DO101-4CH www.thermomart.com

Users should download eWeLink App on their Smartphone. The app is available on both Android play store "eWeLink" and iOS app store "eWeLink-smart home control".
After downloading the app, an account should be registered with your email (not phone#). A verification code will be emailed to you and by entering this code registration will be completed and you can login to your account.

Pairing the Device

Firstly, make sure you are close enough to Wi-Fi router and if you have VPN, remove it temporary. Also if your Wi-Fi is 5G, change it to 2.4G temporary. The app only **pairs with 2.4G Wi-Fi** but you can change it back to 5G when pairing is successfully completed. If you couldn't change your Wi-Fi to 2.4G, please check item 4 in "problems and solutions" section of this manual. After powering on, the device will enter to quick pairing mode and Wi-Fi LED light blinks 3 times & pauses once repeatedly (the device will exit the quick pairing mode within 3 minutes). Click on the "+" icon on your cellphone app and then select the first pairing method "Quick pairing". Type your home Wi-Fi ID & password and click next. It takes 1-3 minutes for device to be paired with your cellphone and added to your account. You can name the device and also change each channel name in the setting section (like "Jet", "Light", "Spa" , Heater"). When the Wi-Fi Led is on and solid, the device is Online.
To make sure the app works correctly, you should hear a clicking sound when you turn the switch ON/OFF by your smartphone or manually by pressing one of the Channels buttons. After pairing, the channels buttons can also operate as manual switch for closing and opening shutter.
After installing the app go to Setting section **Enable the inching mode with 0.5 sec for each channel because the spa switch work according to momentary switch).** Then check the **wiring section** and connect your Wi-Fi device to Spa's remote terminals.

Features and functions:

ON/OFF Remote: Open/Close your Spa buttons from anywhere in the world or at home by your iOS or Android Smartphone.

Professional timer: Use scheduled/countdown/loop on the app to turn ON/OFF pa's buttons at specified times. Pre-set timers can even work if the internet is not connected to DEVICE anymore.

Share Control: You can remotely turn ON/OFF Spa's buttons multiple Smartphones. Each device has a main user, who can share the device with other people. By downloading the app on another Smartphone you can easily add another remote to your household. The main user can also remotely add, modify, delete or enable each additional user and their authorizations.

Security mechanism: No one can add a registered wifi device to their Smartphone without main user's authorization and only the main user has complete access to all features of this device and can share it. If you wish to transfer a registered device to other users, it should be first deleted from the main user's app.

Update Last Version: This app sends you notifications when a newer firmware or version is available. Please update your app as soon as receiving the notification for using the latest features.

Voice Control: Go to icon on the first page of your app. By clicking on "eWelink Support" it shows all the voice control systems that are supported by eWeLink (Alexa, Google Assistant, Alice and IFTTT). By clicking on each voice control system, it shows how to add your device to that system. For example download "Google Assistant" app from your phone's app store. Open the app, click on the circle at the top right of the page. Click on + Add and choose "eWeLink Smart Home" from the list. Insert your account registration information. The voice command should be "Ok Google, turn {device name} ON" or OFF.

Setting

By clicking on ··· sign at the top right corner of the app page, you will go to "Setting" and there you can edit the device **Name,** update app **Last Version**. **Share** new user or **Create Group** of wifi devices work

together, turn the **Notification for operation** ON (it sends notification to your cellphone when you turn ON/OFF Spa's buttons). You can check who and when has turned ON/OFF Spa's buttons from **Logs.** Also you can set the **Power-on state** status at ON, OFF or Last State. We strongly recommend setting "Power-on state" at Last State for safety matters in case of power outage or when electricity cuts off. By enabling **Inching** mode you can increase or decrease the time of momentary closure switch (it starts from 0.5s), so you need to enable this mode for spa momentary switch. Please don't forget to use **save** icon if you want to save any change in the setting section.

Problems and solutions

1. Device has been paired and added to the app successfully but stays "Offline"?
The reason can be that **Device is placed too far from the router**, which causes a weak Wi-Fi signal. You can extend the length of the connecting wires of the device and place it closer to your router. If it doesn't work, **turn your router, Smartphone and device OFF and ON** and the problem should be solved. If it is still offline, just delete and add the Device to the app one more time.

2. I cannot pair my Smartphone with Device?
-Place Device and your smartphone close to your router and make sure that your **Wi-Fi is set at 2.4G** (you can set it back to 5G after pairing). Also make sure your Mac address filtering is Off.
-If you have VPN on your Smartphone, remove it temporary.
-Delete the eWeLink app on your Smartphone.
-Turn OFF your **"router", "Cellphone" and "Device"** all together and turn them back ON after 10 Sec.
-Download the app again (only from the App store or Google play, but not iCloud) and register an account.
-Try to pair your device once more & make sure you will enter correct Wi-Fi password & user name. When you enter the password you need to make sure that there is no blank space after the password, also consider upper & lower cases characters.

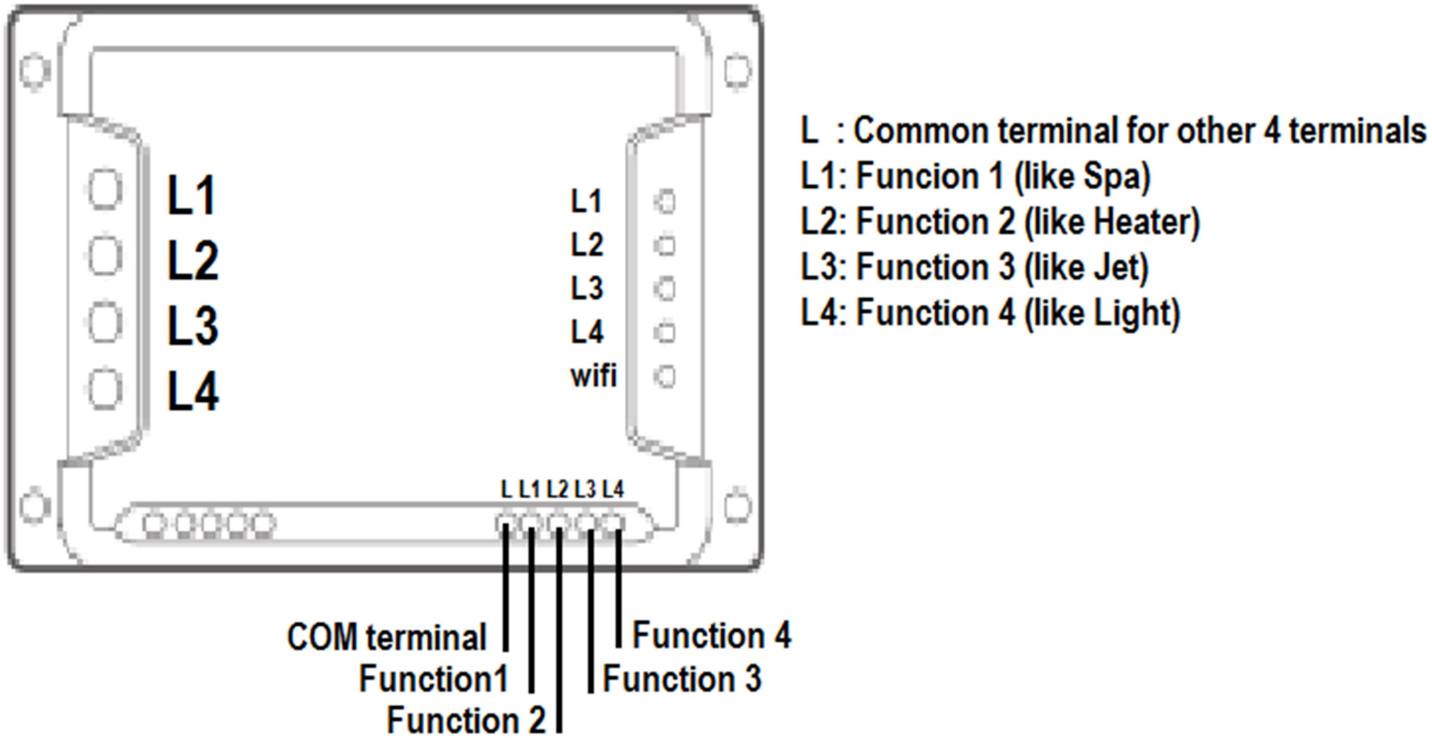
3. LED blinks and Spa's buttons turn ON/OFF by itself?
There is a loose connection or the adapter is broken. Change the adapter with a new 5V one.

4. I cannot change the Wi-Fi from 5G to 2.4G?
This unit won't be paired if the Wi-Fi is at 5G. So, if you don't see 2.4G in your Wi-Fi list, type your router web address (the numbers like 192.169.0.1) on Google and login to your router admin page (router web address, Username and password is printed at the back of your router & Password can be your Wi-Fi password). Click on "Wireless" (the one that takes you to the wireless setting, not wireless status). Click on the "5G" tab and turn the "Wireless enabled" option OFF temporary and save the changes. After successfully pairing your device with your Smartphone you can change 2.4G to 5G again. You can also check our video on YouTube by searching "DO101 2.4G". If you cannot change this setting, contact your Internet provider for more assistance.

5. When the electricity cuts off or the device is unplugged, the Spa's buttons will turn ON/OFF when power is back or I plug it again?
The "Power-on State" is set at ON or OFF. Go to the setting ··· and change "Power-on state" to Last State.

Wiring

Please be sure that the Spa's circuit breaker is off and there is no power in your control panel. Check the manual of your Spa for wiring and connecting this device to your inside remote function. Usually there is remote terminal with 5 input. One of inputs is COM and other 4 are your remote functions (like Spa, Light, Heater, Jet). We show this 4 functions in following diagram but please consider that, where your side remote functions on your Spa is connected to the PCB board too. After connecting the wires, you can turn ON/OFF and rename your WiFi device 4 switches as you see the functions on your Spa.



If you are not comfortable doing wiring you should consult a qualified electrician and it is carried out your own risk. Please contact us if you need help for wiring.

Device Specifications:

- Device comes with 5V DC adapter
- Board consumption: <1W
- Standby current: 80mA
- **Max output current: 16Amp**
- Supports to control different voltage ranges
- Relay lifespan: more than one million times
- Relay maximum pull time: 15ms
- Relay maximum release time: 5ms

DO101-4CH Four-Channel Wi-Fi Remote Controller Manual

For current product information, availability, and compatible options, use the verified ThermoMart links below. The preceding pages remain the original manual content.

CURRENT PRODUCT PAGE

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