



## Wi-Fi DOSING PUMP 3.4

### USER'S MANUAL

#### **WARNING:**

- Only for indoor use. Position to avoid moisture ingress and splashing. Water damage will void warranty.
- Do not use with corrosive liquids or liquids that will easily crystallize.
- Before use, please must make full of the inlet & outlet hose with liquid via manual mode, and calibrate the flow rate of each pump. To ensure the precision on the work process.
- Do not disassemble the product, in case of the damage if not professional or not instruct by professional.

# I . Introduction

Jebao Wi-Fi dosing pump is a modern product which enables to add different kinds of nutrition liquids in certain time and portion automatically. Before operating correctly , please read the manual carefully.

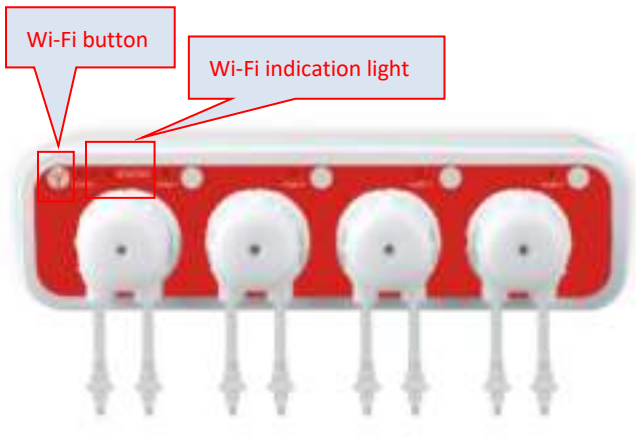
## Pump Features:

- Wi-Fi +Manual Control Function
- Automatic dosing in high precision
- Mini Size, Elegant appearance
- Automatic/handle to control the dosing liquid

## Product Specification

Model	Voltage (V)	Flow (ml/min)	Length (m)	Watts (W)
DOSER 3.4	12	50	1.5	6

## II . Wi-Fi Control Operations



### 1. Wi-Fi Indication Light and Wi-Fi Button Instruction

#### ● Wi-Fi Indication Light

- A. Wi-Fi indication light is flashing in green and red while the Pump is on Wi-Fi configuration mode.
- B. Wi-Fi indication light is flashing in green while the Pump is ever connected to Wi-Fi but not connected to the router yet.
- C. Wi-Fi indication light is green when the Pump is connected to

the cloud server.

D. Wi-Fi indication light is red when the Pump is connected to the router but not connected to the cloud server.

E. Wi-Fi indication light is flashing in red when Wi-Fi is reset.

### ● **Wi-Fi Button Instruction**

A. Press Wi-Fi button for about 5 seconds and the Wi-Fi indication light starts flashing in green and red. The Pump is into connection mode.

B. Press Wi-Fi button for about 10 seconds and the Wi-Fi indication light starts flashing in red. The Wi-Fi is reset.

C. The Wi-Fi indication light is green when connection is successful.

NOTE: For initial use, the Wi-Fi should be reset. To reset, press Wi-Fi button for about 10 seconds and the Wi-Fi indication light starts flashing in red.

## 2. APP Download and Instruction

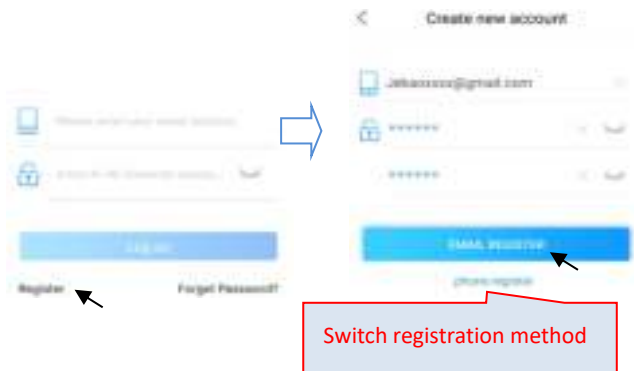
### 2.1 Download

The APP, Jebao Aqua, is available in App Store for Apple users and Google Play for Android system users. User can search Jebao Aqua in either App Store or Google Play to download the application. Alternately user may scan the barcode on the package or user's manual to download the application. (Note: Scan function in certain countries or area may not be able to read the barcode properly.)



## 2.2、 User registration, login and password reset

### 2.2.1 Email registration



- ① Open Jebao Aqua App and tap "Register".
- ② Switch to email registration, fill in the information, and tap "Register", go back, enter your account number and password to log in.

## 2.2.2 Reset Password



Tap "Forget Password" on the login page. On the Forget Password page, select "Reset by email", enter email address, tap Next,

then enter your mailbox , sign in to the App after resetting your password.

## 2.3 App Instructions

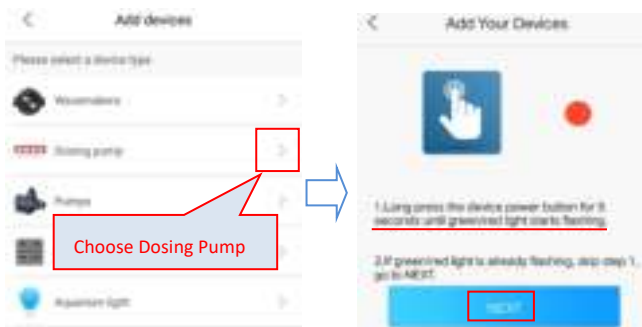
### 2.3.1. Main page



## 2.3.2 Add new pump



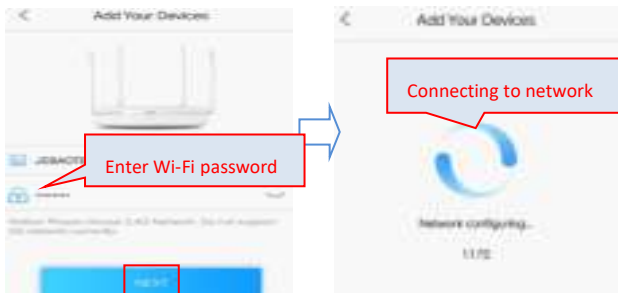
Tap "Add Now" or the "+" sign on the upper right-hand side to add your devices.



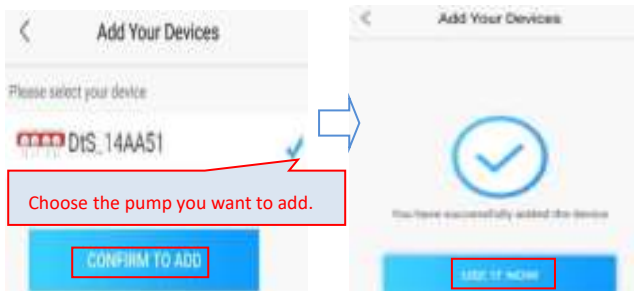
Before connecting your pump to Wi-Fi, please make sure your pump is on connection status – the Wi-Fi Indication Light is flashing in green and red. Press the Wi-Fi button for 10 seconds to reset the Wi-Fi. All previous network information will be deleted.



Choose the network you want to connect to and enter the correct password. Make sure you enter the password correct. Otherwise you need to start over again.



Select the device you want to add and tap Confirm to Add.



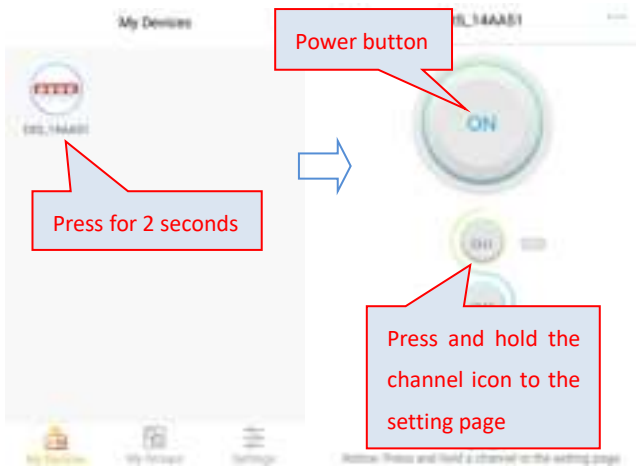
Note:

1. Press the Wi-Fi button for 10 seconds for resetting.

2. It's recommended that you have the pump, mobile device and router in close proximity when connecting the pump to Wi-Fi.
3. After connection completion, the Wi-Fi indication light is green.

### 2.3.3 Pump Control

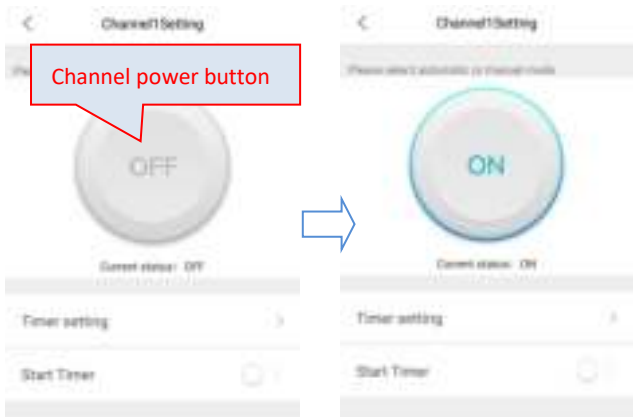
After adding the pump successfully, press the icon of the pump for 2 seconds to the pump control page.



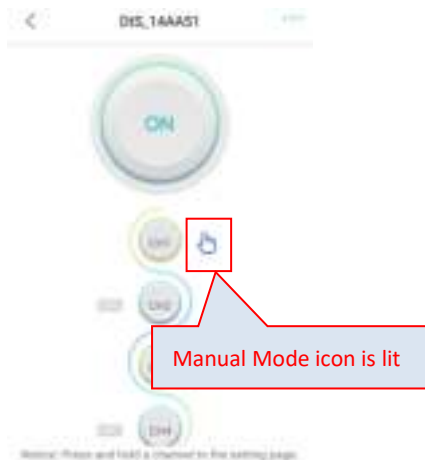
### Manual Mode:

Press and hold the channel icon to the setting page.

Tap the channel power button, then the channel current status is on and the channel is working. Tap the channel power button again, then the channel current status will change to be off and the channel will stop working.



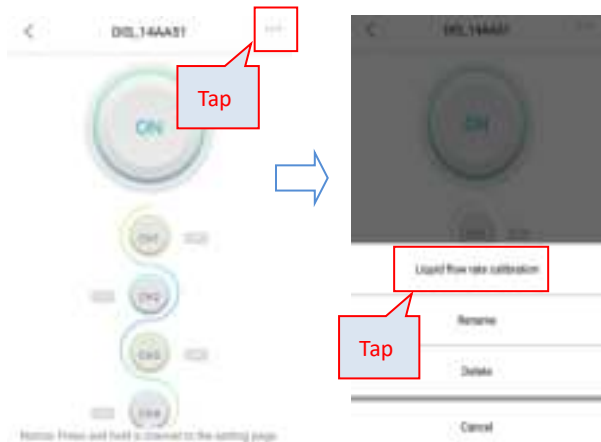
When the channel is in the manual mode and back to the pump control page, the manual icon is lit next to the channel. Other channels manual mode settings are the same.



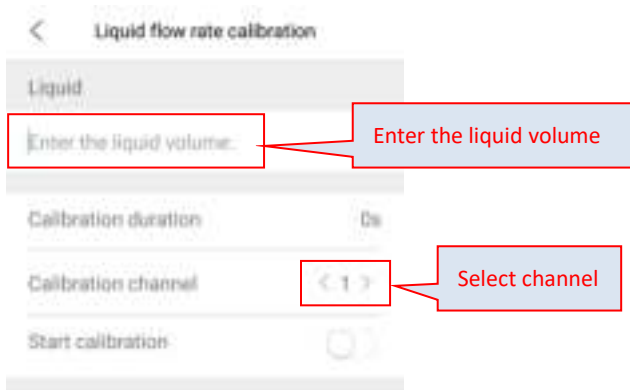
### **Liquid Flow Rate Calibration:**

Tap the top right corner of the pump control page.

And tap the “Liquid flow rate calibration” to the setting page.



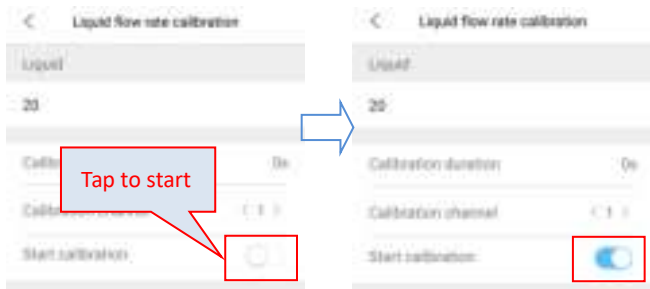
Enter the liquid volume, and select the calibration channel.



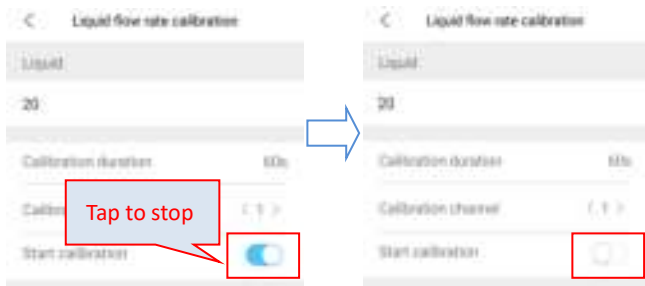
**NOTE:** For increasing the dosing precision, please refer to the actual dosing liquid volume for calibration. The calibration liquid volumes can be set to 10,20,30,40,50,60,70,80,90,100 (ml), and the calibration duration will be stored in the memory. The closer the calibration volume is to the actual dosing liquid volume, the more accurate the actual dosing liquid volume will be.

For example: If user want the pump automatically dose about 10~30ml of the liquid, the calibration liquid volume can be entered 20 (ml), and the channel is selected to 1. This calibration duration will be automatically stored in the memory.

**Calibration Method:** Make sure the pump tubing is primed with the liquid first by manual mode. Using a measuring cylinder (20ml or larger), put the channel 1 outlet hose into the cylinder, and put the channel 1 inlet hose into the liquid. Tap the “Start calibration” switch to be on, then the channel 1 calibration starts.



When the cylinder liquid is 20ml, tap the “Start calibration” switch to be off, then the channel 1 calibration stops.



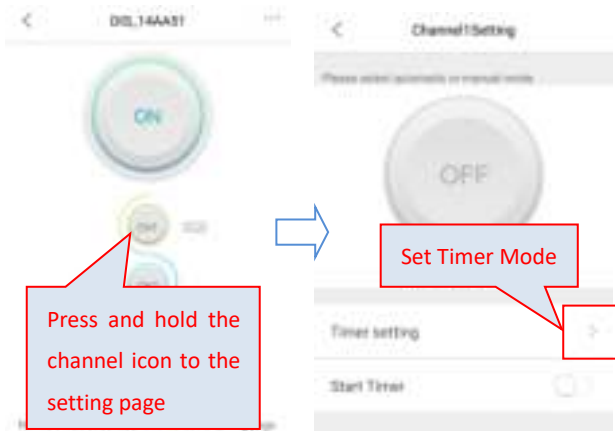
The calibration duration is shown. And the channel 1 calibration completes.

Other channel calibration is the same.

**NOTE:** Please keep the pump on the horizontal plane either during calibration or use, for increasing the precision.

### Timer Mode:

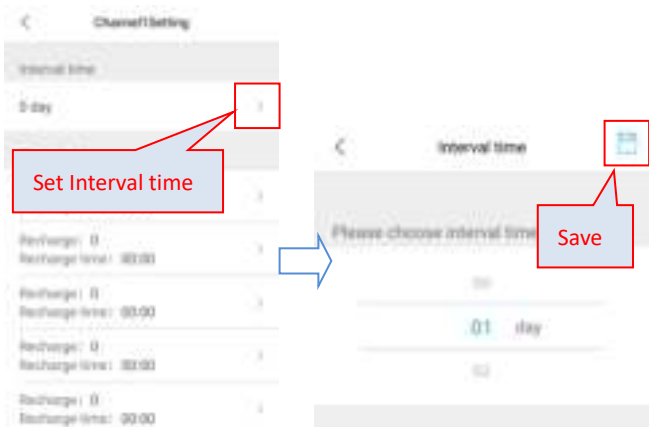
Press and hold the channel icon to the channel setting page. Tap the Timer setting “>” icon to the Timer setting page.



Set the Interval time. The Interval time can be chosen from 0 to 30 days. 0 means no interval. Tap Save to save.

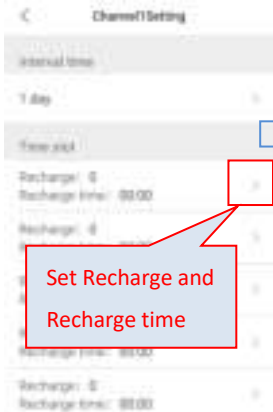
**NOTE:** When the device power is off, the interval time information will not be got. After the device power restarts, the pump will recount the interval time.



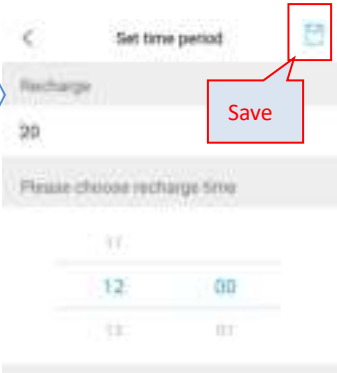


Set the Recharge and the Recharge time. Tap Save to save. Maximum 24 Recharge time can be set.

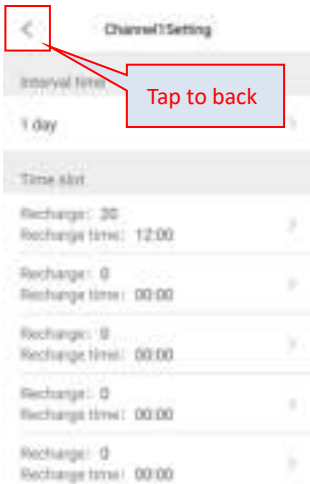
**NOTE:** When the recharge is set to 0 at some recharge time, this recharge is invalid. The pump will not work even the recharge time is come.



Set Recharge and Recharge time



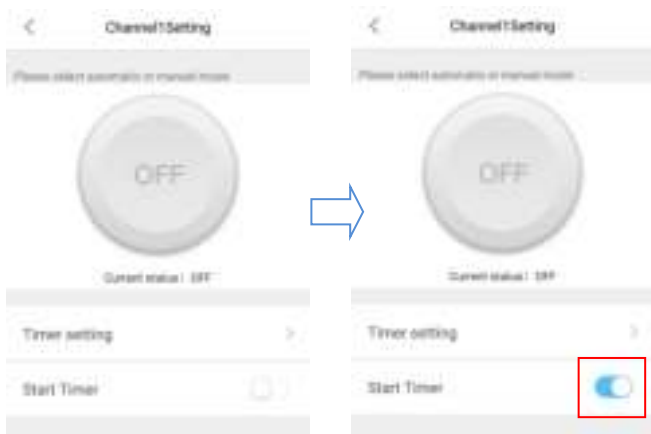
Save



Tap to back



Back to the channel setting page. Tap the “Start Timer” switch to be on. The channel 1 Timer setting completes.



Back to the pump control page, and the timer icon is lit next to the channel.

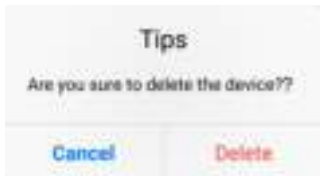


Other channels timer mode settings are the same.

### 2.3.4 Rename and Delete

User can rename the pump for easy device management. User can also remove the pump from APP. To add the pump back, user need to reconnect it to Wi-Fi network.

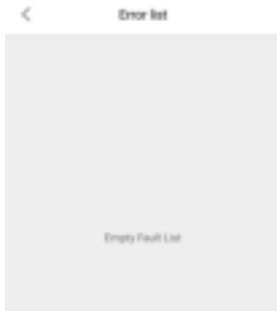
Reset the Wi-Fi module of your pump if necessary.



Rename

Delete Device

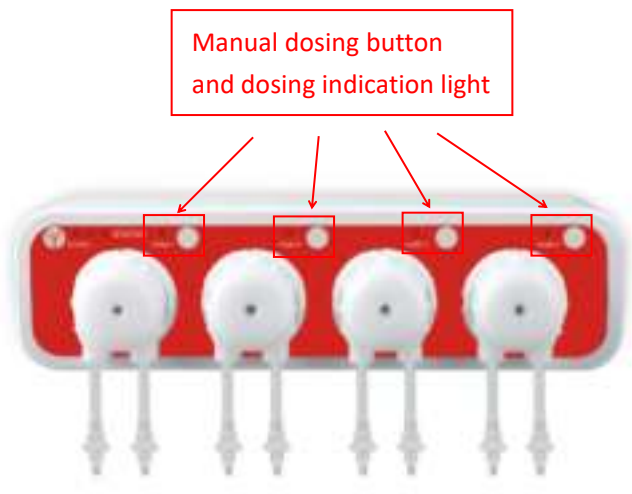
## 2.3.5 Error Report



When the pump functions abnormal, open the APP the error box will pop up and display in the error list.

APP display	explain
Wi-Fi module with motherboard communication failure	Wi-Fi module is bad contact to mainboard. The communication part is damaged.

### III. Manual Control Operation



When the Wi-Fi connection is abnormal, user can manually control the liquid dosing.

When the manual dosing button is pressed, the dosing indication light will be on and the pump body corresponding to the button will start working. When the manual dosing button is pressed again, the dosing indication light will be off and the pump body will stop working.



## **DISPOSAL:**

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.

Jebao Co., Ltd.

Add: Tongmao Industrial Park, Dongsheng, Zhongshan, Guangdong, China

Tel: +86-760-28136708, 28136720

E-mail: [info@jebao.com](mailto:info@jebao.com)

Website: <http://www.jebao.com>