LED Receiver RF 4xCC - T4-CC

2256400



General	
Product Type	Wireless
Wire Strip Length	5mm
Wire Type	2.5mm2
Electronics	
Output Voltage	3 ~ 46 V DC
Output Current (mA) max/output	350~1050
Power Consumption (W)	193.2
Power Supply	N/A
LED Outputs	4
Control	
Output Signal	PWM-CC
Control	RF, Manual
Protection	
Reverse Polarity	Yes
LED Output Short	Yes
Overload	Yes
Environmental	
Environmental	
Operating Temperature	-30 ~ +55 °C

CE FC IP20 5^{year}

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



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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: ≤30mA
- Working frequency: 2.4GHz



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LED RGBW Controller

27mm

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2. Technical Specs:

T4 Remote		T4-CV Receiver	T4-CC Receiver
Charging Voltage:	5Vdc(Built-in lithium battery)	Input Voltage: 5~24Vdc	Input Voltage: 12~48Vdc
Working Current:	<30mA	Current Load: 5A×4CH Ma	ax 20A Output Voltage: 3~46Vdc
Working Frequency:	2.4GHz	Output Power:	Current Load: CC 350/700/1050mA×4CH
Remote Option:	Sync/Zone/Programming Control	Max 100W/240W/480W(5V/12	2V/24V] Output Power: 1.05W~48.3W×4CH Max 193.2W
Battery Capacity:	1000mAh	Wireless Signal: 2.4GHz	Wireless Signal: 2.4GHz
Package Size:	L168×W96×H34(mm)	Working Temp.: -30℃~55℃	Working Temp.: -30℃~55℃
Weight (G.W.):	210g	Package Size: L178×W48×H	H33(mm) Package Size: L178×W48×H33(mm)
		Weight (G.W.): 150g	Weight (G.W.): 165g

3. Notice for the Remote Charging:

- A. When charging, please connect USB cable to the mobile charger.
- B. The blue indicator light flickers while charging, and turns green means the charging is completed. The remote can be chargeable even at off state, which the indicator light is dark.
- C. No memory effect in the lithium battery of remote. Follow the standard charging procedure even for the first 3 times, no need over charge.
- D. Red indicator light flickers meaning low battery and need to be charged. Charging in low battery will affect the life of battery.
- E. 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.

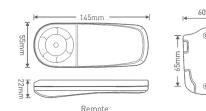


T4

LED RGBW Controller

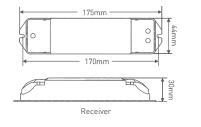
T4-CV T4-CC

T4 is the 2.4GHz RF wireless sync/zone RGBW controller which adopts 4 global initiate technology. It has powerful function that general RF remote control can't realize, especially in wireless connection between receivers to realize sync dynamic change effect. It is very convenient in installation for users.



1. Product Size:

Remote Holder



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4. The Learning ID Method:

Learning ID:

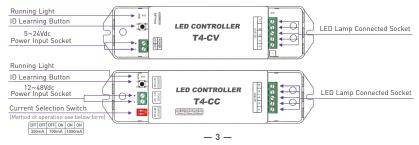
- 1. Turn on the receiver and remote.
- 2. Short press "ID learning button" 💽 on the receiver, the running light keeps on, then long press "1-8" zone-selection keys on the remote, the running light returns to flash (the buzzer long beep, the green light 🔘 flashes 3 times), activated.

Cancelling ID:

Press "ID learning button" 💽 on the receiver more than 8 seconds, the buzzer beep twice, delete all the learned remote.

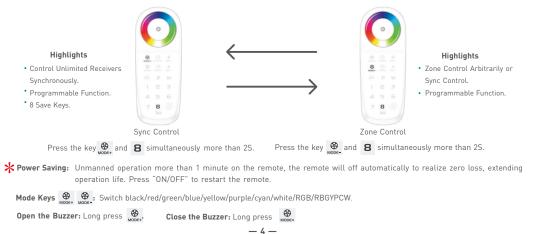
* Sync Control: 1 remote to unlimited receivers. Zone Control: 1 remote to Max 8 receivers (1 receiver per zone).

5. Receiver Components Description:

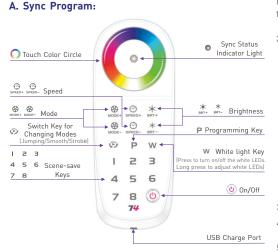


6. Remote Instructions:

Built-in two control programs, it is convenient for user's different habits and place, free switching the two programs.







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The Usage of The Programming "P" :

1) Long press the key **P** in 2 seconds, the buzzer long beep, means enter the programming mode.

 Color selection: Short press a key from "1-8" in order, then press "MODE" key or "touch color circle" to select the color. (color will be saved in this key automatically, max 8 colors)

Example 1: Red Blue Yellow Purple Cvan White Black SRGBYPCW ₹7 Colors' Jumping/Smooth/Strobe Example 2: Black Black Black Black Black Black R B 2 Colors' Jumping/Smooth/Strobe Example 3: Red Black Green Black Blue Black Black Black G BK B 🗧 5 Colors' Jumping/Smooth/Strobe Example 4: Black Green Black Blue Black Black Black RGB 3 Colors' Fade out and Fade in EKREKGEKE

Note: Select black color with keys 🛞 MODE+

3) Short press the key **P** to exit color selection.

 Press P to switch the selected colors' jumping, smooth and strobe (brightness/speed adjustment).

5) Long press any key from "1-8" to save the edited scene.

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B. Zone Program: Sync Status Indicator Light O Touch Color Circle SPEED+ Speed- Speed * * ™ Brightness Mode Keys * + Switch Key for · @ • O * P Programming Key 🕫 Changing Modes MODE- SPEED- BRT-(Jumping/Smooth/Strobe) E W 4 D 123 W White light Key 456 2 з Press to turn on/off the white LEDs. 7 8 Zone-selection Kevs Long press to adjust white LEDs] Zone ON/OFF Kevs 5 6 Δ Select single zone: (U) On/Off Press single key from "1-8" 7 8 (℃) ◄ Select multiple zones: 74 Press multiple keys from "1-8" continuously. Open/Close the zone: USB Charge Port Short press to open the zone, Long press to close the zone.

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 Color selection: Short press a key from "1-8" in order, then press "MODE" key or "touch color circle" to select the color. (color will be saved in this key automatically, max 8 colors)

7 8 Example 1: Red Green Blue Yellow Purple Cvan RGBYPCW 7 Colors' Jumping/Smooth/Strobe Example 2: Black Black Black Black Black Black R B 2 Colors' Jumping/Smooth/Strobe Example 3: Black Green Black Blue Black Black Black R BK G BK B 5 Colors' Jumping/Smooth/Strobe Example 4: Black Red Black Green Black Blue Black Black RGB 3 Colors' Fade out and Fade in EK R BK G BK B 🗧 6 Colors' Jumping/Strobe Note: Select black color with keys 🛞 🛞

3) Short press the key P to exit color selection.

 $-6\frac{5}{2}$ OK, completed scene editing, press **P** to playback the scene.



7. Tables of Changing Mode:

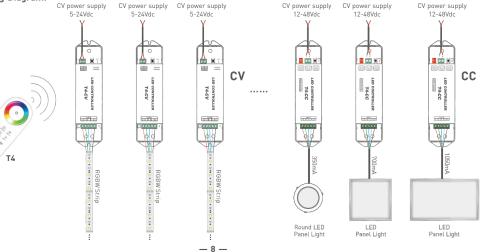
	Color Press 🏵 🏵 Button	Press 🕟 button to switch the 3 types			
No.	to Switch color	Jumping	Smooth	Strobe	
1	Black				
2	Red	Static Red	Red fade out and fade in	Red strobe	
3	Green	Static Green	Green fade out and fade in	Green strobe	
4	Blue	Static Blue	Blue fade out and fade in	Blue strobe	
5	Yellow	Static Yellow	Yellow fade out and fade in	Yellow strobe	
6	Purple	Static Purple	Purple fade out and fade in	Purple strobe	
7	Cyan	Static Cyan	Cyan fade out and fade in	Cyan strobe	
8	White	Static White	White fade out and fade in	White strobe	
9	Red, Green, Blue	RGB Jumping	RGB color smooth	RGB strobe	
10	Red, Green, Blue, Yellow, Purple, Cyan, White	7 Colors Jumping	Full-color smooth	7 colors strobe	

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8. Wiring Diagram:

4, 9, 4 5, 9, 6 7, 9, 6 7, 9, 6 7, 9, 6 7, 9, 6 7, 9, 6 7, 9, 6 7, 9, 6 7, 9, 6 7, 9, 7 7, 9, 6 7, 9, 7 7, 9, 6 7, 9, 7 7, 9, 6 7, 9, 7 7, 9, 6 7, 9, 7 7, 9, 6 7, 9, 7 7, 9, 6 7, 9, 7 7, 9, 7 7, 9, 6 7, 9, 7 7, 9, 7 7, 9, 6 7, 9, 7 7, 7, 7 7,



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9. Other Special Functions:

A. Reset Function:

Feature: Reset function is available when remote operates abnormally.

Operation: Long press the 2 keys 8 🕲 imultaneously, release after 3 seconds, the remote will auto off, undo for more than 1 minute, 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.

Check the Frequency Point on the Remote:

Turn on the remote, long press the "on/off" key 🕲 for 5 seconds until the red light \circ flashes 3 times, and then the green light \circ 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 "1-8" correspondingly, the green 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 • 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.

10. 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.

11. 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. - 10 -

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