

USER MANUAL

Version: 1.1



PICTURES ONLY
FOR REFERENCE.

Neutral-free WiFi dimmer switch-TERMINALS: **D2L04W- S/S3/SA/SA3/P/P3/PA/PA3/PB/PB3/PC/PC3**

Neutral-free WiFi dimmer switch-WIRES: **D2L04W-SW/SW3/SWA/SWA3/PW/PW3/PAW/PAW3/PBW/PBW3/PCW/PCW3**

Neutral-free Digital dimmer switch-TERMINALS: **D2L04-S/S3/SA/SA3/ /P3/PA/PA3/PB/PB3/PC/PC3**

Neutral-free Digital dimmer switch-WIRES: **D2L04-SW/SW3/ WA/SWA3/PW/PW3/PAW/PAW3/PBW/PBW3/PCW/PCW3**

Please read carefully this manual before installing and using the product.

PRODUCT INTRODUCTION IN BRIEF:

Thanks to the revolutionary IOT technologies from SZ-TSYL, D2L04/D2L04W series dimmer operates 2 wires mode without neutral. It is easy to upgrade your lights to smart lighting without re-wiring.

The WiFi modules are built-in for the models D2L04W. It accesses the internet by router directly without an IoT gateway. It allows users to save costs on smart homes. It is controlled by Apps, and the third smart speaker such as Amazon's Alexa, Google Assistant.

PRODUCT SPECIFICATION

RATE INPUT	120V~ 60Hz
WIRING	TERMINALS or WIRES (Please refer to wiring diagram)
LOAD	MINIMUM: 7W; MAXIMUM: 150W(LED) 350W(INCANDESCENT)
LOAD TYPE	LEDs (Dimmable), INCANDESCENT, HALOGEN
DIMMING RANGE	MAXIMUM RANGE 3~95% (Depends on load.)
DIMMING MODE	LEADING EDGE, Only for dimmer switch
COMMUNICATIN	WiFi 802.11.b 2.4G
ENVIRONMENT	-5°C~40°C; 5%~95% RH, NON-CONDENSING
STANDARD	UL 1472

FCC CAUTION:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

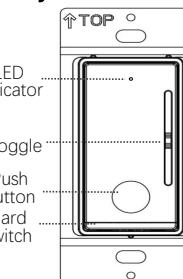
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

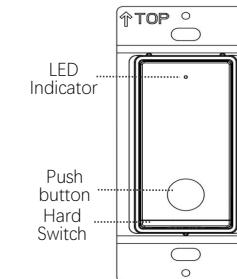
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:—Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. —Consult the dealer or an experienced radio/TV technician for help.

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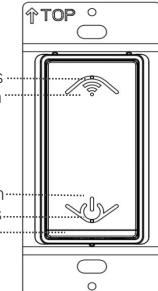
Know your switch/dimmer switch:



D2L04/W-S/S3/SA/SA3/SW/SW3/SWA/SWA3



D2L04/W-P-3/A/A3/W/W3/AW/AW3
AP10W-P/P3/A/A3/PW/PW3/AW/AW3



D2L04/W-P-B/B3/C/C3/BW/BW3/CW/CW3

SWITCH Push ONE time the push-button to TURN ON or TURN OFF.

Tips: Push and holding or pushing the button quickly will trigger other functions.

DIM Way-1: Push and hold the push button to dim up/down circularly
Way-2: Slide the Slide-toggle to a particular position to set the lighting level (Only model D2L04-S, D2L04W-S)

Way-3: Dimming or setting the lighting level by Apps or by AI speaker
(Amazon's Alexa, Google Assistant, Only model D2L04W series);

Tips: Push quickly will trigger other function.

SETUP Light-level setup: Click the push-button quickly 5 times to start the light-level setup mode, dim a minimum lighting level what you want, then click quickly 2 times (double click), the dimmer switch will set up the present level as Min light-level. In the light-level setup mode, dim a Maximum lighting level what you want, then click quickly for 4 times, the dimmer switch will set up the present level as Max light-level
Reset to factory setting: Push the push button quickly for 9 times

FUNCTIONS	LEDs	OPERATING	REMARK and TIPS
Reset to Factory	Blue LEDs flash for 30s	Click the button for 9 times	Click for ONE time is less 0.5s,
Light-level setup	Blue and Orange LEDs flash alternatively	Click the button for 5 times	It will turn back in 30s. Click for ONE time is less 0.5s.
Turn on/ Turn Off	Blue= Turn ON; Orange=Turn OFF	Click the button for 1 time	Push time is in 0.3~1s.
Dimming- Manually	Orange and Blue blending to indicator the lighting level	Push and hold the button until got your intended light-level; Or slide the toggle	You can set the max and min light level of your dimmer according to your lamp and habit.
Online Setup and Dimming	Please refer to above	Operates by Apps and Smart speaker	Please refer to guide on Apps and Smart speakers

TROUBLE SHOOTING

Doesn't work and LEDs never light: Check the if the dimmer switch is installed correctly, check the Hard switch or the dimmer is pushed down, check the breaker is turned on, check if the lamp is OK and installed correctly;

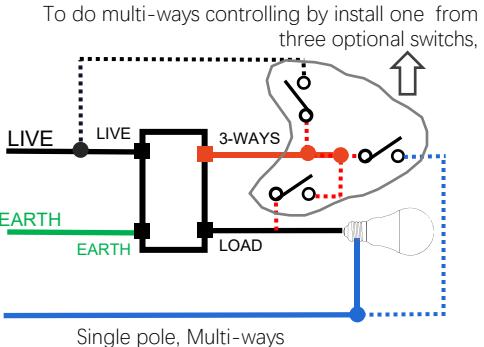
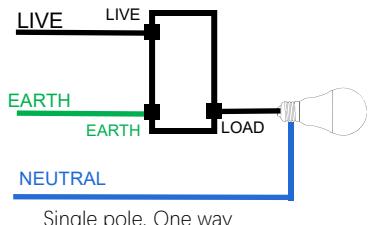
Lamp/bulbs flicker: Check the lamp/bulbs are dimmable and power more than 7W;

Lamp flicker at the minimum/maximum level: Set an appropriate minimum/maximum light level.

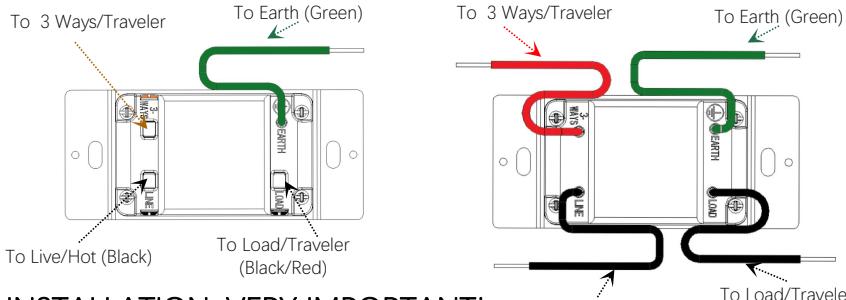
Limited dimming range: Check the setup maximum and minimum light level. Reset to factory set up by pushing the button 9 times.

Can't connect to WiFi network: Check if your operating follows up on the guide. Check if there is a WiFi network. Check the WiFi router is compliance with 802.11 b/g/n.

WIRING DIAGRAM



WIRING FOR THE SWITCH/DIMMER SWITCH



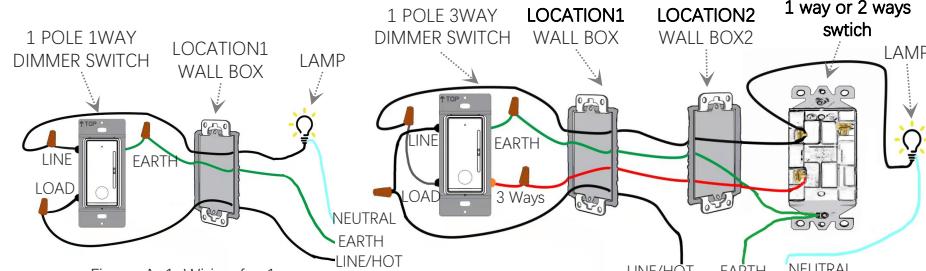
INSTALLATION-VERY IMPORTANT!

IMPORTANT: MAKE SURE TURN OFF THE CIRCUIT LOOP BEFORE INSTALLATION.

1. Turn off the main power switch or the breaker;
2. Pull out the hard switch of the dimmer switch;
3. Take off the exit switch/dimmer switch;
4. Connects the Live (black) wire, Load (black or red) wire, earth wire (Green), Traveler wires (RED or other colors) of wall box to Live terminal or wire(black), Load terminal or wire(black), earth wire (Green), Traveler wires (RED) of this dimmer switch; Refer to Figure A1-A4;
5. Put the dimmer into the wall box and lock the screws. Refer to Figure B;
6. Fasten the switch face shell (pay attention to the up and down direction of the panel) and lock the screws. Refer to Figure C; Then mounts the plate cover.
7. Turn on the mains or breaker.
8. Press the hard switch to actuate the dimmer switch. The indicator is on to show it operates normally;
9. Installation is completed. It is available for manual operating;
10. Install the Apps for intelligent configuration.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.



* PLEASE READ THE WIRING GUIDE FOR MORE WIRING.

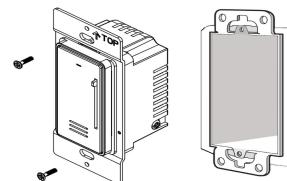


Figure B: LOCK TO WALLBOX

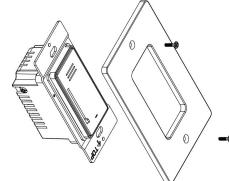


Figure C: STALLATE PLATE

APPS DOWNLOAD AND SMART SKILLS

1. Download Apps for the first time and log in.
2. Power on the switch/dimmer, the orange/blue LED will flash.
3. With logging into Apps, you can click "+" in the upper right corner to add new devices for your smart switch/dimmer during the LED flashing.
4. If the LEDs don't flash, please click the button for 9 times until the LED flashes.
5. With your successful adding the device, you can dim your lighting by Apps now.
6. Relates this device to other AI speakers, such as Google Assistant, and Amazon's Alexa in Apps, so you can control the switch by voice.
7. For more information, please refer to App's helping.

ISEDC Warning:

This device complies with Innovation, Science, and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil nedoit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.

Le présent appareil est conforme Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.

