LED-WD VI-TX

LED-WD VI-TX-WH

LED-WD VI RTX

User Guide

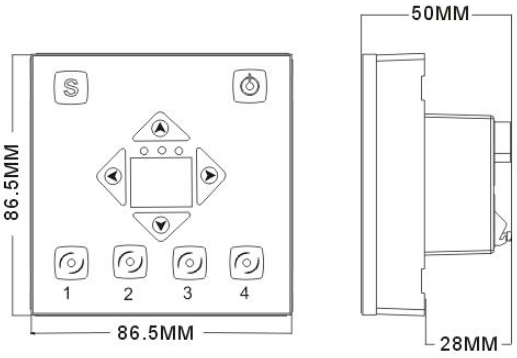
Advanced LED Technology

Features

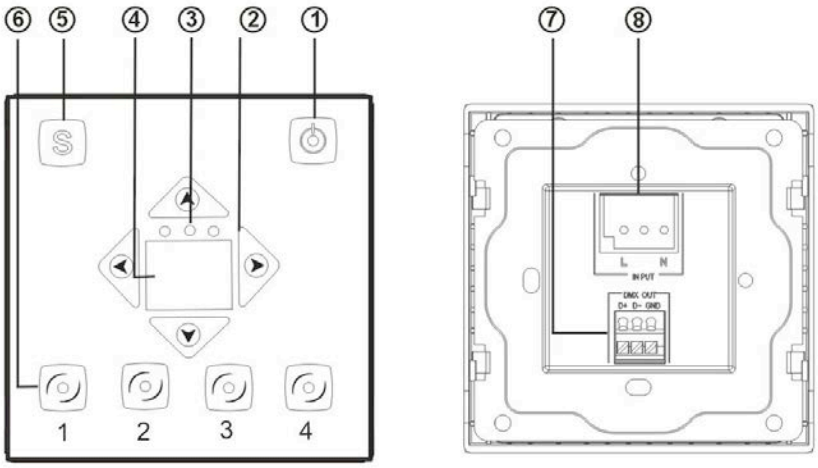
- Control one group of RGB/RGBD LEDs
- Touch screen panel
- Static colour selection, 3 fade and 3 chase modes (3 colour, 5 colour and 7 colour)
- Dimmer & Speed adjustable from 0-100%
- 12 scenes can be programmed
- 4 Tri-colour LED indicators
- Lock protection to avoid unintentional interference
- Wireless transmitter (LED-WD TX) and receiver（LED-WD VI-RX)

Technical specifications

- **Power supply:** AC 100-240V 50/60Hz
- **Dimension:** 87 x 87 x 38mm
- **Weight:** 0.3kg

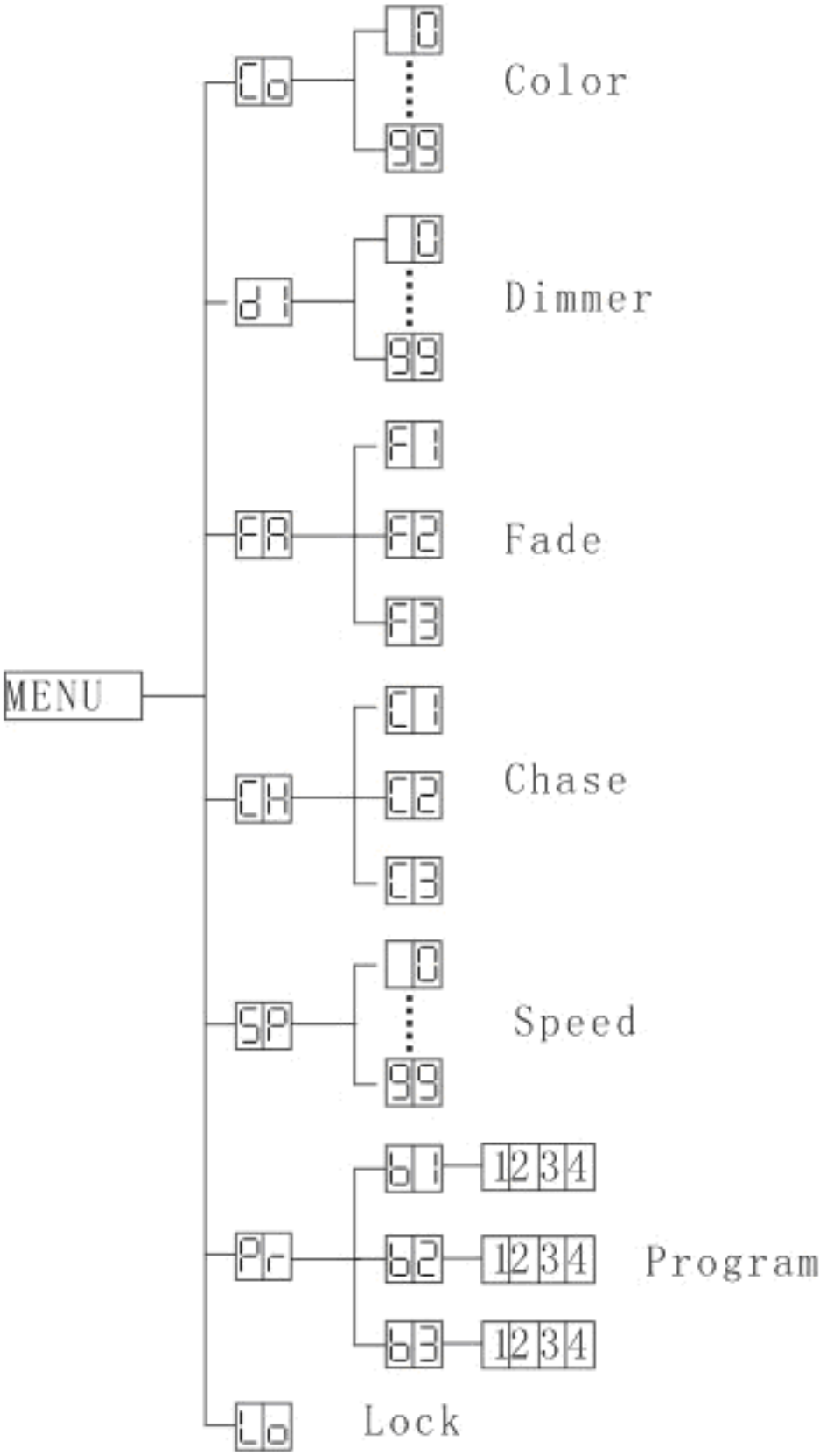


Operation panel



1, ON/OFF button: To power the wall dimmer on and off
2, Function buttons: Up and down, left and right to scroll through the menu or value
3, Led indicator: to indicate which function page you are in when in Fade/Chase/bank browsing
4, LED display: show the function menu
5, Button S : Select function or confirm the operation
6, Number button : used for programming and play stored scene
7, Data terminal: Output DMX signal
8, Power input terminal: AC 100-240V/ 50~60Hz

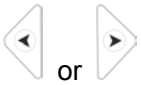
Main function



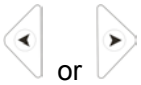
ON/OFF

Use this button to power the wall dimmer on and off, when the power indicator turns blue, the dimmer is switched on, when it is red, the dimmer is switched off.

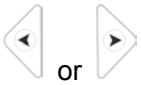
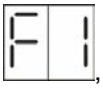
Colour mode

Use the  buttons to scroll through the menu, till is shown on the display, then press the button and use the or buttons to select a colour from - . Without any operation after 30 seconds the wall dimmer will black out.

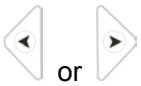
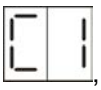
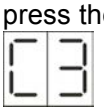
Dimmer mode

Use the  buttons to scroll through the menu, till is shown on the display, then press the button and use the or to select the value of brightness from - . Without any operation after 30 seconds the wall dimmer will black out.

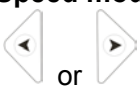
Fade mode

Use the  buttons to scroll through the menu, till **is** shown on the display, then press the button and use the or buttons to select  , or and the related Led indicator above the LED display will light up. Without any operation after 30 seconds the wall dimmer will black out.

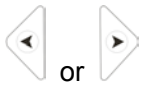
Chase mode

Use the  buttons to scroll through the menu, till is shown on the display, then press the button and use the or buttons to select  , or  and the related Led indicator above the LED display will light up. Without any operation after 30 seconds the wall dimmer will black out.

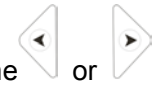
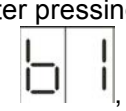
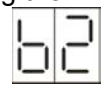
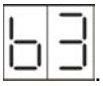
Speed mode

Use the  buttons to scroll through the menu, till is shown on the display, then press the button and use the or buttons to select the speed from - . Without any operation after 30 seconds the wall dimmer will black out.

Programme mode (12 progammable operation modes)

In this mode you can save up 12 of your own created scenes. To input your own settings use the  buttons to scroll through the menu, entering into any of the color, fade or chase modes. Select your desired scene, then press and hold the button and the display will show on the display, then press one of the buttons to select and store that scene and use the or buttons to select any one the banks , or to save your scene to.

Each bank contains 4 pre-sets giving you a total of 12 scenes that can be programmed and stored. To use any one of your programmed scenes

Use the  buttons to scroll through the menu, till is shown on the display and press the button and press one of the buttons to play the stored scene. To select a different bank follow the above steps but after pressing the button use the or buttons to select any one the banks  ,  or  .

Now press any of the buttons to play the stored scene in the chosen bank.

Note: The tri-colour LED indicators in the centre of the buttons will show the effect so that you do not have to check you LED lighting all the time.

Lock mode

Use the or to scroll through the menu, till is shown on the display, then press and hold the button and enter a 4 digit code using the 1 , 2 , 3 and 4 buttons. After selecting your 4 digit code the LED wall dimmer will blink and automatically lock it self so no unwanted users can mess with it. To unlock it, simply press and hold the button and re-enter your 4 digit code using the 1 , 2 , 3 and 4 buttons and the wall dimmer will blink to confirm it has been unlocked.

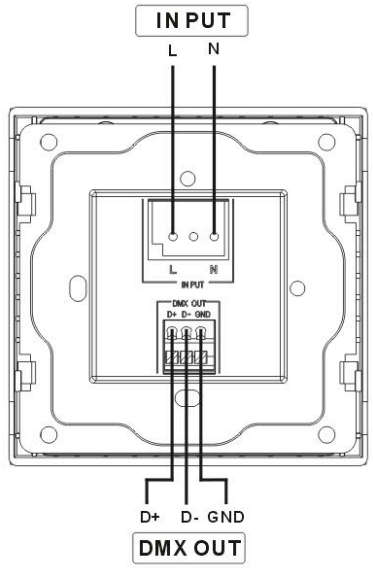
Note: Incase you forget your code, the emergency code for unlocking the wall dimmer is 4444.

Factory reset mode

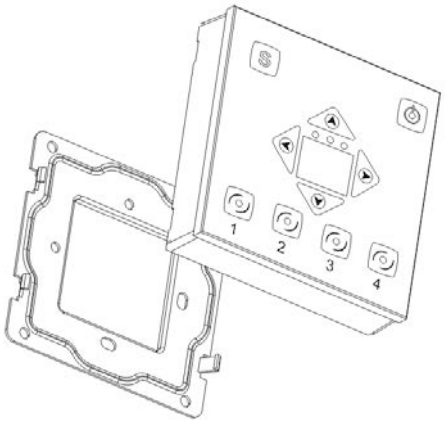
Press button, LED-WD VI-TX enters OFF status, the related LED indicator turns red, then hold and No. buttons 1 and 4 for 2 seconds, the LED-WD VI-TX will power on again, the related LED indicator will turn blue, and LED-WD VI-TX will enter normal operation status automatically, then factory reset succeeded .

Connection & Installation

Please wire and mount the controller as the diagram below:

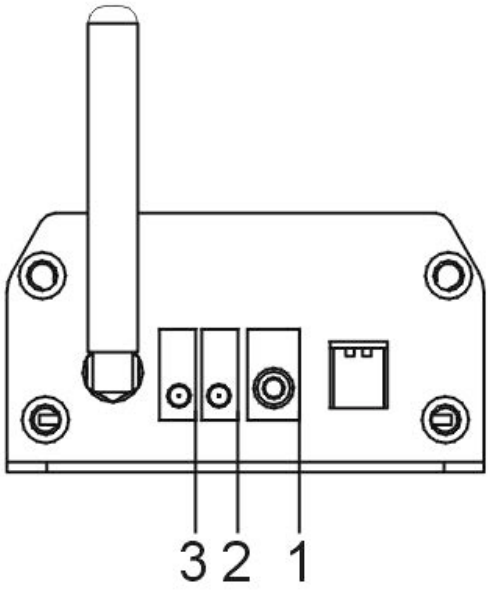


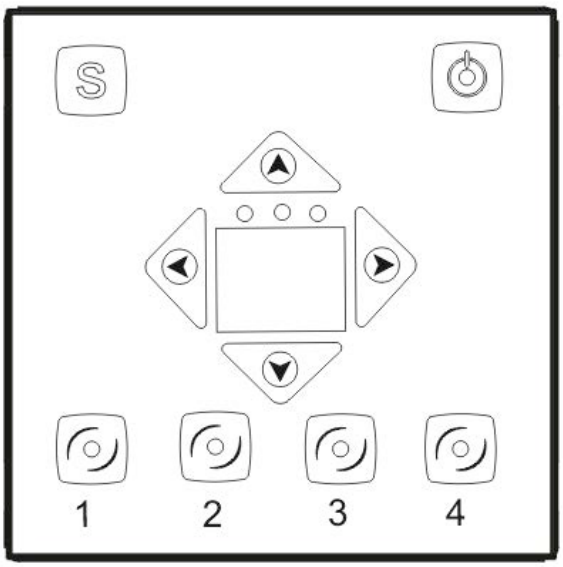
Wiring diagram



Mounting diagram

Pairing the LED-WD TX and LED-WD RX together:





Pair up LED-WD VI R and TX

1. Power off the LED-WD VI-TX, Press the set up button "**1"** on the LED-WD VI RX, the LED indicator "**3"** on the RF-DMX-TX will blink slowly.
2. Power on the LED-WD VI-TX, the LED indicator "**3"** will be blinking fast, which means LED-WD VI-TX pair up with LED-WD VI- RX was successful.
3. Press set up button "**1"** for about 5 seconds, the related LED indicator will blink slowly, press the button "**1"** again to cancel wireless control settings.

Note: Max. 10 LED-WD VI-TX can be set pair with one LED-WD VI RX.

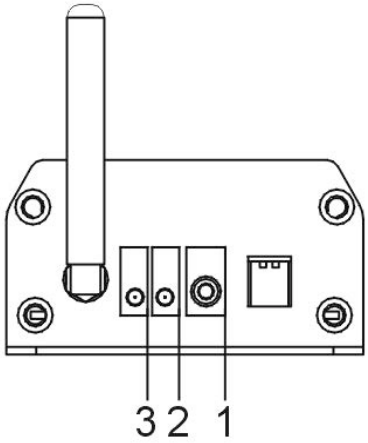
Wireless function

- **How to set the mode of Wall Dimmer VI Receiver (LED-WD VI-RX)**

Mode Selection: (Dip #1=on)

Dip Switch: To choose the mode you desired. Please refer to the following diagram to know how to set the DIP Switch:

Mode	Dip Switch Setting		Function
	1	2	
1	▪	▪	RGBD&WHITE
2	▫	▪	RGBD&NO WHITE
3	▪	▫	RGB&WHITE
4	▫	▫	RGB&NO WHITE



Mode 1 RGB & WHITE : (Dip #1=off, Dip #2=off)
In this mode you can see Red, Green, Blue, and White on Tri-colour LED indicators.

Mode 2 RGBD & NO WHITE : (Dip #1=on, Dip #2=off)
In this mode you can see Red, Green, Blue without White on Tri-colour LED indicators.

Mode 3 RGBD & WHITE: (Dip #1=off, Dip #2=on)
In this mode you can see Red, Green, Blue, White on Tri-colour LED indicators.

Mode 4 RGB & NO WHITE : (Dip #1=on, Dip #2=on)
In this mode you can see Red, Green, Blue without White on Tri-colour LED indicators.

Update Software

Download update file from our website; follow the user manual of VD-01 to update the fixture via VD-01 (not included)，also you can follow the steps as below:

A、Before opening the upgrading window, please turn off the power of the LED-WD VI-TX first, then open the upgrading window

B、Then click Fixture Firmware Upgrade on the upgrade window, you will see a new upgrade window

C、Power up the LED-WD VI -TX at your hand Then click open order to open the upgrade file

At this step, please check the Green LED indicator on VD-01, the LED indicator should be blinking at this moment, if it is not blinking then the upgrade will be failed. PLEASE NOTE THIS.

D、single click Upgrade order, you will see the speed engine is running,

At this step, please check the Green Signal LED indicator on smart wall dimmer and Green LED indicator on VD-01, when upgrading is going, both LED indicators are blinking, if each of them is not blinking then the upgrade will be failed. PLEASE NOTE THIS.

E、After finishing the upgrade process, you will see the firmware upgrade finish window

F. Exit the upgrade window, please reboot your LED-WD VI-TX to check out whether they are upgraded successfully.

Http://www.visio-led.com

Specifications are subject to change without prior notice.