before re-matching you must clear the existing code as follows: Press the on/off button on the remote control, then power off the LED controller for 10 seconds. After 10 seconds, power on the LED controller. Within 5 seconds of power on, press the remote's "ON/OFF" button 6 times quickly, the LEDs connected to the LED controller will flash 6 times confirming code has been cleared. After successfully clearing the code, re-match the remote control with the LED controller using the "Matching code" procedure 1 above.
4. **The RC7 controller can be used to control several different 2.4GHz LED controller models:** For example: CT318, CT420, MCT309, CT302, RGBW bulb lights, etc.