



T Series LED Remote Controller

(This manual applies to: T1/T2/T2M/T3/T3M/T3X)



T1

Dimming
(8 zones)



T2

Color Temperature



T2M

Color Temperature
(8 zones)



T3

RGB Sync Control



T3M

RGB Zone Control
(10 zones)



T3X

RGB Programmable

Index

General Information	1~5
T1 (Dimming)	6~9
T2 (Color Temperature)	10~13
T2M (Color Temperature)	14~17
T3 (RGB)	18~21
T3M (RGB)	22~25
T3X (RGB)	26~29
After Service	30
Reset and Edit the Frequency Point	31

A Notice for the Remote Charging:

1.  When charging, please connect USB cable.

2. For T1



Charging



Completed

For T1, the white indicator light flickers while charging, and turns lasting light means the charging is completed.

For T2/T2M/T3/T3M/T3X



Charging



Completed

For T2/T2M/T3/T3M/T3X, the blue indicator light flickers while charging, and turns green means the charging is completed.

The remote can be chargeable even at the OFF state, on which the indicator light is dark.

3. 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.

4. Indicator light flickers meaning low battery and need to be charged.
(red light for T2/T2M/T3/T3M/T3X, white light for T1)
Charging in low battery will affect the life of battery.

For T1



LED indicator (White) flickers means low battery.

For T2/T2M/T3/T3M/T3X



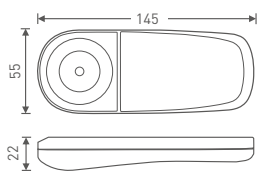
LED indicator (Red) flickers means low battery.

5. The remote should be full charged and stored at a ventilated and dry place when long time no use, and please full recharge every 3 months.

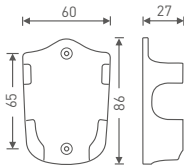
B Technical Specs:

T1/T2/T2M/T3/T3M/T3X Remote Control

Charging Voltage:	5Vdc (Built-in Lithium Battery)
Working Current:	<30mA
Working Frequency:	2.4GHz
RF Remote Distance:	30m
Battery Capacity:	1000mAh
Dimensions:	L145×W55×H22(mm)
Package Size:	L168×W96×H34(mm)
Weight (G.W.):	230g



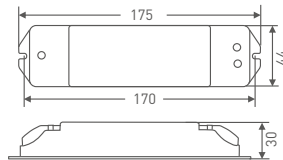
T1/T2/T2M/T3/T3M/T3X



Remote Holder

T3-CV Receiving Controller

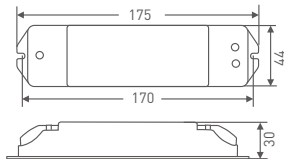
Compatible Remote:	T1/T2/T2M/T3/T3M/T3X
Input Voltage:	5~24Vdc
Wireless Signal:	2.4GHz
Max Current Load:	6A × 3CH Max 18A
Max Output Power:	90W/216W/432W(5V/12V/24V)
Working Temp.:	-30℃~55℃
Dimensions:	L175×W44×H30(mm)
Package Size:	L178×W48×H33(mm)
Weight (G.W.):	140g



T3-CV

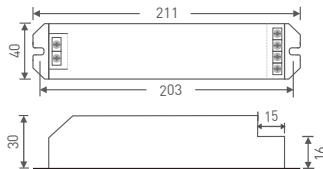
T3-CC Receiving Controller (Current 3 in 1)

Compatible Remote:	T1/T2/T2M/T3/T3M/T3X
Wireless Signal:	2.4GHz
Input Voltage:	12~48Vdc
Output Voltage:	3-46Vdc
Output Current:	CC 350/700/1050mA × 3CH
Output Power:	1.05W~48.3W × 3CH Max 144.9W
Working Temp.:	-30℃~55℃
Dimensions:	L175×W44×H30(mm)
Package Size:	L178×W48×H33(mm)
Weight (G.W.):	150g

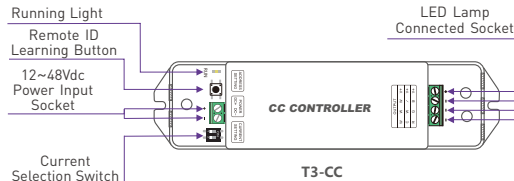
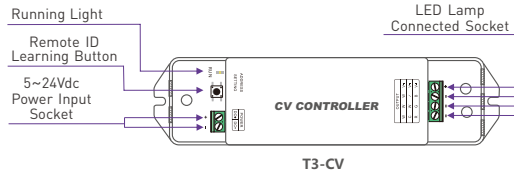

T3-CC

T3-5A Receiving Controller

Compatible Remote Control:	T3/T3M/T3X
Wireless Signal:	2.4GHz
Input Voltage:	12~24Vdc
Max Current Load:	5A x 3CH Max 15A
Max Output Power:	180W/360W(12V/24V)
Working Temp.:	-30℃~55℃
Dimensions:	L211×W40×H30(mm)
Package Size:	L215×W43×H33(mm)
Weight (G.W.):	165g

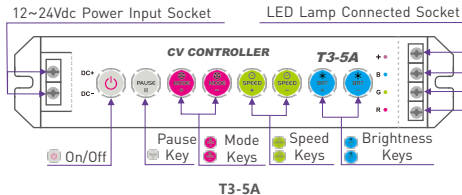

T3-5A

C Terminal of Receivers:



Operation Table

OFF	OFF	OFF	ON	ON	ON
350mA	700mA	1050mA			



T1 LED Dimming Controller

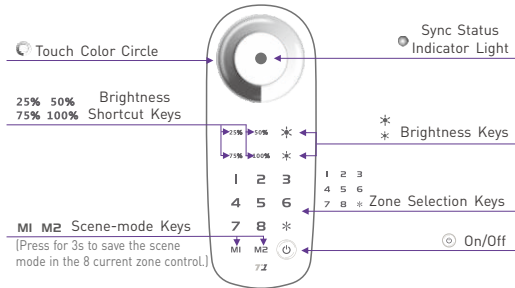


T1 remote works with T3-CV, T3-CC receiver.

T1 can realize the signal sync on multiple receivers, zone controlled arbitrarily (no more than 8 zones) within effective distance, a very good solution for the LED project needs sync/zone control wirelessly.

Can RF remote the functions of dimming, quick brightness selection and DIY and so on. User-friendly color wheel for brightness adjustment, unique LED state light for sync change indicated, user can simply know the LED working state from distance by checking the remote control.

1. Operation Panel and Component Instruction:





Zone Control Instruction:

- Select one of the zone: press any key of "1-8" on the remote.
- Select zone control arbitrarily: press "*" + any number + "*", eg: take 456 as a zone, should press "*456*".
- All choose (8 zones): press "*" twice.
- When a zone is under inactive state, press the corresponding zone No. to light up that zone.

Buzzer on/off: Press "Zone Selection Key" * for 3 seconds.

2. The Learning ID Method of Remote:


Learning ID:

- A. Turn on the receiver and remote.
- B. Short press "ID learning button"  on the T3-CC/T3-CV receiver, the running light keeps on, then long press any "1-8" "zone-selection key" on the T1 remote, the running light returns to flash (the buzzer long beep, the indicator light  flashes 3 times), activated successful.



If installing multiple receivers in one zone, repeat the above steps, choose the same zone key when ID learning.

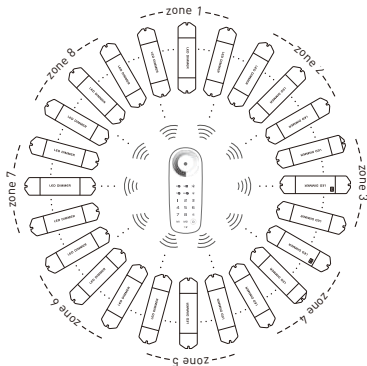
Canceling ID:

- A. Turn on the receiver and remote.
- B. Press "ID learning button"  on the T3-CC/T3-CV receiver more than 8s, the buzzer beep twice, delete all the learned remote.

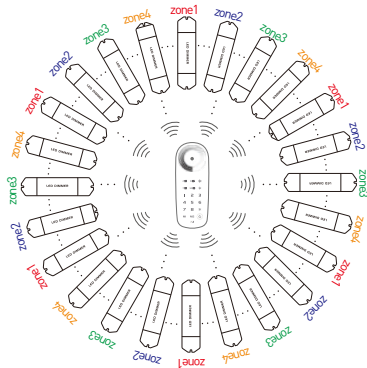
T1 remote works with T3-CV, T3-CC receiver.

3. System Diagram:

Unlimited receivers can be installed in per zone within the effective distance, no wiring needed between the receivers, the installed quantity of LED receivers in per zone can be increased or decreased at any time based on the actual requirements. If you want to increase or decrease the receivers, just activate or cancel the control ID on the remote control will be fine, no any changes and effects on other receivers.

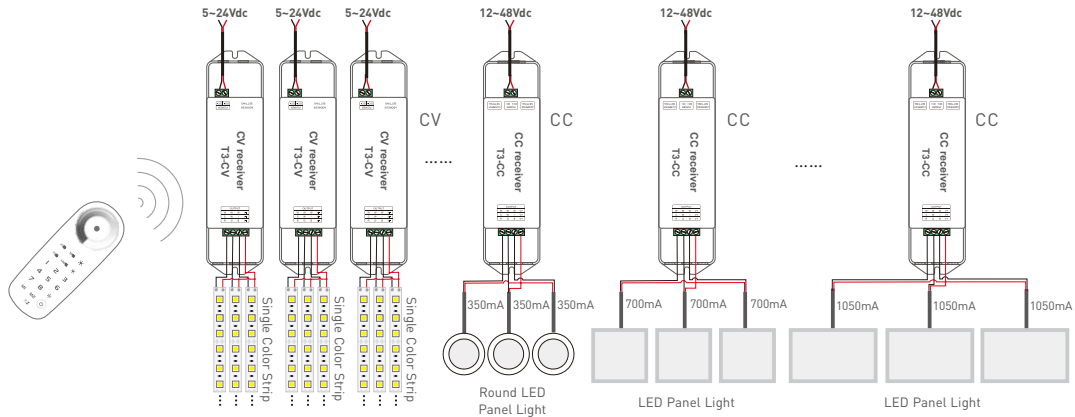


Centralized Zone-division



Spacing Zone-division

4. Wiring Diagram:



T2 LED Color Temperature Controller

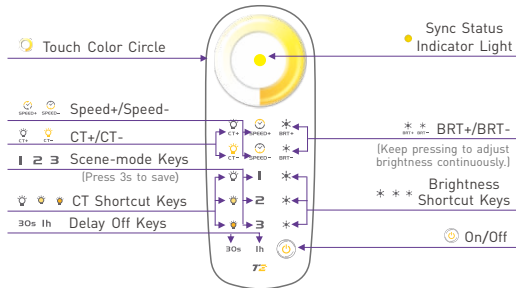


T2 remote works with T3-CV, T3-CC receiver.

T2 can realize the signal sync on unlimited receivers within effective distance, a very good solution for the LED project needs sync control wirelessly.

Can RF remote the functions of color temperature dimming, quick color temperature/brightness selection, DIY and delay off and so on. User-friendly color wheel for color temperature adjustment, unique LED state light for sync change indicated, user can simply know the LED working state from distance by checking the remote control.



1. Operation Panel and Component Instruction:




★Buzzer on/off: Press "Delay Off key" 30s for 3 seconds.

2. The Learning ID Method of Remote:


Learning ID:

1. Turn on the receiver and remote.
2. Short press "ID learning button"  on the T3-CC/T3-CV receiver, the running light keeps on, then long press any key on the T2 remote (except "On/Off" key), the running light returns to flash (the buzzer long beep, the indicator light  flashes 3 times), activated successful.

 If you want to control multiple receivers synchronously, just follow the above instructions for each receiver.

T2 remote works with T3-CV, T3-CC receiver.

Canceling ID:

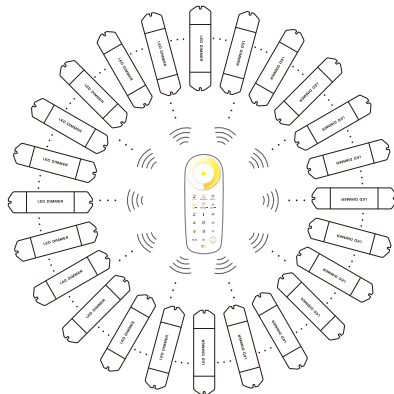
1. Turn on the receiver and remote.
2. Press "ID learning button"  on the T3-CC/T3-CV receiver more than 8s, the buzzer beep twice, delete all the learned remote.

3. System Diagram:



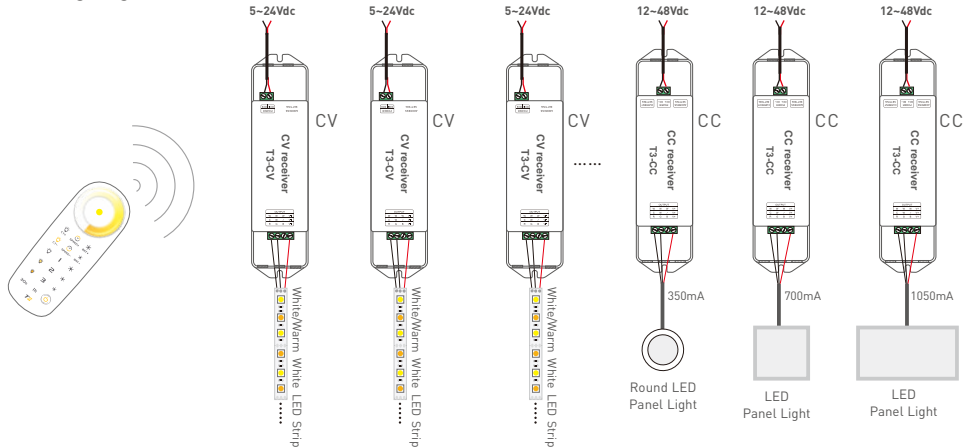
Unlimited receivers can be installed within effective distance, no wiring needed between the receivers, which can be less or more in quantity according to your need for the installation.

If you want to increase or decrease the receivers, just activate or cancel the control ID on the remote control will be fine, no any changes and effects on the other receivers.



No quantity limit of the receivers.

4. Wiring Diagram:



T2M LED Color Temperature Controller

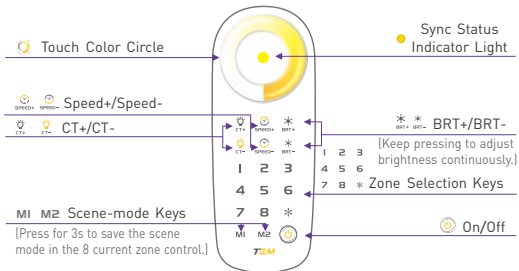


T2M remote works with T3-CV, T3-CC receiver.

T2M can realize the signal sync on multiple receivers, zone controlled arbitrarily (no more than 8 zones) within effective distance, a very good solution for the LED project needs sync/zone control wirelessly.

Can RF remote the functions of color temperature touch adjustment, brightness adjustment, and DIY scene modes. User-friendly color wheel for color temperature adjustment, unique LED state light for sync change indicated, user can simply know the LED working state from distance by checking the remote control.

1. Operation Panel and Component Instruction:





Zone Control Instruction:

- Select one of the zone: press any key of "1-8" on the remote.
 - Select zone control arbitrarily: press "*" + any number + "*", eg: take 456 as a zone, should press "* 456 *".
 - All choose(8 zones): press "*" twice.
 - When a zone is under inactive state, press the corresponding zone No. to light up that zone.
- ★Buzzer on/off: Press "Zone Selection Key" * for 3 seconds.

2. The Learning ID Method of Remote:

Learning ID:


- A. Turn on the receiver and remote.
- B. Short press "ID learning button"  on the T3-CC/T3-CV receiver, the running light keeps on, then long press any "1-8" "zone-selection key" on the T2M remote, the running light returns to flash (the buzzer long beep, the indicator light  flashes 3 times), activated successful.



If installing multiple receivers in one zone, repeat the above steps, choose the same zone key when ID learning.

T2M remote works with T3-CV, T3-CC receiver.

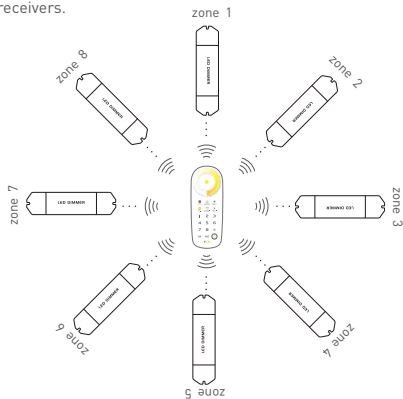
Canceling ID:


- A. Turn on the receiver and remote.
- B. Press "ID learning button"  on the T3-CC/T3-CV receiver more than 8s, the buzzer beep twice, delete all the learned remote.

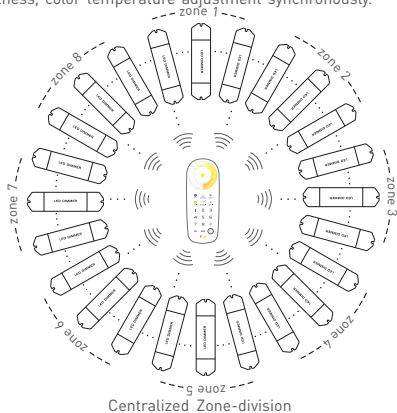
3. System Diagram:



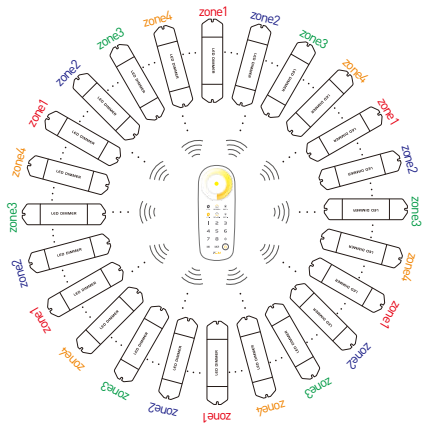
The receivers can be divided into 1~8 zones within effective distance(1pc receiver per zone), no wiring needed between the receivers.



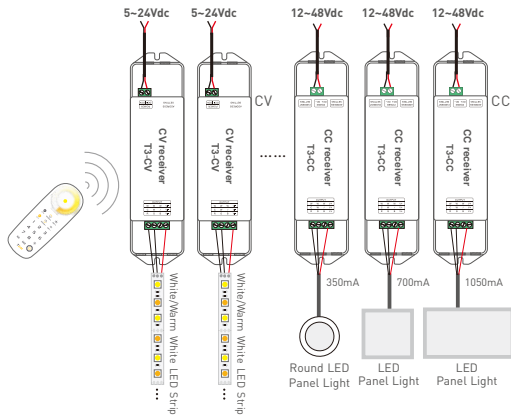
If you don't need color temperature smooth mode by pressing the  **SPEED+** each zone can set up unlimited receivers and achieve brightness, color temperature adjustment synchronously.



4. Wiring Diagram:



Spacing Zone-division



T3 LED RGB Controller

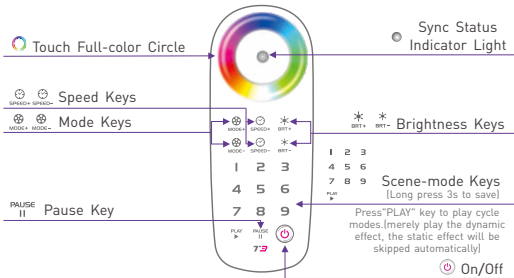


T3 remote works with T3-CV, T3-CC, T3-5A receiver.

T3 can realize the signal sync on unlimited receivers within effective distance, a very good solution for the LED project needs sync control wirelessly.

Can RF remote the functions of switch, pause, changing modes, changing speed and the brightness and so on. Built-in 32 changing modes, you can save the changing modes in the shortcut key as you like, which not only can call at any time, but also can combine into a program to play in loop.



1. Operation Panel and Component Instruction:





★ **Buzzer on/off:** Press "Pause key" ^{PAUSE} for 3 seconds.

2. The Learning ID Method of Remote:

T3-5A Learning ID:



- A. Turn on the receiver and remote.
- B. Press "on/off"  on the T3-5A for 2s, there is a buzzer sound, keep press, then press any key on the T3 (except "on/off" key) until the indicator light  flashes 3 times(the buzzer long beep at the same time), learning ID successful, release all the keys.

T3-5A Cancelling ID:


- A. Turn on the receiver and remote.
- B. Press "on/off"  on the T3-5A for 2s, there is a buzzer sound, keep press, after 5s press any keys on the T3 (except "on/off"), until the indicator light  flashes 3 times, release all the keys.

T3 remote works with T3-CV, T3-CC, T3-5A receiver.

T3-CC/T3-CV Learning ID:

- A. Turn on the receiver and remote.
- B. Short press "ID learning button"  on the T3-CC/T3-CV receiver, the running light keeps on, then long press any keys (except "on/off") on the T3, the running light returns to flash (the buzzer long beep, the green light  flashes 3 times), activated successful.

T3-CC/T3-CV Cancelling ID:

- A. Turn on the receiver and remote.
- B. Press "ID learning button"  on the T3-CC/T3-CV receiver more than 8s, the buzzer beep twice, delete all the learned remote.




If you need to control multiple receivers synchronously, follow the above steps for each receiver.

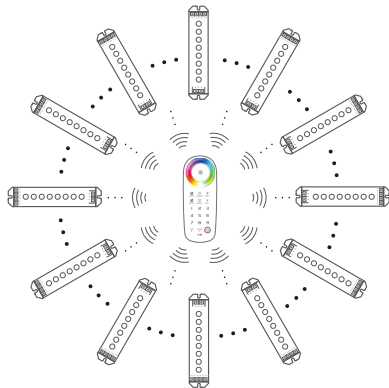
3. Tables of Changing Mode:

No.	Mode	No.	Mode
1	Static red	17	Cyan fade out and fade in
2	Static green	18	White fade out and fade in
3	Static blue	19	RGB fade out and fade in
4	Static yellow	20	Red/Green color smooth
5	Static purple	21	Red/Blue color smooth
6	Static cyan	22	Green/Blue color smooth
7	Static white	23	Red/Yellow color smooth
8	RGB jumping	24	Green/Cyan color smooth
9	7 colors jumping	25	Blue/Purple color smooth
10	White strobe	26	Green/Yellow color smooth
11	7 colors strobe	27	Blue/Cyan color smooth
12	Red fade out and fade in	28	Red/Purple color smooth
13	Green fade out and fade in	29	Blue/White color smooth
14	Blue Fade out and fade in	30	Yellow/Purple/Cyan color smooth
15	Yellow fade out and fade in	31	RGB color smooth
16	Purple fade out and fade in	32	Full-color smooth

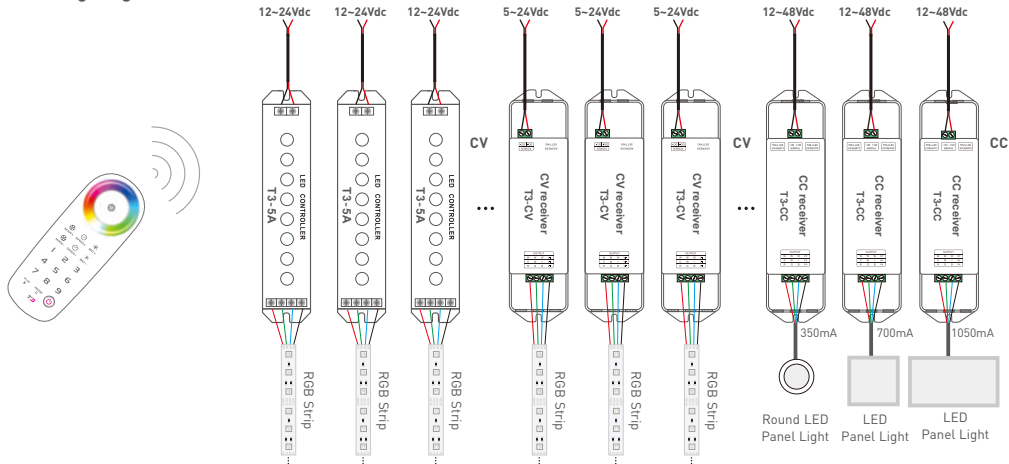
Comment: Speed/Brightness adjustable.

4. System Diagram:

 Unlimited receivers can be installed within effective distance, no wiring needed between the receivers, if you want to increase or decrease the receivers, just activate or cancel the control ID will be fine, no any changes and effects on other receivers.



5. Wiring Diagram:



T3M LED RGB Controller

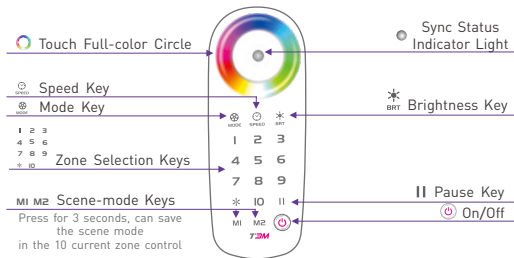


T3M remote works with T3-CV, T3-CC, T3-5A receiver.

T3M can realize the signal sync on multiple receivers, zone controlled arbitrarily (no more than 10 zones) within effective distance, a very good solution for the LED project needs sync control wirelessly.

Can RF remote the functions of switch, pause, changing modes, changing speed and the brightness and so on. Satisfied with your requirement of sync control multiple zones, group control or control separately, which it is easy to use.

1. Operation Panel and Component Instruction:





Zone Control Instruction:

- Select one of the zone: press any key of "1-10" on the remote.
- Select zone control arbitrarily: press "*" + any number + "*", eg: take 456 as a zone, should press "*456*".
- All choose(10 zones): press "*" twice.



★**Buzzer on/off:** Press "Pause key" || for 3 seconds.

2. The Learning ID Method of Remote:



T3-5A Learning ID:

- Turn on the receiver and remote.
- Press "on/off"  on the T3-5A for 2s, there is a buzzer sound, keep press, then press any key of "1-10" zone on the T3M until the indicator light  of remote flashes 3 times (the buzzer long beep at the same time), learning ID successful, release all the keys.

T3-5A Cancelling ID:

- Turn on the receiver and remote.
- Press "on/off"  on the T3-5A for 2s, there is a buzzer sound, keep press, after 5s press any key of "1-10" zone on the T3M, until the indicator light  of remote flashes 3 times, release all the keys.

T3-CC/T3-CV Learning ID:

- Turn on the receiver and remote.
- Short press "ID learning button"  on the T3-CC/T3-CV receiver, the running light keeps on, then long press any key of "1-10" zone on the T3M remote, the running light returns to flash (the buzzer long beep, the green light  flashes 3 times), activated successful.

T3-CC/T3-CV Cancelling ID:

- Turn on the receiver and remote.
- Press "ID learning button"  on the T3-CC/T3-CV receiver more than 8s, the buzzer beep twice, delete all the learned remote.

T3M remote works with T3-CV, T3-CC, T3-5A receiver.

3. Tables of Changing Mode:

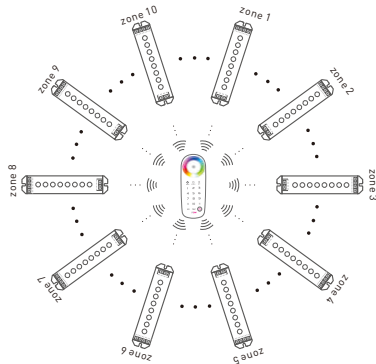
No.	Mode	No.	Mode
1	3 colors jumping	10	Green/Cyan color smooth
2	7 colors jumping	11	Blue/Purple color smooth
3	White strobe	12	Green/Yellow color smooth
4	7 colors strobe	13	Blue/Cyan color smooth
5	RGB fade out and fade in	14	Red/Purple color smooth
6	Red/Green color smooth	15	Blue/White color smooth
7	Red/Blue color smooth	16	Yellow/Purple/Cyan color smooth
8	Green/Blue color smooth	17	RGB color smooth
9	Red/Yellow color smooth	18	Full-color smooth

Comment: Speed/Brightness adjustable.

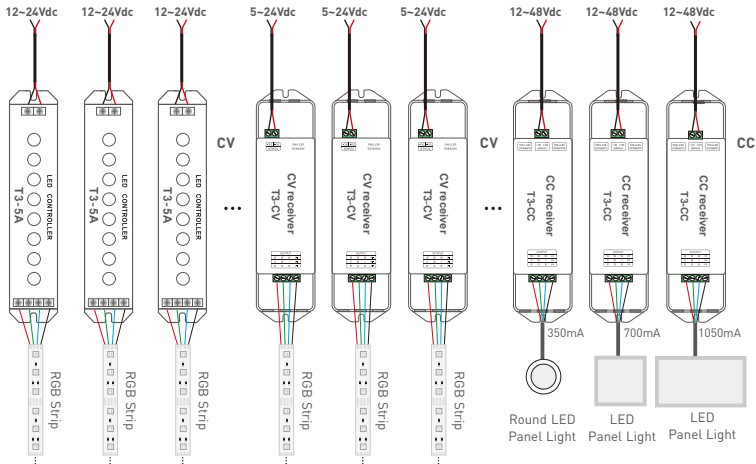
4. System Diagram:



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



5. Wiring Diagram:



T3X

LED RGB Programmable Controller



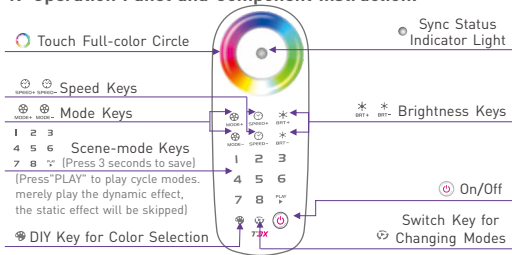
T3X remote works with T3-CV, T3-CC, T3-5A receiver.

T3X can realize the signal sync on unlimited receivers within effective distance, a very good solution for the LED project needs sync control wirelessly.







Can RF remote the functions of switch, pause, mode, speed and LED brightness. More proudly, the T3X has the brand-new programmable function, only 10 seconds to DIY a new change effect.

Programming has never been so easy.

1. Operation Panel and Component Instruction:





DIY Key for Color Selection



- Long press  for 2 seconds to enter DIY programming function.
 1. Select any color on  the controller will save immediately.
 2. Press  to enter next color. (can save 1-10 colors)
 3. After color selection, press  to switch jumping/smooth/flickering changing effect.
 4. Adjust the brightness and the speed by pressing the "SPEED" and "BRT".
 5. Save the new program into the "Scene-mode keys".
- Additional Functions:
 - ▲ Long press "DIY key for color selection"  to clear the current color.
 - ▲ Press "MODE" key under DIY function, can display the standard color for black, red, green, blue, yellow, purple, cyan and white. Among them, black can be used for editing fade in dimming effect, etc.
- ★ **Buzzer on/off:** Press "Scene-mode Key"  for 3 seconds.

2. The Learning ID Method of Remote:



T3-5A Learning ID:

- A. Turn on the receiver and remote.
- B. Press "On/Off"  on the T3-5A for 2s, there is a buzzer sound, keep press, then press any key on the T3X (except "On/Off" key) until the indicator light  flashes 3 times(the buzzer long beep at the same time), learning ID successful, release all the keys.


T3-5A Cancelling ID:

- A. Turn on the receiver and remote.
- B. Press "On/Off"  on the T3-5A for 2s, there is a buzzer sound, keep press, after 5s press any key on the T3X (except "On/Off"), until the indicator light  flashes 3 times, release all the keys.

T3-CC/T3-CV Learning ID:

- A. Turn on the receiver and remote.
- B. Short press "ID learning button"  on the T3-CC/T3-CV receiver, the running light keeps on, then long press any key (except "On/Off") on the T3X remote, the running light returns to flash (the buzzer long beep, the green light  flashes 3 times), activated successful.

T3-CC/T3-CV Cancelling ID:

- A. Turn on the receiver and remote.
- B. Press "ID learning button"  on the T3-CC/T3-CV receiver more than 8s, the buzzer beep twice, delete all the learned remote.



If you need to control multiple receivers synchronously, follow the above steps for each receiver.

T3X remote works with T3-CV, T3-CC, T3-5A receiver.

3. Tables of Changing Mode:

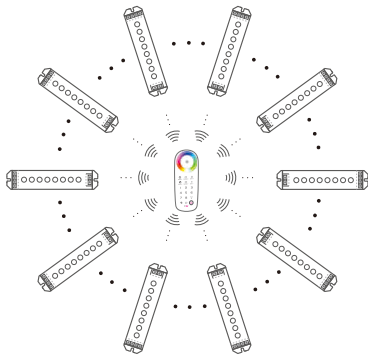
No.	Mode	No.	Mode
1	Static red	17	Cyan fade out and fade in
2	Static green	18	White fade out and fade in
3	Static blue	19	RGB fade out and fade in
4	Static yellow	20	Red/Green color smooth
5	Static purple	21	Red/Blue color smooth
6	Static cyan	22	Green/Blue color smooth
7	Static white	23	Red/Yellow color smooth
8	RGB jumping	24	Green/Cyan color smooth
9	7 colors jumping	25	Blue/Purple color smooth
10	White strobe	26	Green/Yellow color smooth
11	7 colors strobe	27	Blue/Cyan color smooth
12	Red fade out and fade in	28	Red/Purple color smooth
13	Green fade out and fade in	29	Blue/White color smooth
14	Blue fade out and fade in	30	Yellow/Purple/Cyan color smooth
15	Yellow fade out and fade in	31	RGB color smooth
16	Purple fade out and fade in	32	Full-color smooth

Comment: Speed/Brightness adjustable.

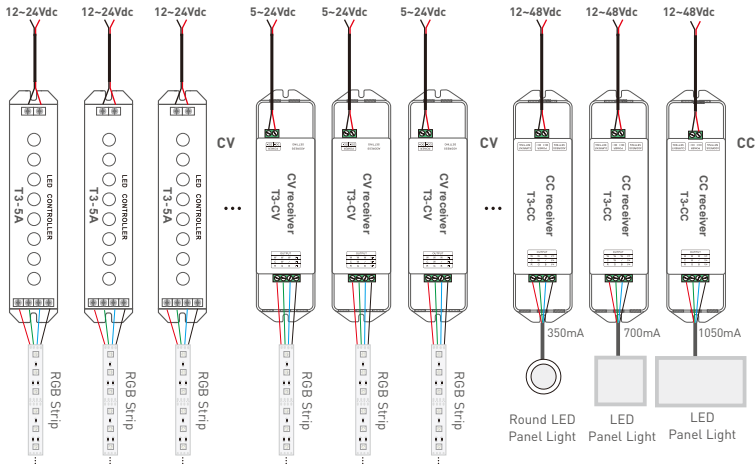
4. System Diagram:



Unlimited receivers can be installed within effective distance, no wiring needed between the receivers, if you want to increase or decrease the receivers, just activate or cancel the control ID will be fine, no any changes and effects on other receivers.



5. Wiring Diagram:



I . Attention:

- A. The product shall be installed and serviced by the qualified person.
- B. This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- C. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- D. Please check if the output voltage of the LED power supply used comply with the working voltage of the product.
- E. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- F. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- G. If a fault occurs, please return the product to your supplier. Do not attempt to fix this product by yourself.


II. Warranty Agreement:

- A. We provide lifelong technical assistance with this product:
 - A 5-year warranty is given from the date of purchase. The warranty is for free repair or replacement if cover manufacturing faults only.
 - For faults beyond the 5-year warranty, we reserve the right to charge for time and parts.
 - B. Warranty exclusions below:
 - Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
 - The product appears to have excessive physical damage.
 - Damage due to natural disasters and force majeure.
 - Warranty label, fragile label and unique barcode label have been damaged.
 - The product has been replaced by a brand new product.
 - C. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. We shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
 - D. Any amendment or adjustment to this warranty must be approved in writing by our company only.
- ★ This manual only applies to this model. We reserve the right to make changes without prior notice.

Reset and Edit the Frequency Point

A. Reset Function:

Feature: Reset function is available when remote operates abnormally.

Operation: Long press the 2 keys on the positions of **A**  simultaneously, release after 3 seconds, the remote will be auto off, means reset completed. and then could restart the remote.

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

Feature: a. Revising the frequency point to eliminate the external disturbance. 12 revisable frequency points for user.






b. 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.


Remotes of the same frequency point, only one remote could be used to execute the learning ID process, the rest needs to be off.





Check the Frequency Point on the Remote:

Turn on the remote, long press the key  for 5 seconds until the red light  (white light  for T1) flashes 3 times, and then the green light  (white light for T1 ) flashes, the numbers of the 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 on the positions of , the frequency point will be "1-9" correspondingly, the light will flash in the same numbers. Then press 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  (white light  for T1) flashes, the flash times plus 1 means the frequency point accumulate 1. In short, long press the "on/off" key  over 5 seconds each time, the frequency point will accumulate 1, which will again become value 1 when added to 12, and that cycle repeats.

T Series LED Remote Controller

Applied Range

- Architectural ornament: business area, airport, subway station.
- Interior decoration: hotel, shopping mall, square, restaurant, pub, home furnishing, etc.
- Signboard, billboard.
- Anywhere else, where uses LED for dimming, color temperature and full color adjustment.



Parameters

- Charging Voltage: 5Vdc (Built-in Lithium Battery)
- Working Current: $\leq 30\text{mA}$
- Working Frequency: 2.4GHz
- Remote Distance: 30m
- With USB Charging Port



www.ltech-led.com



RoHS

[warranty
5 years]



T 系列LED遥控器

(此说明书适用于: T1/T2/T2M/T3/T3M/T3X)



T1

调光
(8分区)



T2

色温



T2M

色温
(8分区)



T3

RGB 同步控制



T3M

RGB 分区控制
(10分区)



T3X

RGB编程

T 系列LED遥控器

应用领域:

- 建筑装饰: 商务办公区、机场、地铁站。
- 室内装饰: 酒店、购物中心、广场、餐厅、酒吧、家居等。
- 招牌、广告牌。
- 在其他需要使用LED进行调光、色温和全彩色控制的地方。



参数:

- 充电电压: DC5V(内置锂电池)
- 工作电流: ≤ 30 mA
- 工作频率: 2.4 GHz
- 遥控距离: 30米
- 配有USB充电端口



www.ltech-led.com

FC CE RoHS [质保5年]



索引

基本说明	1~5
T1 (调光)	6~9
T2 (色温)	10~13
T2M (色温)	14~17
T3 (RGB)	18~21
T3M (RGB)	22~25
T3X (RGB)	26~29
售后服务	30
重启和编辑频点	31

A 遥控器充电方法:

1.  请连接USB线进行充电。

2.  T1
T1遥控器, 充电时白灯闪烁,
充电完成时白灯常亮

-  T2/T2M/T3/T3M/T3X
T2/T2M/T3/T3M/T3X遥控器,
充电时蓝灯闪烁 绿灯亮时充电
完成

遥控关机状态下充电, 指示灯不亮, 但也会对遥控器进行充电。

3. 遥控器内置锂电池无记忆效应, 即使前三次充电亦按照标准程序进行, 无需过充。
4. 指示灯提示(红色闪烁T2/T2M/T3/T3M/T3X)(白灯闪烁T1)表示电量低, 需充电, 过低电量充电会影响电池寿命。

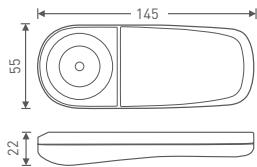


5. 遥控器长时间不用的时候, 应充满电储存于干燥低温的地方, 并且3个月取出来充满电再存放!

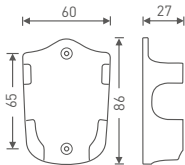
B 技术参数:

T1/T2/T2M/T3/T3M/T3X 遥控

充电电压:	5Vdc (内置锂电池)
工作电流:	<30mA
发射频率:	2.4GHz
遥控距离:	30米
电池容量:	1000mAh
产品尺寸:	L145×W55×H22(mm)
包装尺寸:	L168×W102×H28(mm)
重量 (毛重):	230克



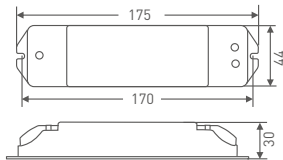
T1/T2/T2M/T3/T3M/T3X



遥控支架

T3-CV 接收器

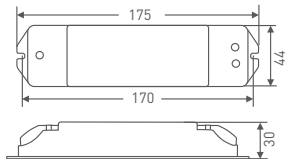
兼容遥控:	T1/T2/T2M/T3/T3M/T3X
输入电压:	5~24Vdc
无线信号:	2.4GHz
最大负载电流:	6A × 3CH Max 18A
最大负载功率:	90W/216W/432W(5V/12V/24V)
工作温度:	-30℃~55℃
产品尺寸:	L175×W44×H30(mm)
包装尺寸:	L178×W48×H33(mm)
重量(毛重):	140克



T3-CV

T3-CC 接收器 (3合1电流)

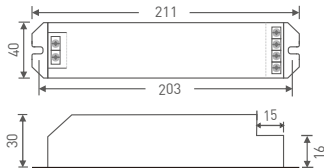
兼容遥控:	T1/T2/T2M/T3/T3M/T3X
输入电压:	12~48Vdc
输出电压:	3~46Vdc
输出电流:	CC 350/700/1050mA × 3CH
输出功率:	1.05W~48.3W × 3CH Max 144.9W
无线信号:	2.4GHz
工作温度:	-30℃~55℃
产品尺寸:	L175×W44×H30(mm)
包装尺寸:	L178×W48×H33(mm)
重量(毛重):	150克



T3-CC

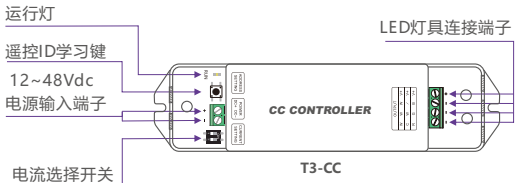
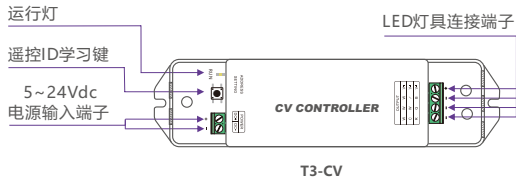
T3-5A 接收器

兼容遥控:	T3/T3M/T3X
输入电压:	12~24Vdc
最大负载电流:	5A x 3CH Max 15A
最大负载功率:	180W/360W(12V/24V)
无线信号:	2.4GHz
工作温度:	-30℃~55℃
产品尺寸:	L211×W40×H30(mm)
包装尺寸:	L215×W43×H33(mm)
重量 (毛重):	165克



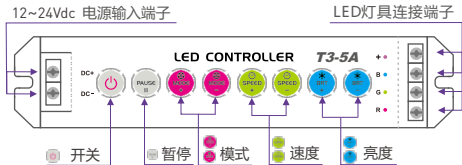
T3-5A

C 接收器端子说明:



电流选择开关

OFF	OFF	OFF	ON	ON	ON
350mA	700mA	1050mA			



T3-5A



T1 LED 调光控制器

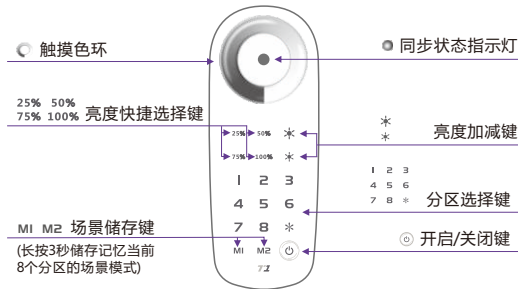


T1配对接收器：T3-CV, T3-CC

T1 在有效距离内可以支持无限台接收器同步控制、任意组合分区控制（最多8个区）；很好解决了LED灯具之间无法拉线但需要达到同步或者独立控制的场所施工问题。

RF遥控器实现远程调光、快捷亮度选择、DIY情景模式等功能；遥控器触摸色环调节亮度简单人性化，并具有独具创意的LED同步变化状态灯，用户观看遥控器就可以对远处的LED灯具状态了如指掌！

1. 功能使用操作与部件说明:




分区操作说明：


- 选择其中一个分区：按1~8任意一个键。
- 选择任意分区：按“*+任意数字键+*”，例如选择456为一个分区，应该按 “* 456 *”。
- 全部选择（8个区）：连续按两下 “*” 键。
- 某个分区在关闭状态下，按分区键可点亮该分区。

★ 长按住 * 键3 秒不放, 开启和关闭蜂鸣器。

2. 遥控器学习ID方法:

学习ID:

- 1) 开启接收控制器和遥控器。
- 2) 短按接收控制器学习ID键 ，运行灯变为常亮，再长按遥控器1~8分区选择键，运行灯恢复闪烁状态（同时蜂鸣器长响/遥控器白灯 闪烁3次），学习成功。

 如某个分区需要安装多台接收控制器，按照上面步骤，遥控器学习ID时选择同一分区选择键即可。

删除ID:

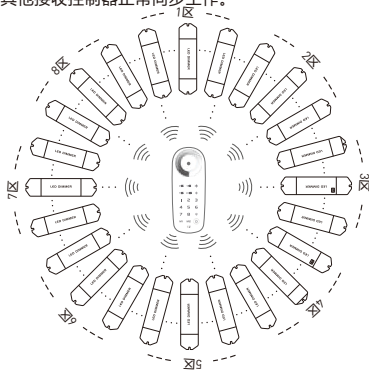
- 1) 开启接收控制器和遥控器。
- 2) 长按住接收控制器学习ID键  超过8秒（蜂鸣器长响2次），删除之前学习的遥控器。

T1遥控可与T3-CV, T3-CC接收器配对使用。

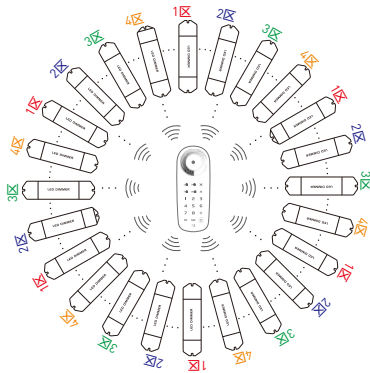
3. 系统示意图:



在有效的范围内每个分区可以安装无限数量的接收控制器，接收控制器之间独立安装，互相无需任何连接线，每个分区的接收控制器可以随时根据实际需要增加或减少安装数量，增加或减少的接收控制器只需要与遥控学习ID或删除ID，其他接收控制器无需做任何改变，不会影响其他接收控制器正常同步工作。

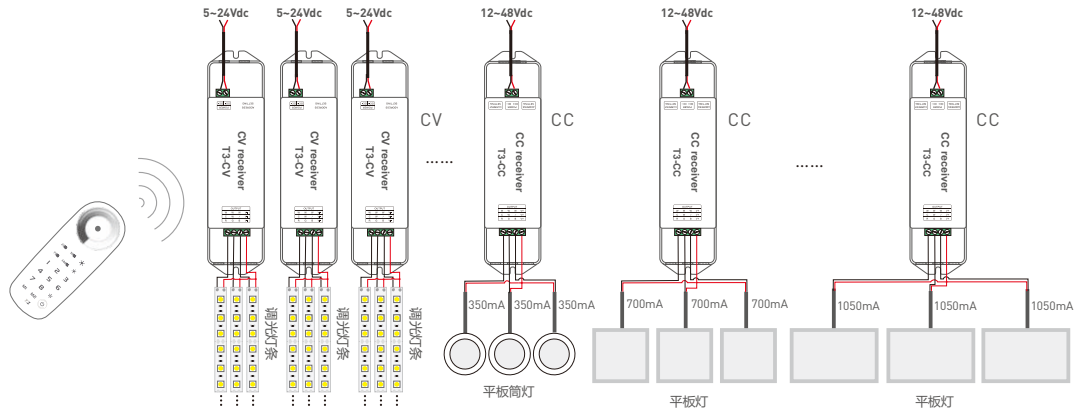


集中式分区



间隔式分区

4. 连接图:



T2 LED色温控制器

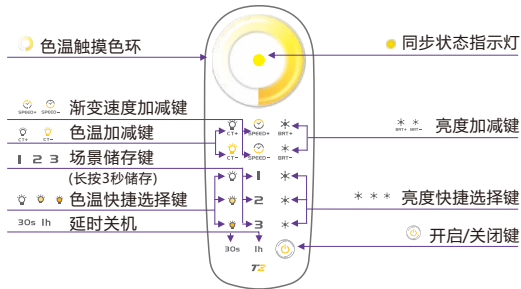


T2配对接收器：T3-CV, T3-CC

T2 在有效距离内可以支持无限台接收器同步控制，很好解决了LED灯具之间无法拉线但需要达到同步或者独立控制的场所施工问题。

RF遥控器远程实现触摸调色温、快捷色温/亮度选择、DIY情景模式、延时关机等功能；遥控器触摸色环选择色温简单人性化，并具有独具创意的LED同步变化状态灯，用户观看遥控器就可以对远处的LED灯具工作状态了如指掌！



1. 功能使用操作与部件说明:




★ 长按住 30s 键 3 秒不放, 开启或关闭蜂鸣器。


2. 遥控器学习ID方法:

学习ID:

- 1、开启接收控制器和遥控器。
- 2、短按接收控制器学习ID键 ，运行灯变为常亮，再长按遥控器任一键（开关键除外），运行灯恢复闪烁状态（同时蜂鸣器长响/遥控器绿灯  闪烁3次），学习成功。

 如需多台接收控制器同步控制，只需每台接收控制器按照以上步骤与遥控器学习即可。

删除ID:

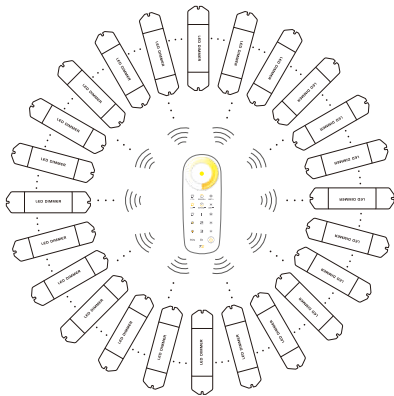
- 1、开启接收控制器和遥控器。
- 2、长按住接收控制器学习ID键  超过8秒（期间经历先后2次蜂鸣器长响），删除之前学习的遥控器。

T2遥控可与T3-CV, T3-CC接收器配对使用。

3. 系统示意图:

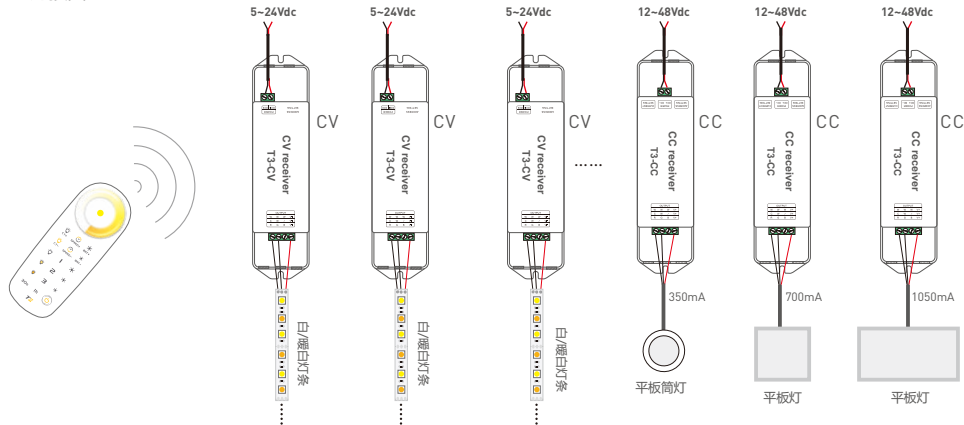


在有效的范围内可以安装无限数量的接收控制器，接收控制器之间独立安装，互相无需任何连接线，接收控制器可以随时根据实际需要增加或减少安装数量，增加或减少的接收控制器只需要与遥控学习ID或删除ID，其他接收控制器无需做任何改变，不会影响其他接收控制器正常同步工作。



接收控制器无数量限制

4. 连接图:



T2M LED色温控制器

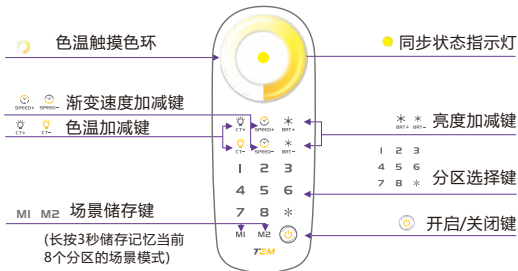


T2M配对接收器：T3-CV, T3-CC

T2M在有效距离内可以支持多台接收控制器同步控制、任意组合分区控制(最多可分8个区)，很好解决了LED灯具之间无法拉线但需要达到同步或者独立控制的场所施工问题；

RF遥控器实现远程调色温、调亮度、DIY情景模式；遥控器触摸色环选择色温简单人性化，并具有独具创意的LED同步变化状态灯，用户观看遥控器就可以对远处的LED灯具工作状态了如指掌！

1. 功能使用操作与部件说明:





分区操作说明：


- 选择其中一个分区：按1~8任意一个键。
- 选择任意分区：按"*+任意数字键+*"，例如选择456为一个分区，应该按"*456*"。
- 全部选择（8个区）：连续按两下"*"键。
- 某个分区在关闭状态下，按分区键可点亮该分区。

★ 长按住 * 键3秒不放, 开启和关闭蜂鸣器。

2. 遥控器学习ID方法:

学习ID:

- 1) 开启接收控制器和遥控器。
- 2) 短按接收控制器学习ID键 ，运行灯变为常亮，再长按遥控器1~8分区选择键，运行灯恢复闪烁状态（同时蜂鸣器长响/遥控器绿灯  闪烁3次），学习成功。

 如某个分区需要安装多台接收控制器，按照上面步骤，遥控器学习ID时选择同一分区选择键即可。

删除ID:

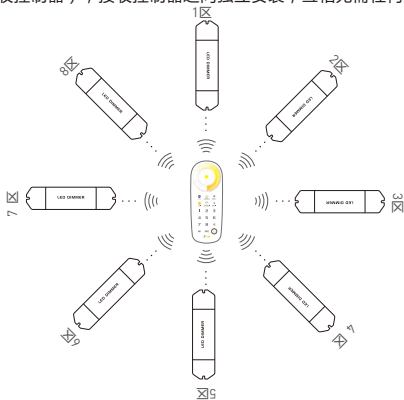
- 1) 开启接收控制器和遥控器。
- 2) 长按住接收控制器学习ID键  超过8秒（蜂鸣器长响2次），删除之前学习的遥控器。



T2M遥控可与T3-CV, T3-CC接收器配对使用。

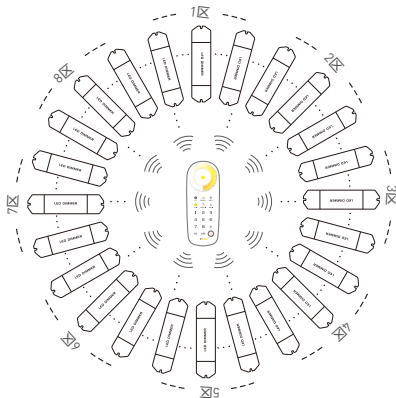
3. 系统示意图:



接收控制器在有效的范围内可以分1~8个区域（每个区域一台接收控制器），接收控制器之间独立安装，互相无需任何连接线。

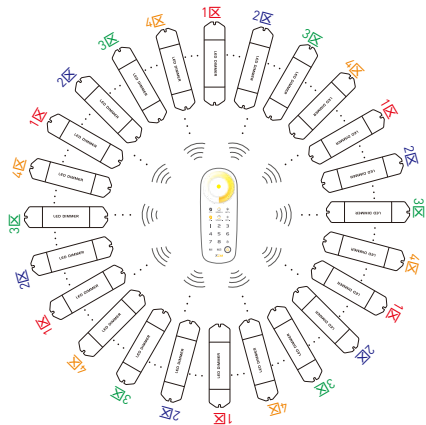


如不需要色温动态渐变效果同步变化  ，每个分区可设置无限台接收控制器，可以达到亮度、色温同步调节。

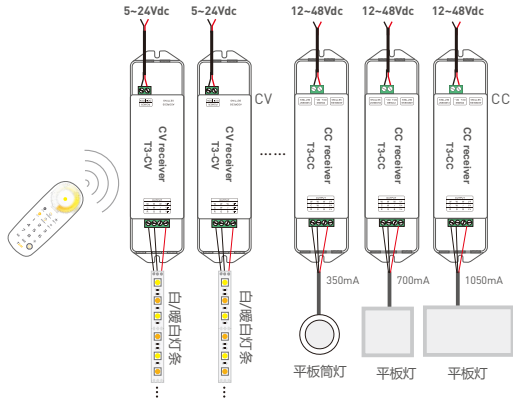


集中式分区

4. 连接图



间隔式分区



T3 LED RGB 控制器

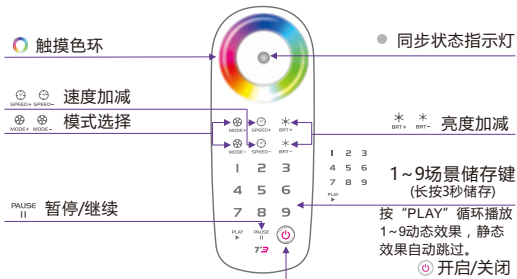


T3配对接收器：T3-CV, T3-CC, T3-5A

T3 在有效距离内可以支持无限数量接收器无线信号同步；很好解决了LED灯具之间无法拉线但需要同步控制的场所施工问题。

RF遥控器可实现远程控制开关、暂停、变化模式、变化速度、LED亮度选择等功能；内置多达32种变化模式，可以将你喜欢的变化模式储存在快捷键上，方便随时调用，也可以多个组合成节目单循环播放。



1. 功能使用操作与部件说明:





★蜂鸣器开关: 按“暂停/继续” PAUSE II 键3秒。

2. 遥控器学习ID方法:



T3-5A学习ID:

- 1) 开启接收控制器和遥控器。
- 2) 按住接收器T3-5A开关键约2秒后蜂鸣器发出响声，仍不释放按键，立即按住遥控器任一键（开关键除外），直至 遥控器绿灯  闪烁3次（同时蜂鸣器长响），学习ID成功，松开所有按键。



T3-5A删除ID:

- 1) 开启接收控制器和遥控器。
- 2、按住接收器T3-5A开关键约2秒后蜂鸣器发出响声，仍不释放按键等5秒后再按住遥控器任一键（开关键除外），直至遥控器红灯  闪烁3次（同时蜂鸣器长响），松开所有按键。

T3-CC/T3-CV学习ID:

- 1、开启接收控制器和遥控器。
- 2、短按T3-CV/T3-CC接收器学习ID键 ，运行灯变为常亮，再长按遥控器任一键（开关键除外），运行灯恢复闪烁状态（同时蜂鸣器长响/遥控器绿灯  闪烁3次），学习成功。

T3-CC/T3-CV删除ID:

- 1、开启接收控制器和遥控器。
 - 2、长按住T3-CV/T3-CC接收控制器学习ID键  超过8秒（期间经历先后2次蜂鸣器长响），删除之前学习的遥控器。
-  如需多台接收器同步控制，只需每台接收器按照以上步骤与遥控器学习即可。

T3遥控可与T3-CV, T3-CC, T3-5A接收器配对使用。

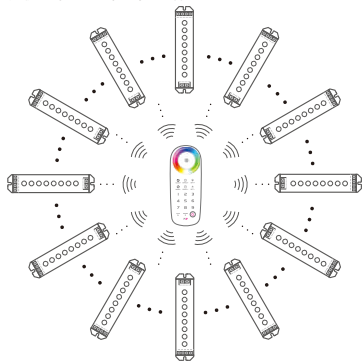
3. 变化模式选择列表:

序号	变化模式	序号	变化模式
1	静态红色	17	青色渐明渐暗
2	静态绿色	18	白色渐明渐暗
3	静态蓝色	19	RGB渐明渐暗
4	静态黄色	20	红绿渐变
5	静态紫色	21	红蓝渐变
6	静态青色	22	绿蓝渐变
7	静态白色	23	红黄渐变
8	RGB跳变	24	绿青渐变
9	七彩跳变	25	蓝紫渐变
10	白色频闪	26	绿黄渐变
11	七彩频闪	27	蓝青渐变
12	红色渐明渐暗	28	红紫渐变
13	绿色渐明渐暗	29	蓝白渐变
14	蓝色渐明渐暗	30	黄紫青渐变
15	黄色渐明渐暗	31	RGB渐变
16	紫色渐明渐暗	32	全彩渐变

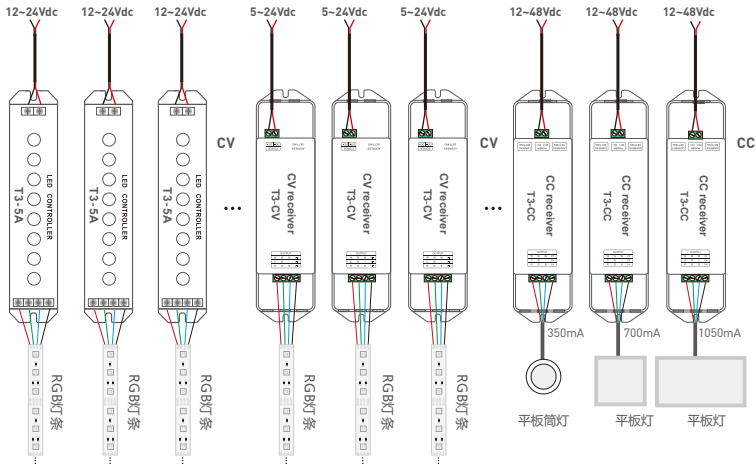
注: 静态效果可调光, 动态效果速度亮度可调。

4. 系统图:

在有效的范围内可以安装无限数量的接收控制器, 接收控制器之间独立安装, 互相无需任何连接线, 接收控制器可以随时根据实际需要增加或减少安装数量, 增加或减少的接收控制器只需要与遥控学习ID或删除ID, 其他接收控制器无需做任何改变, 不会影响其他接收控制器正常同步工作。



5. 连接图:



T3M LED RGB控制器

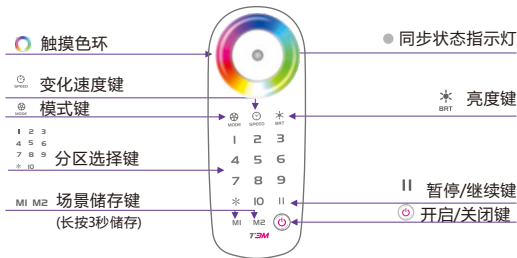


T3M配对接收器：T3-CV, T3-CC, T3-5A

T3M 在有效距离内可以支持多台接收控制器同步控制/任意组合分区控制（最多可分10个区），很好解决了LED灯具之间无法拉线但需要同步控制的场所施工问题。

Rf遥控器可实现远程控制开关、暂停、变化模式、变化速度、LED亮度选择等功能；多个分区统一控制、任意分组控制、单独控制都能满足您，并且简单易用！

1. 功能使用操作与部件说明:



分区操作说明：

选择其中一个分区：按1~10任意一个键；



选择任意分区：按“*+任意数字键+*”，例如选择456为一个分区，应该按“*456*”；

全部选择（10个区）：连续按两下“*”键。



★ 长按住暂停键|| 3秒不放, 开启和关闭蜂鸣器。

2. 遥控器学习ID方法:



T3-5A学习ID:

- 1) 开启接收控制器和遥控器。
- 2) 按住接收控制器T3-5A开关键  约2秒后蜂鸣器发出响声，仍不释放按键，立即按住遥控器1~10分区选择键任一键，直至遥控器绿灯  闪烁3次（同时蜂鸣器长响），学习成功，松开所有按键。



T3-5A删除ID:

- 1) 开启接收控制器和遥控器。
- 2) 按住接收控制器T3-5A开关键  约2秒后蜂鸣器发出响声，仍不释放按键，等5秒后再按住遥控器1~10分区选择键任一键，直至遥控器红灯  闪烁3次（同时蜂鸣器长响），松开所有按键。

T3-CC/T3-CV学习ID:

- 1) 开启接收控制器和遥控器。
- 2) 短按T3-CC/T3-CV接收控制器学习ID键 ，运行灯变为常亮，再长按遥控器1~10分区选择键，运行灯恢复闪烁状态（同时蜂鸣器长响/遥控器绿灯  闪烁3次），学习成功。

T3-CC/T3-CV删除ID:

- 1) 开启接收控制器和遥控器。
- 2) 长按住T3-CV/T3-CC接收控制器学习ID键  超过8秒（期间经历先后2次蜂鸣器长响），删除之前学习的遥控器。
 如需多台接收器同步控制，只需每台接收器按照以上步骤与遥控器学习即可。

T3M遥控可与T3-CV, T3-CC, T3-5A接收器配对使用。

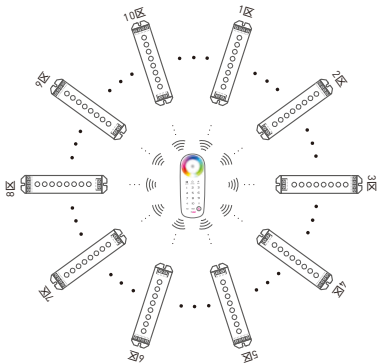
3. 变化模式选择列表:

序号	变化模式	序号	变化模式
1	三色跳变	10	绿青渐变
2	七彩跳变	11	蓝紫渐变
3	白色频闪	12	绿黄渐变
4	七彩频闪	13	蓝青渐变
5	RGB渐明渐暗	14	红紫渐变
6	红绿渐变	15	蓝白渐变
7	红蓝渐变	16	黄紫青渐变
8	绿蓝渐变	17	红绿蓝三色渐变
9	红黄渐变	18	全彩渐变

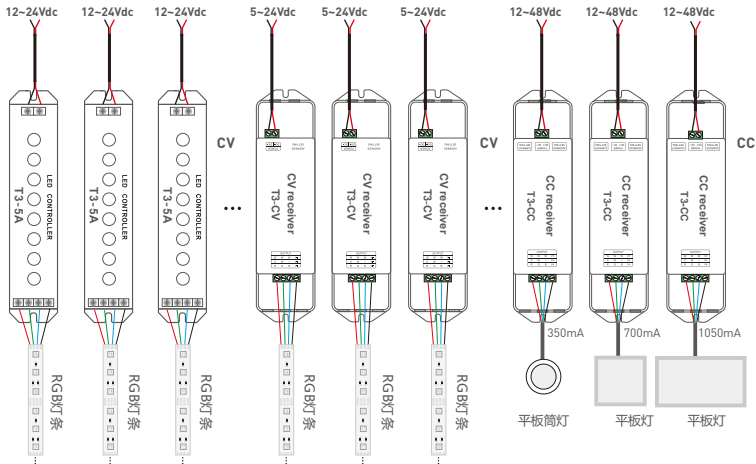
注: 静态效果可调光, 动态效果速度亮度可调.

4. 系统图:

接收控制器在有效的范围内可以分1~10个区域 (每个区域一台接收控制器), 接收控制器之间独立安装, 无需任何连接线。



5. 连接图:



T3X

LED RGB可编程控制器

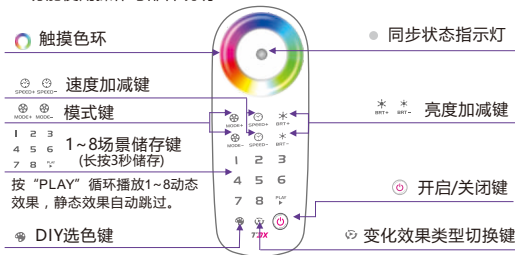


T3X配对接收器：T3-CV, T3-CC, T3-5A

T3X在有效距离内可以支持无限数量接收器无线信号同步变化，很好解决了LED灯具之间无法拉线但需要同步控制的场所施工问题；

RF遥控器可实现远程控制开关、暂停、变化模式、变化速度、LED亮度选择等功能；更令人自豪的是T3X 加入全新概念的编程功能，用户只需要10秒时间就可以轻松地DIY出新的变化效果！编程从未如此简单！

1. 功能使用操作与部件说明:





DIY编程方法

- 长按“DIY选色键”两秒进入DIY编程功能：
 - 1、触摸全彩色环选定某种颜色，控制器会即时记忆。
 - 2、按“DIY选色键”进入下一个颜色的选择。（可储存1-10个颜色）。
 - 3、选色完毕，按“切换键”切换运行跳变、渐变、频闪变化效果。
 - 4、按“SPEED”、“BRT”键可调节亮度和速度。
 - 5、新编程效果用“场景模式键”进行保存。
- 其他功能：
 - ▲ 长按“DIY选色键”可清除当前颜色。
 - ▲ DIY功能状态下，按“MODE”键，可显示黑/红/绿/蓝/黄/紫/青/白八种常规标准颜色，其中黑色可用于编辑渐明渐暗等效果。



★ 长按住PLAY键3秒不放，开启和关闭蜂鸣器。

2. 遥控器学习ID方法:



T3-5A学习ID:

- 1) 开启接收控制器和遥控器。
- 2) 按住接收器T3-5A开关键  约2秒后蜂鸣器发出响声，仍不释放按键，立即按住遥控器任一键（开关键除外），直至 遥控器绿灯  闪烁3次（同时蜂鸣器长响），学习ID成功，松开所有按键。


T3-5A删除ID:

- 1) 开启接收控制器和遥控器。
- 2、按住接收器T3-5A开关键  约2秒后蜂鸣器发出响声，仍不释放按键等5秒后再按住遥控器任一键（开关键除外），直至遥控器红灯  闪烁3次（同时蜂鸣器长响），松开所有按键。

T3-CC/T3-CV学习ID:

- 1、开启接收控制器和遥控器。
- 2、短按T3-CV/T3-CC接收器学习ID键 ，运行灯变为常亮，再长按遥控器任一键（开关键除外），运行灯恢复闪烁状态（同时蜂鸣器长响/遥控器绿灯  闪烁3次），学习成功。

T3-CC/T3-CV删除ID:

- 1、开启接收控制器和遥控器。
- 2、长按住T3-CV/T3-CC接收控制器学习ID键  超过8秒（期间经历先后2次蜂鸣器长响），删除之前学习的遥控器。

 如需多台接收器同步控制，只需每台接收器按照以上步骤与遥控器学习即可。

T3X遥控可与T3-CV, T3-CC,T3-5A接收器配对使用。

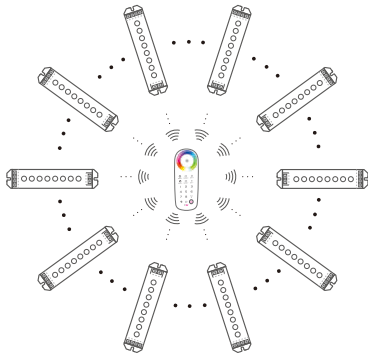
3. 变化模式选择列表:

序号	变化模式	序号	变化模式
1	静态红色	17	青色渐明渐暗
2	静态绿色	18	白色渐明渐暗
3	静态蓝色	19	RGB渐明渐暗
4	静态黄色	20	红绿渐变
5	静态紫色	21	红蓝渐变
6	静态青色	22	绿蓝渐变
7	静态白色	23	红黄渐变
8	RGB跳变	24	绿青渐变
9	七彩跳变	25	蓝紫渐变
10	白色频闪	26	绿黄渐变
11	七彩频闪	27	蓝青渐变
12	红色渐明渐暗	28	红紫渐变
13	绿色渐明渐暗	29	蓝白渐变
14	蓝色渐明渐暗	30	黄紫青渐变
15	黄色渐明渐暗	31	RGB渐变
16	紫色渐明渐暗	32	全彩渐变

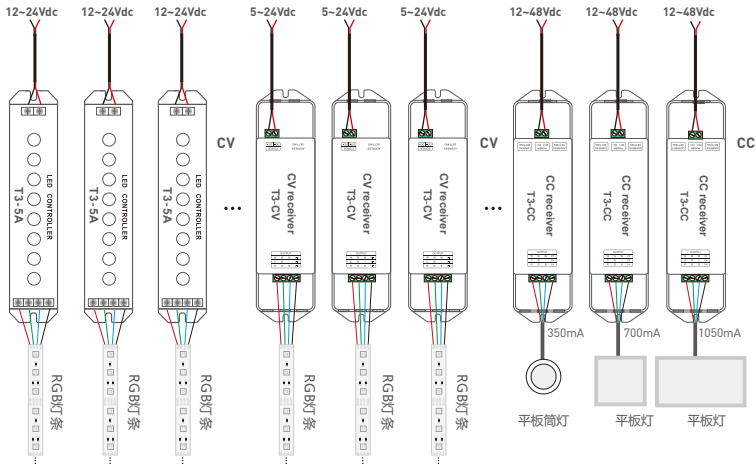
注: 静态效果可调光, 动态效果速度亮度可调。

4. 系统图:

在有效的范围内可以安装无限数量的接收器, 接收器之间独立安装, 无需任何连接线, 接收器可以随时根据实际需要增加或减少安装数量, 增加或减少的接收器只需要与遥控学习ID或删除ID, 其他接收器无需做任何改变, 不会影响其他接收器正常同步工作。



5. 连接图:



I. 注意事项:

- 1 本产品请由具有专业资格的人员进行调试安装。
- 2 本产品不能防水，需避免日晒雨淋，如安装在户外，请用防水箱。
- 3 良好的散热条件会延长LED控制器的使用寿命，请把产品安装在通风良好的环境。
- 4 请检查使用的LED电源输出电压是否符合产品电压范围要求。
- 5 使用的电线直径大小必须能足够负载连接的LED灯具，并确保接线牢固。
- 6 通电调试前，应确保所有接线正确，避免因接线错误而导致灯具损坏。
- 7 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

II. 保修协议:

- 1 购买雷特LED控制器产品享受终身技术支持和保修服务：
 - 免费保修：自购买之日起五年内出现产品质量问题雷特将给予免费修理或更换服务。
 - 有偿保修：超过免费保修期的产品收取适当的维修材料成本费用。
- 2 以下情况不在免费保修或更换服务范围之内：
 - 过高电压、超负载、操作不当等人为造成的损坏；
 - 产品外形严重损坏或变形；
 - 自然灾害以及人力不可抗拒原因造成的损坏；
 - 产品保修标签和产品唯一条形码损坏；
 - 产品已经更新换代。
- 3 修理或更换是雷特对客户的最唯一补救措施。雷特不承担任何附带引起的损害赔偿责任。
- 4 只有雷特享有修正或调整本保修条款的权利，并以书面形式发布认定为准。

★ 本说明书仅适用于本型号产品，如有更新恕不另行通知。

复位和修改频段

A. 复位功能:

作用：当遥控器出现异常状况时，可使用复位功能。

方法：同时长按 **A**  2个按键3秒后松开，遥控自动关闭，复位完成。此时可重新开机。






B. 遥控器修改频段:

作用: 1、当外部有干扰影响工作时，可通过修改频段来消除干扰，用户可修改频段共12个。


2、可以将多个遥控修改为相同频段，实现多个遥控同时控制。


注：遥控器频段改变后，接收器需要重新学习ID方可使用。

遥控器在学习ID时，相同频点的遥控器只能打开一个遥控器，其它需关闭。

查看频段方法：遥控器开机状态下，长按遥控器开关键  5秒以上，红灯  闪烁3次(T1为白灯 )，随后绿灯  闪烁(T1为白灯 )，闪烁的次数即为当前的频段号值。在灯闪烁后3秒内为进入修改频段状态。

修改频段方法：在修改频段状态下

方法1: 短按任意一键          ，频段号立即变为对应的1~9，灯闪烁相应次数。再短按任意键或触摸滑轮，立即退出修改频段状态。

方法2: 长按开关键  5秒以上，灯闪烁，且闪烁次数在原来基础上加1，表示频段号加1。如此每长按开关键5秒，频段号将累加1，加到12后重新变为1，如此循环往复。

