

SPECIFICATION

Model: T20W1Z

Doc. Version: V1.1

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1、Product Overview

ORVIBO Aurora Smart Switch (Neutral Switch 1 gang) is a 86 type ZigBee wireless control faceplate. Working with other ZigBee devices by connecting to ZigBee Hub via Zigbee network. Easy turn on/off your lights by just a simple tap the HomeMate App on your smart phone or tablet-----no matter where you are.

Features

- Remote control: Turn on/off your lights and instant monitor the status of the switch via HomeMate App from anywhere while it is connected to Wi-Fi.
- App control: Turn on/off your lights via HomeMate App.
- Working with ORVIBO Mini Hub and HomeMate App, easy to DIY your own style Smart Home.

● 1.1 Application Scope

ORVIBO Aurora Smart Switch (Neutral Switch 1 gang) is applied for homes, offices and hotels indoor environment.

1.2 Product Picture



2、Initial Setup

1. Start with an App

- 1.1 Scan the following QR code or download the free “HomeMate” App from App Store /Google Play on your smart phone or tablet device.



- 1.2 For the first time setting up, need to create an account.
- 1.3 Power on the smart switch and the LED is flashing means the switch is searching for the Hub.
- 1.4 Login HomeMate App then scan the QR code in Step 1.1 to complete the App configuration automatically, or you can click “ + ”on the right upper corner of the HomeMate homepage to finish the configuration refer to the guide.

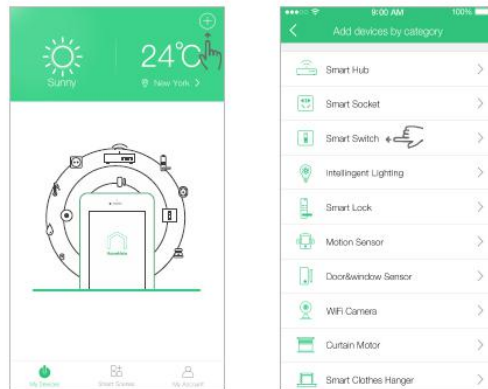


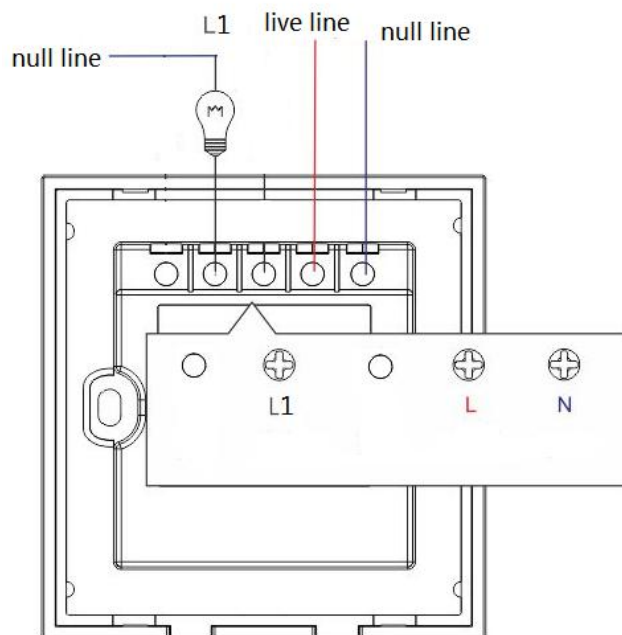
Figure 3

2. Instruction of Wiring

Shut **OFF** the power at the circuit breaker for the switch you are replacing. You may need to shut **OFF** more than one circuit breaker/switch to make sure the switch you're working on is powered **OFF**.

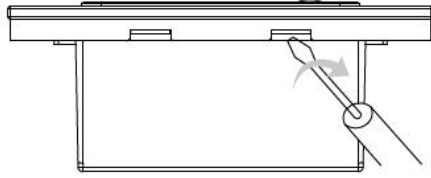
2.1 Connect the wire of the light to L1, then connect the live line to the L pole, neutral line to the N pole respectively refer to following picture.

Warning! The following wiring scenarios may be dangerous or illegal:



3. Install the ORVIBO Aurora Smart Switch (Neutral Switch 1 gang)

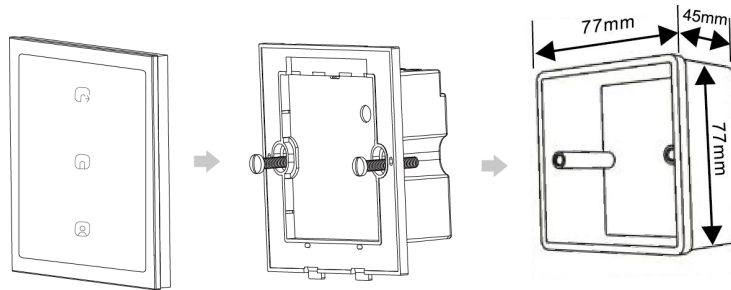
3.1 Take down the glass faceplate by the flat screwdriver.



3.2 Connect the power line to the binding post of the switch base refer to above “instruction of wiring” .

3.3 Fix the switch base on the wall box using screws.

3.4 Put back the faceplate and turn the power back ON at your circuit breaker.



IMPORTANT:

- 1- Shut **OFF** the power at the circuit breaker for the switch you are replacing.
- 2- Wrap electrical tape around the wire nuts to make sure the copper conductor is fully concealed.

4. Operation Instruction

4.1 The background light of the button is blue once the switch is powered on; it will turn to red if press the button after setting scenes on the switch.

4.2 The switch will search for the Hub and connect with it automatically at the first time power on.

4.3 The background light will be blue if the switch fails to connect with network.

4.4 How to disconnect the switch from the network: Press the switch LED 5 times continuously and the fifth please hold it until the LED flash blue rapidly, then you can power it on and re-connect with the network.

3、 Technical Details

3.1 Physical Information

Size	90*86*38mm
Net Weight	151g ± 5g

Color	White/Gray
Housing Material	Aluminum plate+ Reinforced glass +Fireproof PC

3.2 Electricity Information

Input Voltage	250V~,50/60Hz
Quiescent Dissipation	$\leq 0.9W$
Max. Load	600W /gang

3.3 Radio Requirement

Communication Protocol	ZigBee HA
Radio Standard	IEEE 802.15.4
Radio Frequency	2.4GHz
Wireless Channel	Channel: 11,14,15, 19,20,24,25
Security Protocol	AES-128 bit dynamic key encryption
RX Sensitivity	$< -90dBm$
Transmit Power	4dBm
Working Distance	60 m (Without shelter)

3.4 Environmental Condition

Operating Temp.	-20~60℃, -4~140°F
Operating Hum.	$\leq 80\%$
Storage Temp.	-40~70℃, -40~158°F
Storage Hum.	20%-90%
Testing Temp.	25℃

4、Standard and Certification**4.1 Standard**

IEC60669-2-1

4.2 Certification

CB

5、Packaging**5.1 Packing list:**

Neutral Switch(1 gang)	×1
User Guide	×1
Screw	×2

6、Checking list before leaving factory

- 6.1 Make sure the Neutral Switch can start up normally once power on;
 6.2 The button on the front of the Neutral Switch can be triggered;

- 6.3 The status of indicator is normal;
- 6.4 The Neutral Switch can be connected to the internet after configuration completed;
- 6.5 The Neutral Switch can work with other devices normally;
- 6.6 The appearance of the Neutral Switch is no scratches;
- 6.7 The Neutral Switch is in factory default mode.

7、Cautions

- 7.1 Make sure shut OFF the power at the circuit breaker for the switch you are replacing.
- 7.2 If power the switch on without connecting with the network, the switch will be turn off the light automatically. The switch will work normally if re-connect with the network
- 7.3 Do not use for the bathroom and other humid places. Only for indoor use
- 7.4 Please use the neutral switch under the requested power to avoid destroying the switch.