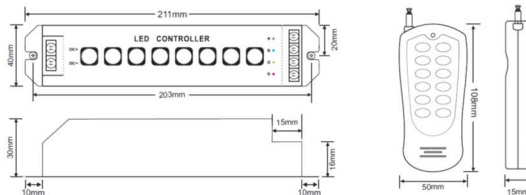


# RGB Controller and Amplifier LT Series

Item Code : LSR-LTC-3600RF

**Stand alone handset and receiver controller, PC case, Exquisite design**



Power Supply Chosen	DC CV SMPS
Input Voltage	DC12V ~ DC24V
Max Current Load	6A × 3CH
Max Output Power	216W/432W(12V/24V)
Grey Scale	1024×1024×1024
Remote Controlling Distance	100m
Radio Frequency Range	433.92MHz
RF Remote Output Power	8mW
Working Temperature	-30℃ -55 ℃
Dimension	L211×W40×H30(mm)
Package Size	L313×W50×H32(mm)
Weight (G.W.)	230g






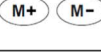

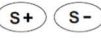

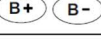
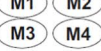
There are 8 function buttons on the receiver, the 8 keys on the receiver correspond to the first 8 keys on the remote handset: ON/OFF, PAUSE, MODE+, MODE-, SPEED+, SPEED-, BRT+, BRT-.

## **The learning of remote control:**

*Learning ID:* Press button ON/OFF on the receiver for 3 seconds, it is on the state of addressing when RF green indicator light is on. Then press any button on remote handset, the indicator light turns off, the controlling between the remote handset and the receiver is activated.

*Cancelling ID:* Press the ON/OFF key over 5 seconds, The RF green indicator light is on and then off, press any button on remote handset, the RF green indicator light start flickering, it means the controlling between remote handset and receiver is cancelled.

# RGB Controller and Amplifier LT Series

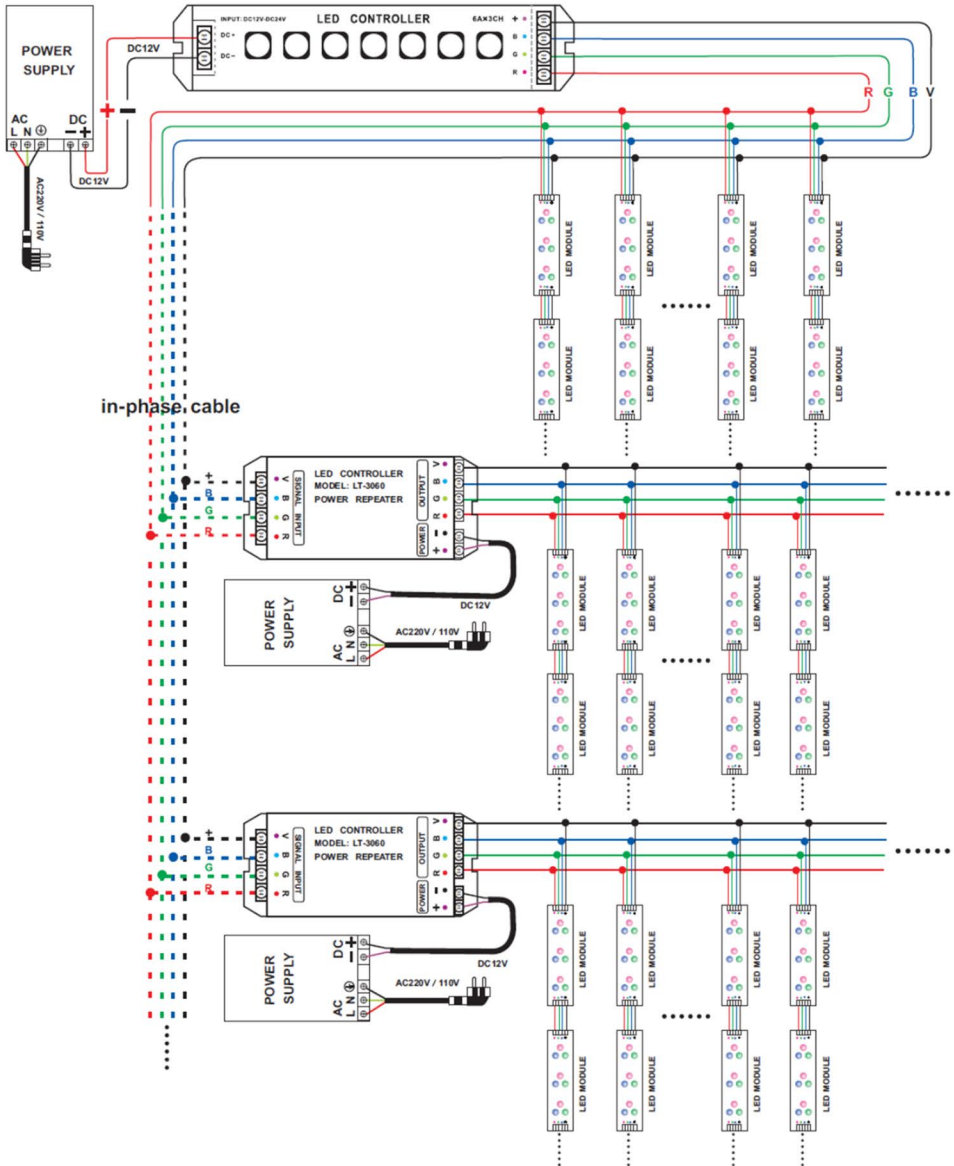
Receiver Sign	RF remote Control Sign	Button	Description
		<b>ON/OFF</b>	• Close or open receiver (on or off LED lamps).
		<b>PAUSE</b>	<ul style="list-style-type: none"> <li>• Press this button to rest at current color,</li> <li>• Press it again, it will continue to change.</li> <li>• Other function: Press in 3 seconds, the buzzer can be on or off.</li> </ul>
		<b>MODE+ MODE-</b>	<ul style="list-style-type: none"> <li>• Press the keys to select the change modes.</li> <li>• Press <b>MODE+</b> over 3 seconds to enter cycle mode automatically.</li> <li>• Press <b>MODE-</b> over 3 seconds to enter DIY cycle mode automatically.</li> </ul>
		<b>SPEED+ SPEED-</b>	<ul style="list-style-type: none"> <li>• Press the keys to quicken or slower speed.</li> <li>• Press <b>SPEED+</b> over 3 seconds, all speed change is restored to default status.</li> <li>• Press <b>SPEED-</b> over 3 seconds, the current change is restored to default status.</li> </ul>
		<b>BRT+ BRT-</b>	<ul style="list-style-type: none"> <li>• Press the keys to increase or decrease brightness. If keep pressing, the brightness will change continually.</li> </ul>
		<b>4 DIY Keys</b>	<ul style="list-style-type: none"> <li>• Press the keys for 3 seconds, the receiver will save the present function mode automatically, which can save 4 modes and save repeatedly as well.</li> <li>• Press "Mode-" in 3 seconds, the receiver will play these 4 DIY modes automatically.</li> </ul>

**Note:** press "MODE-" key for 3 seconds, merely play the dynamic effects. If the DIY modes save the static effects, that will be skipped.

## Tables of Changing Modes:

Sequence	Modes	Description
1	Static Red	Brightness Adjustable
2	Static Green	Brightness Adjustable
3	Static Blue	Brightness Adjustable
4	Static Yellow	Brightness Adjustable
5	Static Purple	Brightness Adjustable
6	Static Cyan	Brightness Adjustable
7	Static White	Brightness Adjustable
8	3 color Skipping	Brightness and Speed Adjustable
9	7 color Skipping	Brightness and Speed Adjustable
10	White Color Strobe	Brightness and Speed Adjustable
11	3 Color Smooth	Brightness and Speed Adjustable
12	Full Color Smooth	Brightness and Speed Adjustable
13	RG Color Smooth	Brightness and Speed Adjustable
14	RB Color Smooth	Brightness and Speed Adjustable
15	GB Color Smooth	Brightness and Speed Adjustable
16	White Color Fade & Change	Brightness and Speed Adjustable

# RGB Controller and Amplifier LT Series

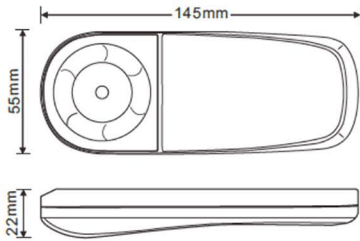


# RGB Controller and Amplifier LT Series

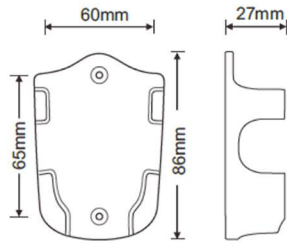
## 2.4G LED RGB Controller

**Item Code:**

**LSR-LTC-T3M / LSR-LTC-T3CV**



T3M RF remote control



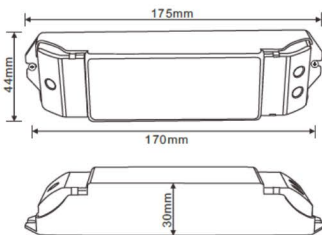
Remote holder

### T3M Remote Handset Controller :

- Input Voltage: DC5V Built-in Lithium Battery
- Working Current: <30mA
- Working Frequency: 2.4GHZ
- RF Remote Distance: 30m
- Remote Option: Sync or Zone Control
- Change mode: 18 Fantastic modes

- Battery Capacity: 1000mAh
- Standby Time: 6 months
- Normal Using Time: 30 days
- Dimension: L145×W55×H22(mm)
- Package Size: L168×W102×H28(mm)
- Weight (G.W.): 200g

### T3CV Constant Voltage Receiver:



### T3-CV Receiving controller

- Input voltage: DC5V-DC24V
- Max current load: 6A×3CH Max 18A
- Max output power: 90W/216W/432W(5V/12V/24V)
- Compatible remote control: T1/T2/T2M/T3/T3M/T3X
- Working temperature: -30℃~55℃
- Dimension: L175×W44×H30(mm)
- Package size: L178×W48×H33mm
- Weight (G.W.): 110g

# RGB Controller and Amplifier LT Series

## The learning ID method of remote control:

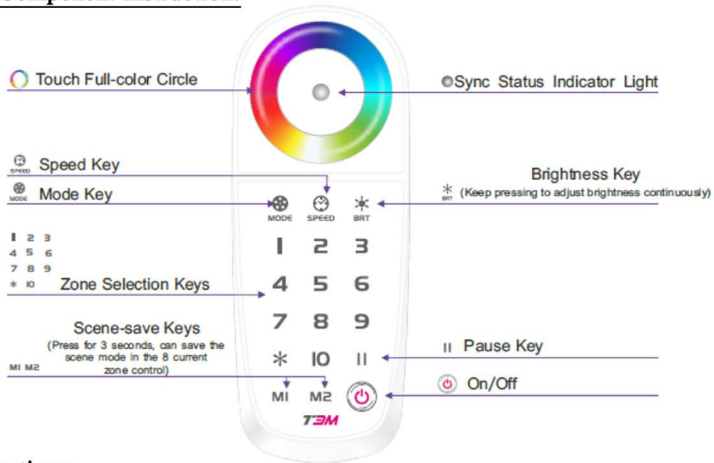
T3-CC/T3-CV learning ID:

1. Turn on the receiver and remote control.
2. Short press "ID learning button" on the receiver, the running light keeps on, then long press any keys of 1-10 zone on the remote, the running light returns to flash (the buzzer long beep, the green light flashes 3 times), activated successfully.

## T3-CC/T3-CV cancelling ID:

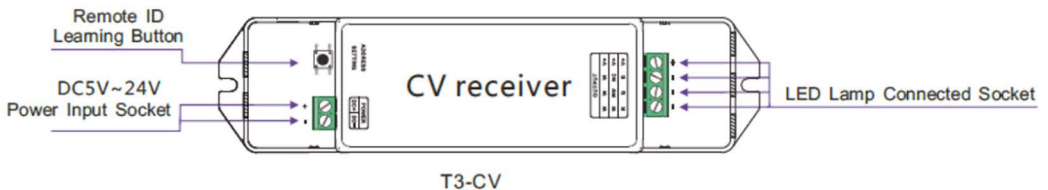
1. Turn on the receiver and remote control.
2. Press "ID learning button" on the receiver more than 8 seconds, the buzzer beep twice, delete all the learned remote. If installing multiple receivers in one zone, repeat steps above, choose the same area key when ID learning

## Operation Panel and Component Instruction:



## Zoning Instructions:

- Select one of the zone: Press keys 1-10 on the remote control.
- Select zone control arbitrarily :Press" \*any number\* ", eg: take 456 as a zone, should press" \*456\*"
- All choose(10 zones): Press"\*" twice.
- Press "Pause" button in 3 seconds, the buzzer can be on or off.



# RGB Controller and Amplifier LT Series


## Tables of Changing Mode:

No.	Mode	Description	No.	Mode	Description
1	3 Colors Skipping	Speed/Brightness Adjustable	10	Green Cyan Color Smooth	Speed/Brightness Adjustable
2	7 Colors Skipping	Speed/Brightness Adjustable	11	Blue Purple Color Smooth	Speed/Brightness Adjustable
3	White Strobe	Speed/Brightness Adjustable	12	Green Yellow Color Smooth	Speed/Brightness Adjustable
4	7 Colors Strobe	Speed/Brightness Adjustable	13	Blue Cyan Color Smooth	Speed/Brightness Adjustable
5	Rgb Fade out and Fade in	Speed/Brightness Adjustable	14	Red Purple Color Smooth	Speed/Brightness Adjustable
6	Red Green Color Smooth	Speed/Brightness Adjustable	15	Blue White Color Smooth	Speed/Brightness Adjustable
7	Red Blue Color Smooth	Speed/Brightness Adjustable	16	Yellow Purple Cyan Color Smooth	Speed/Brightness Adjustable
8	Green Blue Color Smooth	Speed/Brightness Adjustable	17	RGB Color Smooth	Speed/Brightness Adjustable
9	Red Yellow Color Smooth	Speed/Brightness Adjustable	18	Full-color Smooth	Speed/Brightness Adjustable

## Other Special Functions:

### A. Reset Function:

**Feature:** Reset function is available when remote operates abnormally.

**Operation:** Long press  simultaneously, release the 2 keys after 3 seconds, the remote will auto off,

means reset completed. and then could restart the remote.




### B. Check and Edit the Frequency Point on the Remote:

**Feature:**

- Revising the frequency point to eliminate the external disturbance. 12 revisable frequency points for user.
- Multiple remotes sync-control becomes available when they use the same frequency point.




**Attn:** After reset or revised the frequency points in the remote, receivers only can be used after relearn the ID.

**Check the Frequency Point on the Remote:**

Turn on the remote, long press the on/off key  for 5 seconds until the red light  flashes 3 times, and then the green light  flashes, the numbers of the green flash will be the frequency point of the remote. you can only edit the frequency point after 3 seconds.

**Edit the Frequency Point on the Remote:** In frequency changing state

Method 1: short press any key from 1-9, the frequency point will be 1-9 correspondingly, the green light will flash in the same numbers. Press again any key or touch the color circle to exit the frequency edit state.


Method 2: long press "on/off" key  over 5 seconds, the green light  flashes, the flash times plus 1 means the frequency point accumulate 1. In short, long press the "on/off" key  5 seconds each time, the frequency point will accumulate 1, which will again become value 1 when added to 12, and that cycle repeats.

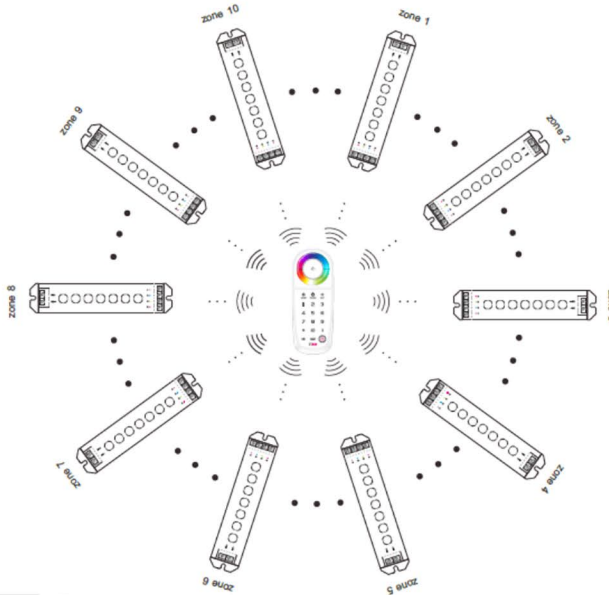
## The Charging Methods for Remote Control:

- When charging, please connect USB cable to the mobile charger or computer with the USB interface.
- The blue indicator light flickers while charging, and turns green means the charging is completed. The remote control can be chargeable even at the OFF state, on which the indicator light is black.
- No memory effect in the lithium battery of remote control. Follow the standard charging procedure even for the first three times, no need over charge.
- Red indicator light flickers meaning low battery and need to be charged. charging in low battery will affect life of battery.
- The remote should be full charged and stored under low cold drying while a long time without being operated. And please full recharge every 3 months.

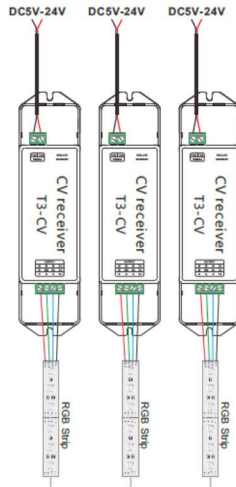
# RGB Controller and Amplifier LT Series

## System Diagram:

 The receivers can be divided into 1~10 zones within effective distance(1pc receiver per zone), no wiring needed between the receivers.



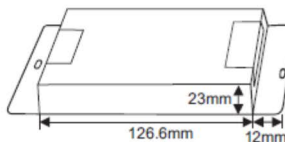
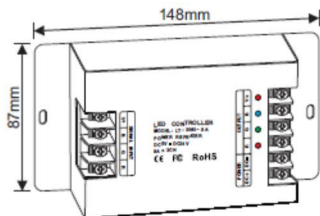
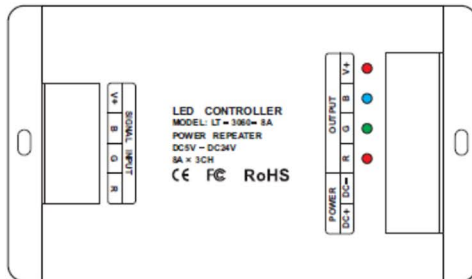
## Wiring Diagram:



# RGB Controller and Amplifier LT Series

## RGB Signal Amplifier, Power Repeater

Item Code : LSR-LTA-3060-8A



Power Supply Chosen	DC CV SMPS
Input Voltage	DC5V ~ DC24V
Max Load Current	8A/CH×3CH Max 24A
Max Output Power	120W(5V) 288W(12V) 576W(24V)
Working Temperature	-30 °C ~ 65 °C
Dimension	L148×W87×H23(mm)
Package Size	L158×W94×H31(mm)
Weight (G.W.)	380g

**Maximum length from controller to repeater can be 500meters.**

**Also Play with DMX Decoders, LED Dimmers etc.**



# RGB Controller and Amplifier LT Series

