

INSTALLATION INSTRUCTION

WALL CONTROLLER - 3 IN 1

TECHNICAL DATA:

MODEL	VT-2433
INPUT/OUTPUT VOLTAGE	DC12V~24V
TOATL OUTPUT	MAX 10A
OUTPUT CURRENT	5A/CHANNEL
RF	2.4GHz
OPERATION TEMPERATURE	-10°C to +40°C
CONTROL DISTANCE	30m
DIMENSION	86x86mm



2 YEARS
WARRANTY

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best. The warranty is valid for 2 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. The products are suitable for 10-12 Hours Daily operation. Usage of product for 24 Hours a day would void the warranty. This product is warranted for manufacturing defects only.

WARNING!

- Please make sure to turn off the power before starting the installation.
- Installation should only be done by a certified electrician.
- For Indoor use only
- Please check whether the voltage of the power supply is in accordance with the controller, and please check the connection of both the cathode and anode, otherwise the controller will be broken.
- Please don't connect wires with power on. Please turn on again only when it is in right connection and no short circuit.
- Please do not use the controller in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.



This marking indicates that this product should not be disposed of with other household wastes.



Caution, risk of electric shock.



MULTI-LANGUAGE MANUAL QR CODE

Please scan the QR code to access the manual in multiple languages.

FEATURES



16 Millions of colors to choose



Color temperature adjustable



Dim brightness / Saturation



2.4G RF wireless transmission technology



Remote control Control distance 30m



Smartphone app control (2.4GHz gateway is needed)

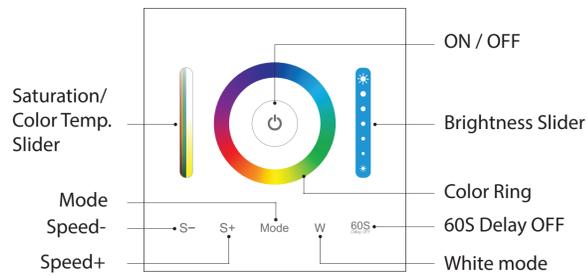


Support third party voice control (2.4GHz gateway is needed)



DMX512 controllable (DMX512 LED transmitter is needed)

PARTS OF DESCRIPTION



CONTROLLER FUNCTIONS

This controller is compatible with RGB,RGBW and RGB+CCT version. It will be RGB+CCT version when you get it first time.

- Method of Switching RGB, RGBW and RGB+CCT version
- When the light is OFF, long press "Mode" and "W" button at the same time, the controller will sound 3 times after 5 seconds, then it change to RGB version.
 - When the light is OFF, long press "W" and "60S" button at the same time, the controller will sound 4 times after 5 seconds, then it change to RGBW version.
 - When the light is OFF, long press "Mode" and "60S" button at the same time, the controller will sound 5 times after 5 seconds, then it change to RGB+CCT version.

BUTTON FUNCTIONS



- Short press ON / OFF switching
- Long press to turn on night light while light is on.
- Short press twice to enter the learning code state (see 8, 9 for details) while light is on. Press "W", switch to static white light mode.



When the light is ON, press "60S", the light will be off automatically after 60 seconds.



Touch color ring, choose the color you want.



Touch dimming slider to change the brightness from 1%~100%.



Each modes have their own brightness value and saturation value (Static white light mode and dynamic white light gradual changing mode have no saturation) function see details for P3 Mode table.

Mode

- Press "Mode" shortly, switch to next mode; long press "Mode", switch the modes circularly, there are 12 kind modes. (PS, on the color light, press mode, it will get to first mode).
- In the version of RGB+CCT, white gradual changing mode means CCT gradual changing under static white mode.

S-

- Slow the speed on present dynamic mode. There is 5 class speed. Long press "S-", slow the speed continuously. When it get to slowest speed, "S-" will be invalid. (Dynamic mode see details for P3 Mode table.)
- When light is OFF, long press 5 seconds to turn OFF the indicating sound.

S+

- Accelerate the speed on present dynamic mode. There is 5 class speed. Long press "S+", accelerate the speed continuously. When it get to fastest speed, "S+" will be invalid. (Dynamic mode see details for P3 Mode table.)
- When light is OFF, long press 5 seconds to turn ON the indicating sound.

6. DYNAMIC MODE TABLE SELECTION (REMOTE CONTROL ONLY)

Select dynamic mode table 1: press "⊕" 2 times continuously when light is on, Within 3 seconds, press the "S+" button of the remote control 5 times, the blue light blink 3 times slowly, indicating successfully.

Select dynamic mode table 2: press "⊕" 2 times continuously when light is on, Within 3 seconds, press the "S-" button of the remote control 5 times, the yellow light blink 3 times slowly, indicating successfully.

LINKING/UNLINKING DEVICES

Compatible with the below devices (Not included; available to buy separately)



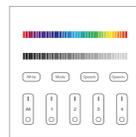
(SKU: 2921 VT-2438) (NOT INCLUDED)



(SKU: 2922 VT-2441) (NOT INCLUDED)



(SKU: 2923 / 2924 VT-2442) (NOT INCLUDED)



(SKU: 2917 VT-2437) (NOT INCLUDED)



Light will work after linking with remote control; for more details, please read the remote instruction.

REMOTE CONTROL LINKING/UNLINKING

Support all remote control to do Link/Unlink (see 7 for details)



(SKU: 2921 - VT-2438) (NOT INCLUDED)

LINK

- Press "⊕" 2 times continuously when light is on
- Press the remote control within 3 seconds "⊕" key 3 times
- The light blink 3 times slowly means the linking is done successfully

UNLINK

- Press "⊕" 2 times continuously when light is on
- Press the remote control within 3 seconds "I" key 5 times
- The light blink 10 times quickly means the unlinking successfully

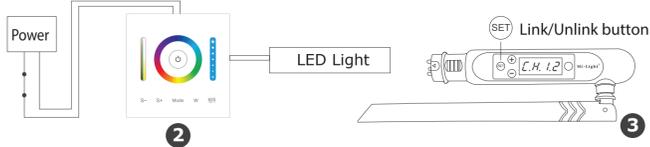


If the link or unlink failed, please follow the above steps again.

DMX512 LED TRANSMITTER LINKING/UNLINKING

Compatible with DMX512 LED Transmitter (Not included. Can purchase outside)

- Choose the zone for the controller by pressing '+' or '-' (e.g. 'CH12' means zone 12)



LINK

- Press "⊕" 2 times continuously when light is on
- Press the remote control within 3 seconds "⊕" key 3 times
- The light blink 3 times slowly means the linking is done successfully

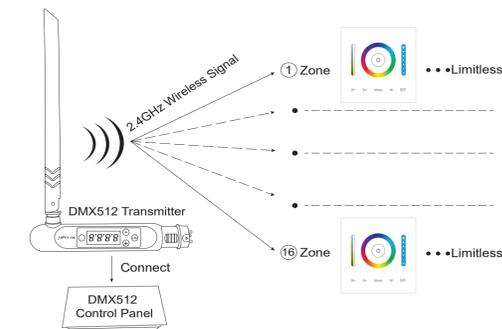
UNLINK

- Press "⊕" 2 times continuously when light is on
- Short press "⊕" 5 times within 3 seconds
- The light blink 10 times quickly means the unlinking successfully



If the link or unlink failed, please follow the above steps again.

DMX512 LED TRANSMITTER CONNECTION DIAGRAM



SIGNAL TRANSMITTING

One strip controller can transmit the signals from the remote control to another controller within 30m, as long as there is a strip controller within 30m, the remote control distance can be limitless.

MODES SYNCHRONIZATION

Different controllers can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and within 30m distance.



The same dynamic mode, the same speed can be synchronized.



Signal transmitting & Modes synchronization



PWM HIGH FREQUENCY / LOW FREQUENCY SWITCHING

Switch to high frequency (8KHz): on the condition of turning on the light

- Short press the "OFF" button of the remote control once;
- Short press the "ON" button of the remote control 5 times within 3 seconds, the white light blink 2 times quickly, indicating successfully.

Switch to low frequency (500Hz): on the condition of turning off the light

- Short press the "ON" button of the remote control once;
- Short press the "OFF" button of the remote control 5 times within 3 seconds, the white light blink 2 times slowly, indicating successfully.

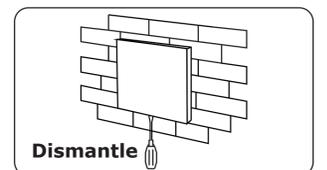
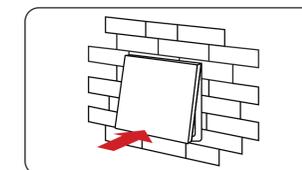
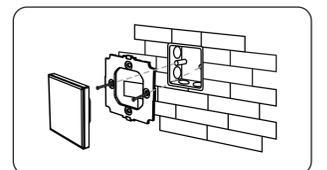
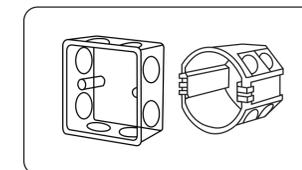
P3 MODE TABLE 1 (DEFAULT)

STATE	NO	MODE	BRIGHTNESS / SATURATION / SPEED
STATIC MODE (NOT APPLICABLE TO REMOTE CONTROLLER)	1	RED	ADJUSTABLE (SPEED IS NOT ADJUSTABLE)
	2	GREEN	
	3	BLUE	
DYNAMIC MODE	4	MARDI GRAS	ADJUSTABLE
	5	AUTOMATIC COLOR CHANGE	
	6	SAM	
	7	GEMSTONE	
	8	TWILIGHT	
	9	AMERICAN	
	10	FAT TUESDAY	
	11	PARTY	
	12	SLOW COLOR SPLASH	

P3 MODE TABLE 2 (NEED TO SWITCH MANUALLY)

STATE	NO	MODE	BRIGHTNESS / SATURATION / SPEED
STATIC MODE (NOT APPLICABLE TO REMOTE CONTROLLER)	1	RED	ADJUSTABLE (SPEED IS NOT ADJUSTABLE)
	2	GREEN	
	3	BLUE	
DYNAMIC MODE	4	COLORS GRADUAL CHANGE	ADJUSTABLE SATURATION (SATURATION IS NOT ADJUSTABLE)
	5	WHITE LIGHT GRADUAL CHANGE	
	6	RGB GRADUAL CHANGE	
	7	SEVEN COLORS JUMP TO CHANGE	
	8	JUMP TO CHANGE RANDOMLY	
	9	RED LIGHT GRADUAL CHANGE + FLASH 3 TIMES	
	10	GREEN LIGHT GRADUAL CHANGE + FLASH 3 TIMES	
	11	BLUE LIGHT GRADUAL CHANGE + FLASH 3 TIMES	
	12	WHITE LIGHT GRADUAL CHANGE + FLASH 3 TIMES	

INSTALLATION / DISMANTLEMENT



INSTALLATION INSTRUCTION

- Install the bottom case into the wall; Above are the standard bottom cases.
- Fix the controller base on the bottom case with screw.
- Clicks into the upper side of glass panel on the controller base, then press the lower side slightly to make it clicks into the controller base.
- Plug into the below bayonet with a screwdriver, and upwarp screwdriver, then you can dismantle the controller.



IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAELOW 9B