ORVIBO

MixDimmer D5

User Manual

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封底

封面

Any help needed, please contact us by
support.us@orvibo.com
Support: https://www.orvibo.com/en/support

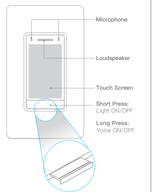
Thank you for choosing MixDimmer D5

MixDimmer D5 switch is a standard size smart dimmer switch that can quickly turn a traditional switch into a smart one

It combines four types of interaction: buttons, touch screen, voice and mobile app, while using Wi-Fi communication protocols. You can quickly control the lights through the button, precisely control through the touchscreen, remotely control through mobile app, voice control through Alexa or Google Assistant.

It is a collection of device control, voice intercom, weather display and other applications of the wall smart switch.

Specification





Package List



Product Specification

Model	DM50K
Product Size	4.12*1.75*1.80in
Input Voltage	100~120VAC 50/60Hz
Load Range	Max 250W INC /HAL Max 100W LED/CFL Max 250W MLV/ELV
Communication Mode	2.4GHz Wi-Fi, Bluetooth 4.2 (not compatible with 5GHz Wi-Fi)
Operating Environment	Temperature 32~113°F, humidity ≤90%rh
Storage Environment	Temperature -4~158°F, humidity ≤ 95%rh

Check Compatibility Before Installation

- **Is the power supply in your house 120V/60Hz?**
 MixDimmer D5 switch supports 120V/60Hz power (standard for US and CA houses).
- **Is there a neutral wire in the junction box?**
 MixDimmer D5 switch requires a neutral wire for installation.
- **What is the power of your lamp?**

Lamp Type	Load Range
INC/HAL	250W Max
LED/CFL	120WMax
MLV/ELV	250W Max

- **Is the replacement switch controlling the fan or ceiling fan with light?**
 The MixDimmer D5 switch only supports light switch, not fan or ceiling fan with light.

Preparation Tools



Power tools are not recommended.

Installing this product involves handling high voltage wiring. Each step of the enclosed instructions must be followed carefully. To avoid fire, personal injury, or death, turn off your circuit breakers and follow the proper safety precautions before proceeding.

UNSURE ABOUT HANDLING ELECTRICAL WIRING? CONSULT A QUALIFIED ELECTRICIAN.

The product should be used indoors only and should not be installed in wet environments such as bathrooms. Do not attempt to repair the product by yourself, it should be repaired by an authorized professional.

Single Pole Installation

① Turn off the power



⚠ Turn off the circuit breaker, then turn the light on and off several times to verify that the power is off.

② Remove Panel

Remove the wall switch screws and gently pull the switch out, but do not disconnect the wires.



③ Take a Photo



Take a picture showing the existing wire connections from the wall to the back of the switch. This will be useful if you need to reconnect your previous switch.

④ Identify the Neutral and Ground wires



In the junction box, the white wire fixed with the wire nut is Neutral wire.

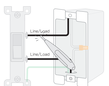


In the junction box, the green or bare copper wire is Ground wire.

⑤ Turn on the power



⑥ Identify the Line/Load wires



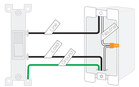
Identify the wire with the electrical tester. The Line wire is energized when the light is turned on or off, and the load wire is only energized when the light is turned on (usually Line and Load wires are Black and Red respectively)

⚠ Identify the wires need to operate with electricity, do not touch the bare metal with your body.

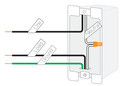
⑦ Turn off the power



⑧ Marking wires with wire labels

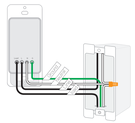


⑨ Remove the switch



Remove the switch after labelling the wires.

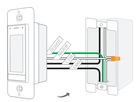
⑩ Connect the wires



Make sure the circuit breaker is power off. Use wire connectors to connect the wires on the MixDimmer D5 to the labelled wires coming from the wall in order.

① Connect Neutral wires
② Connect Ground wires
③ Connect Line wires
④ Connect Load wires

⑪ Install the switch



With light pressure, push you MixDimmer D5 into the switch box.

The switch should sit flush against the wall—if not, pull the switch out and try rearranging the wires.

⚠ Please do NOT force the switch into the wall.

⑫ Install the panel



Secure the mount with screw and then fix the front panel to complete the installation.

Configure MixDimmer D5

*As software evolves, the latest user interfaces may differ slightly from what is described in this manual.

Follow the 3 steps to complete the device configuration for MixDimmer D5 .

Step 1: Download the App

Path ①: Search "ORVIBO Home" in the App Store or Google Play Store to download the App.

Path ②: Scan the QR code with your mobile phone to download the App.

ORVIBO HOME

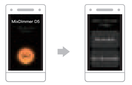
After download the App, register a new account and log in.

Step 2: Turn on the circuit breaker to start the device.



Step 3: Follow the on-screen instructions to complete the configuration.

① Click Start to set up



② Select the type of light

- Dimmable: For Dimmerable type, the Minimum and Preference brightness could be set by sliding up or down.



- Non-dimmable:



③ Open the ORVIBO Home App, scan the QR code on the screen to complete the device network connection and account binding according to the instructions. Click the "+" on the right corner of the app's home page and scan the QR code to complete the network connection.



④ Complete Configuration



Basic Operations
Physical Button
Short Press: Turn the light on/off
Long Press (5s): Turn microphone off/on



Swipe Left or Right

Swipe left or right to switch control and settings pages for different devices.



Common Functions

Control Lights

The light can be turned on/off and the percentage of brightness can be adjusted through touch screen, voice and App, and the physical button can only turn on/off the light.



* With ORVIBO smart switches, controlling other lights on one MixDimmer D5 can be achieved. More instructions are on page 27.
* Voice control requires Amazon Alexa or Google Assistant

Mode Control

① Vocation Mode: Lights turn on/off randomly when you are away to keep your home safe.

② Automatic Mode: The light turns on automatically when the device detects that the room is dark, and turns off automatically when the room is bright.

③ Customised Mode: The light brightness can be edited to suit your needs, e.g. 50% brightness for reading mode. There are two ways to customize:

• On MixDimmer D5:
Click"Add"to set different brightness, a total of 4 icons can be added to indicate the customized mode.



• On App:
Go to "Me"-"Device Management"-"All Devices", select the device and go the-"Setting"-"Mode Manage"-"Add Mode" to set the name of the icon, then MixDimmer D5 switch will sync the information to match the settings.



Control Other Devices

Go to "Me"-"MyHub"-"Device", click the"+" to choose the devices you want to dispally on the MixDimmer D5 , then you can control those devices directly from the MixDimmer D5 .



*Only support Orvibo smart lights and switches.

Scene Control

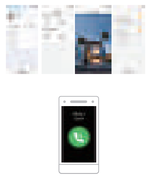
Define different scenes based on your needs, so that you can control multiple devices with one click, e.g. turn off all the lights when you leave home.

Go to"Smart"—"Scenes" and click "+"in the right corner to set the scene. After finishing the setting in the app, the scene information will be displayed on the screen of MixDimmer D5 .



Voice Intercom

Intercom function enables voice intercom with other rooms.



* Voice intercom function requires two MixDimmer D5 switches to be in the same WLAN.

Voice Broadcast

Broadcast function enables MixDimmer D5 switches in all rooms to broadcast voice simultaneously.

Press and hold the button to turn on the broadcast, and release to stop the broadcast.



* Voice broadcast function requires all MixDimmer D5 switches to be in the same WLAN.

Voice Control via Siri

Do not have an Alexa or Google Home device? If you have an Apple mobile device, you can enable Siri voice control to the scenes you created.

Log in to the ORVIBO Home App, go to "Me", find "Siri Shortcuts", and click "Add to Siri" to customize voice control from Apple devices to home appliances.

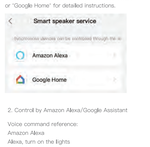


* Siri only works with scene.
You can also enable Siri voice control when you create the scene. Siri voice command starts with "Hey, Siri."

Support Amazon Alexa and Google Home

1. Link ORVIBO to Amazon Alexa/Google Assistant

Log in to the ORVIBO Home App, go to "Me", find "Smart speaker service", and click "Amazon Alexa" or "Google Home" for detailed instructions.



2. Control by Amazon Alexa/Google Assistant

Voice command reference:
Amazon Alexa
Alexa, turn on the lights
Alexa, turn off the lights

Google Assistant
Hey Google, turn on the lights
Hey Google, turn off the lights

Set Up with Matter

matter

You can integrate this device into any Matter ecosystem you prefer for controlling by its App or setting up routines with other matter devices.

How to Set Up：
A Matter-supported controller and smart home app of the same ecosystem are required.
1. Turn on Bluetooth on your phone.
2. Open the smart home app and scan the access QR code provided in the initial settings or "Setting – Add to App – Matters App" on the screen of MixDimmer D5.
3. Follow the instructions in the app to complete setup.
Note: Setup processes may vary between different ecosystems.

Failed to Set Up?
1. Try to connect your phone to a stable 2.4GHz Wi-Fi network with internet access instead of a 5GHz network;
2. Turn off, then turn on the power to restart the device;
3. Refer to the FAQ for detailed instructions:
https://www.orvibo.com/en/support/supportFaqs.html

4. For technical support, contact: support.us@orvibo.com

Warranty Range And Duration

One year warranty applies to most ORVIBO products unless specified at the time of purchase. Accessories included with the main device and batteries have a warranty of six months when buying ORVIBO products, the product warranty remains measured from the time it was bought by the original owner.Any other promises made by dealers beyond the guarantee of ORVIBO, ORVIBO will not assume any liability.

The following cases do not bellong to free repair scope and ORVIBO will provide paid services. Please note. Fill to provide warranty card and related sales invoices. Cleaning of product and wear loss under normal circumstances such as natural loss of casing, inserting components, aging and wear).

Any product failure or damage caused by installation, usage maintenance, and storage that are not in accordance with usage instructions. Alter or tear up barcode on products or warranty card without authorization.

For those beyond charge or warranty period.

Product serial number or type on warranty card does not match the product itself. Without getting the permission of ORVIBO, change its inherent structure circuit privately, or dismantling or modifying without authorization.

Product damage caused by accident, human abuse/misuses, such as output short circuit, high-voltage

Input, overload work, high temperature, water inflow, mechanical damage, broken serious oxidation or rusty and etc.

Damage caused by transportation loading and unloading on the way of return for repair .

Product failure or damage caused by force majeure such as earthquake, fire, flood lightning and so on.

Product failure or damaged caused by any problem other than product design, technology, manufacturing, quality and others. Accessories are not included in free repair scope. This regulation shall come into effect since the issuing date.

ORVIBO will keep the final interpretation right and revise.

FCC

FCC Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the Notice. 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 correctthe 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.

RF Exposure Information
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 and your body.

FCC ID: 2AWF7-DM50K