



rgb controller

The Oracle RGB controller is a unique DIY version as well as a powerful combination that can control color changes of LED lights with 4-pin 3-channels (common anode) and built-in 18 modes with touch functional buttons. Provided with the IR wireless remote control panel, users can control color changes of LED light by pressing the button on the controller or on the remote control panel that is very user-friendly.

1. Technical Specs

LT-3800-5A Constant voltage controller	
Power supply chosen	DC CV SMPS
Input voltage	DC5V~DC24V
Max load current	5A/CHx3CH 15A Max
Max load power	75W/180W/ 360W(5V/12V/24V)
Changing mode	18 modes
Scale level	256 steps per RGB
Static dimming	mixing up 4096 colors
Working temperature	-30°C-65°C
Dimension	L142xW73xH30mm
Package size	L145xW88xH46mm
Weight (G.W)	350g

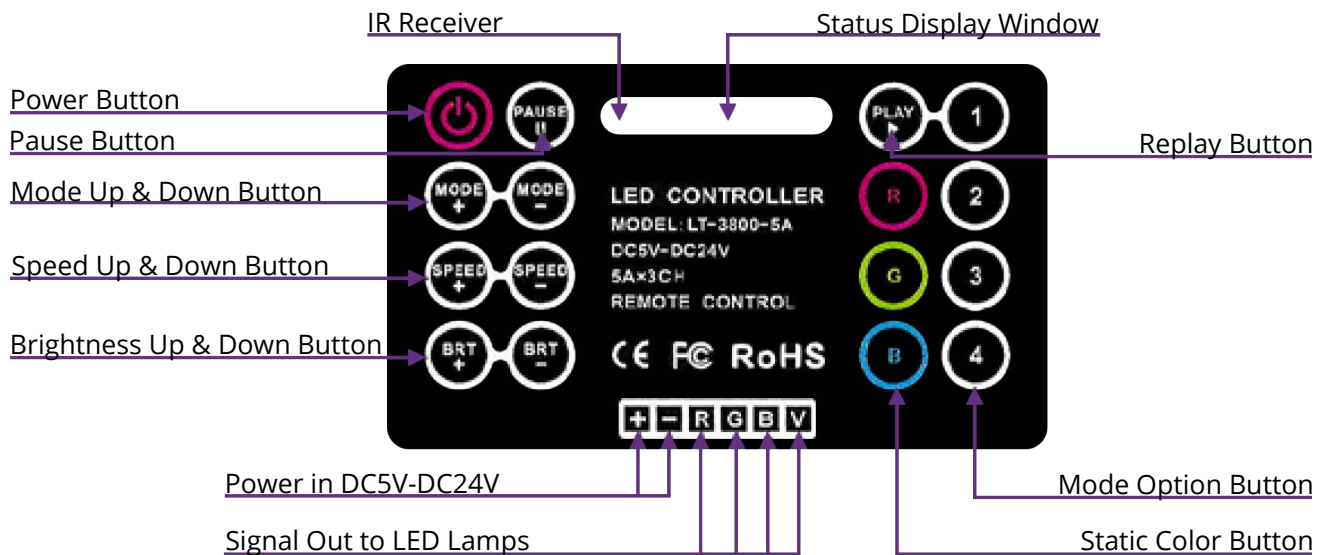
2. Features

1. Automatic switch from DC5V-DC24V.
2. With 24 buttons IR wireless remote control, reliable control distance can reach as far as 10m.
3. Several DIY storage buttons to record your favorite effect.
4. 0-100% dimming and 16 levels of static brightness per RGB, can mix 4096 colors.
5. 3-channel RGB full color control, maximum outputs 5A per channel.
6. 256 grey steps per RGB, color-smooth effect is gentle and accurate.
7. Can choose changing speed separately and adjust the brightness of each mode.
8. Can rest at current color and color depth by selecting PAUSE function.
9. Working with the Oracle LT-3060, can expand power unlimitedly.

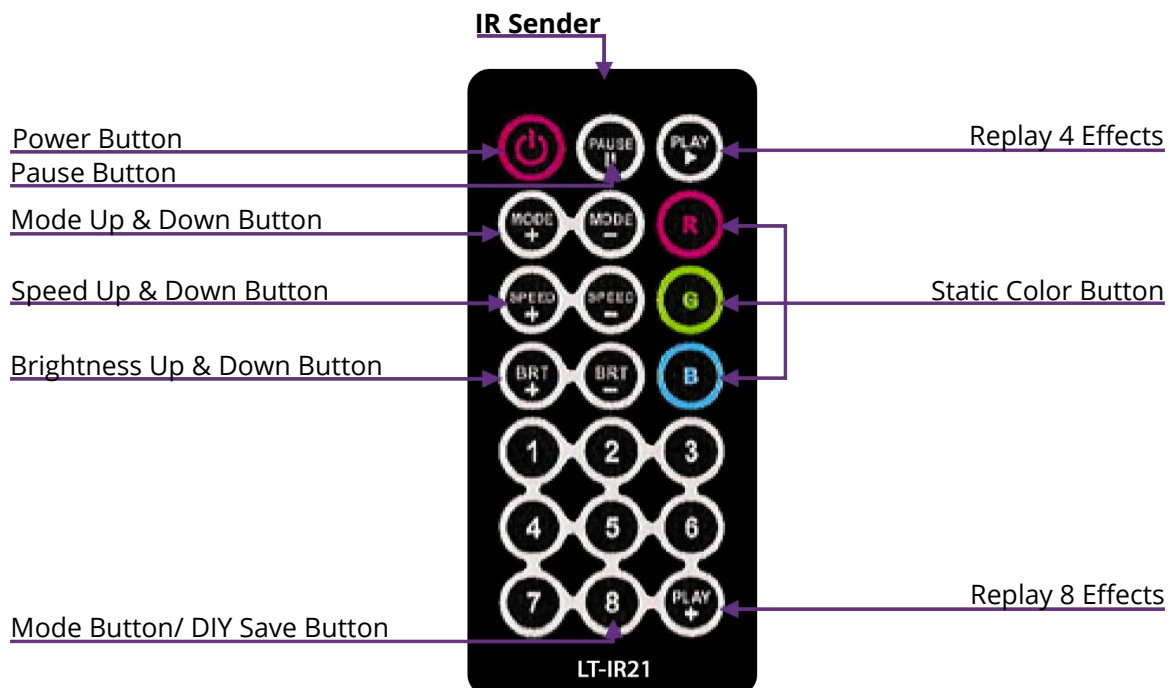
3. Operating instructions

1. Instructions of controller and remote's keys:







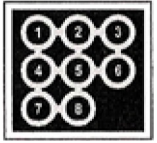



Instruction of controller's buttons



Instruction of IR remote's buttons

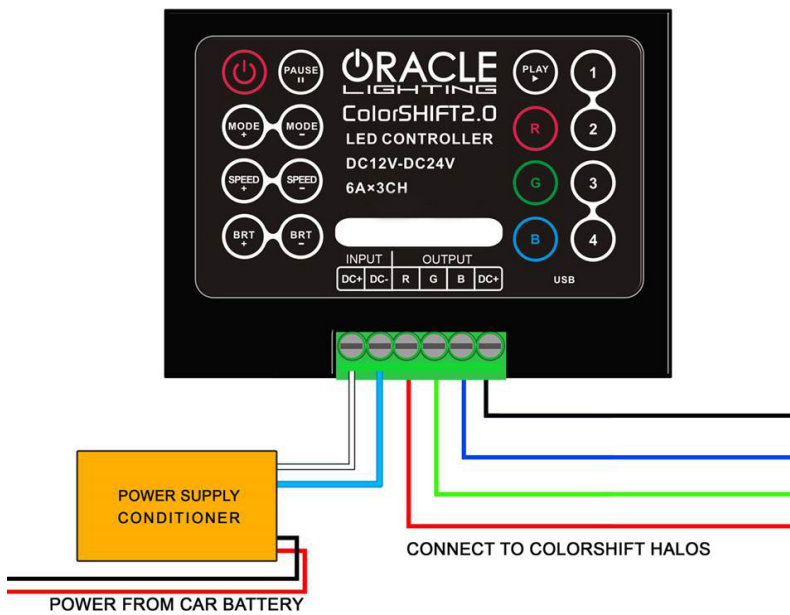


4. Detailed key functions

Sign	Button	Description
	ON /OFF	Turn on/off the controller. Any button can start the controller at off status.
	PAUSE	Press this button, it will rest at current color. It will continue to change if press again. Press this button in 3 seconds, the buzzer can be on or off.
	MODE+ MODE-	Press them to select next mode or back to previous mode (pls refer to the VI item). Press MODE+ or press MODE- over 3s to enter cycle mode.
	SPEED+ SPEED-	Press them to quicker or slower speed, press SPEED+ or SPEED- over 3s, current speed is restored to default status.
	BRT+ BRT-	Press them to increase or decrease brightness, press anyone over 3s, current brightness is restored to default status.
	DIY modes	Press them over 3s, LED flickers twice, then remember current change mode on this button, it can save 4 modes, just press it once, then enter into pre-setup mode.
	DIY modes of remote	Press them over 3s, LED flickers twice, then remember the current mode on this button, it can save 8 modes, later can reach your pre-setup mode by just pressing it once.
	PLAY	Cycle play the 4 pre-setup modes in the controller.
	RGB Dimming key	1.Press single R, G, B key continuously to change the brightness of RGB LED. 2. In single R, G or B dimming status, press BRT+/BRT- key to increase/decrease the brightness of current LED.
	PLAY+	Cycle play the 8 pre-setup modes in the IR remote Controller.

- Note:**
1. The functions of 1-4 DIY keys on the controller are the same with the 1-4 DIY keys on the remote control.
 2. The cycle play buttons can only play the dynamic changing effects, if DIY reserved a static color, the static color will be skipped when pressing the cycle play button.

5. Conjunction diagram



6. Attention

1. This product is non-waterproof, please avoid the sun and rain. Put it in a waterproof box if install outdoor.
2. The condition of radiation will affect the working life of the controller, please install the product in a good radiation condition.
3. Please check if the output voltage of the LED power supply comply with the voltage range of the product.
4. This product is a high current device, please ensure a solid connection in order to avoid poor contact to damage parts and trigger fires.
5. Ensure all wire connection are correct before power debugging, which is to avoid lamps to be burnt because of wrong connection.
6. All the switching power supply must be well grounded, so as not to affect the working life of LED.
7. Please do not maintain it by yourself if any fault, please contact your supplier if any question.

7. Alter-sale service:

The warranty excludes improper connection to power supply, overload working, etc., human damages and force majeure factors.

Repair or replacement as provided under this warranty is the exclusive remedy of the customer. Oracle shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.

For the sake of the convenience to repair, please don't tear up or obliterate the label on product.

This manual is only apply to this model, any update is subject to change without prior notice.