Wi-Fi WF04 Dosing Pump Instructions

Package Include

- Power Supply DC12V 1A 110V to 240V 50/60hz
- Model WF04 Dosing Pump
- Dosing Tube x 1 / Dosing Pump x 1 / Liquid Test Tube x 1
- Made in China

Thank you for choosing the Mobile Dosing Products. According to the needs of aquarist, we customize a new dosing system which creatively joined the mobile control function. In this system, nutrition elements can be added and adjusted more accurately and stably.

New features of Dosing System

1. Fixed time and quantity: Customize dosing volume, time and frequency.
2. Dosing accurate to 0.1ml: Add trace elements precisely.
3. Mobile phone control: Easier and more convenient. Easier Dosing in Anywhere
4. Liquid Shortage Alarm: It can calculate the remaining liquid and the user will be alarmed when it's lack of liquid.

Welcome to use Mobile Dosing System

1. Turn on the Equipment

Connect the dosing with the power, the blue light will flash once every second. Then press the button beside the blue light to turn on the Wi-Fi function, red light will flash once every second.

2. Download application

(1)Search 'Wifi Dosing' dowload from IOS App or Google Play;

(2)Or scan the QR code to download.

3. Connect Wi-Fi

Please connect the Wi-Fi "Dosing_XXXX"' and the password is"12345678".
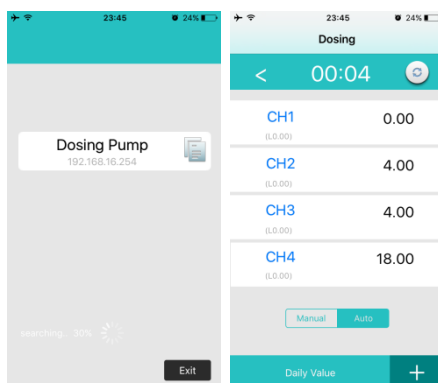

4. Search the Equipment

The system will search the dosing equipment automatically when you turn it on. Click 'Dosing Pump' to open the dosing setting page.
(Below is screenshot of IOS)
Attention: If the equipment cannot be found, please exit the application and reopen it.
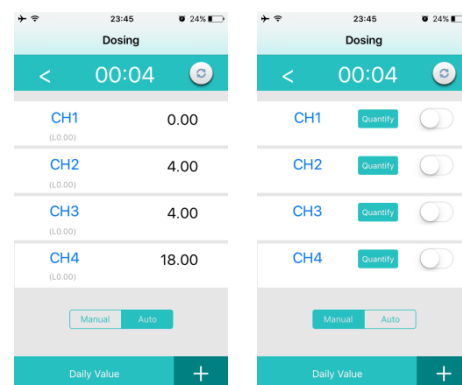

5. Set the parameters as needed

1) Press '**Manual**' button if you want to use it manually. Remember to set back 'Automatic Mode' after finishing manual control.

2) Set daily dosing volume
Daily volume is the total volume for one day. It will be automatically allocate after setting the parameters of time and frequency.
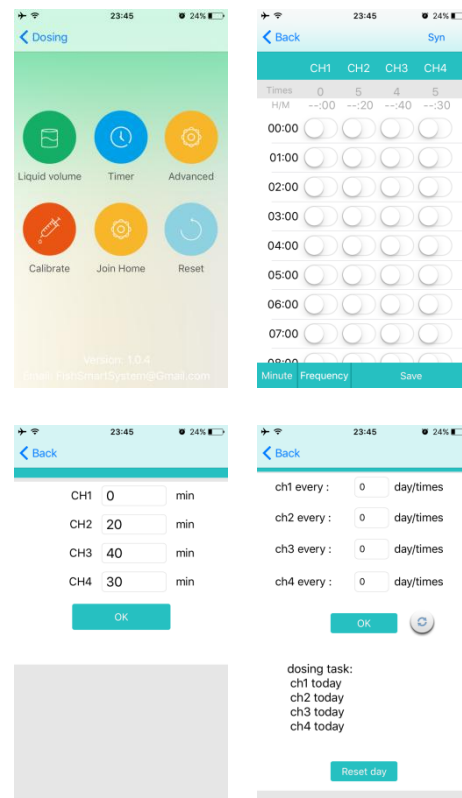
3) Customize the channel names
Set up different channel names by long pressing the 'CH1/2/3/4'.

4) Set time and frequency

Press '+'button below the page. Then press 'Timer' button to set time and frequency.
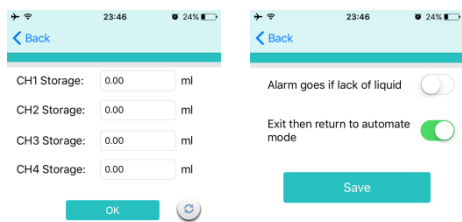

5) 'Liquid volume'

Input the "liquid volume" according to the remaining liquid in the storage tank. It will automatically reduce after finishing a dosing task and show the current liquid volume.
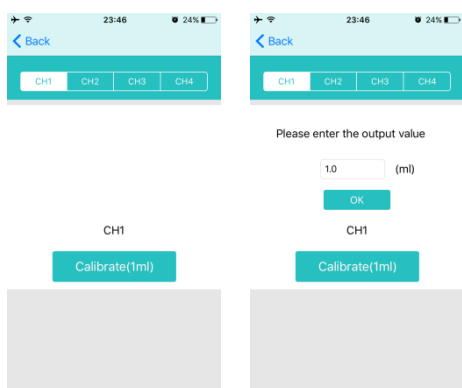
6) Advance Setup

If you click "Alarm goes if lack of liquid", dosing will give out the alarm when it lack of liquid. We suggest you click "Exit then return to automate mode" to avoid forgetting return to the automatic mode after you finishing manual control.
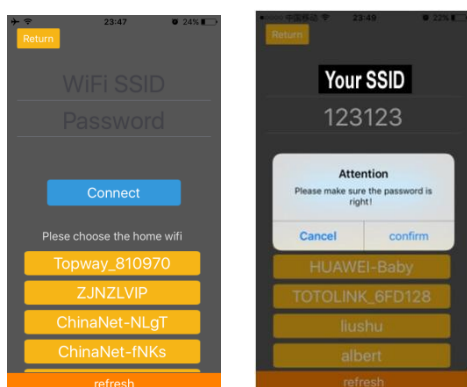
7) Calibration function:

Calibrate the accuracy of the channel by calibration function. Click 'Calibrate 1ml', and this channel will output about 1ml liquid. Please input the actual output volume (may be not 1ml) in the text box. Then click "ok" button.

Attention: Using the Calibrate continaer to test! When you Press CH1, Calibrateion 10ML, when it dosing 9ML. Input the value 9ML it will auto Save

8) Connect to the home Wi-Fi

Click "Home Wi-Fi", select the corresponding Wi-Fi signal. Input the password and click "OK". The application will automatically exit after the phone connecting to the home Wi-Fi. Wait for a few minutes and reopen the application to search the equipment.

Note：Different kinds of route models may affect the home network function. If the equipment can't be found, please reopen the application, or long press the WI-FI reset button for 8 seconds. The Wi-Fi function will recover to original factory settings.

Maintenance and Trouble Shooting

1.Which phone model does not support?

Answer: For unknown reasons, very few model of android phones can't search the equipment, but the mainstream mobile phones have been supported.

2.How do I know whether the dosing pump works properly?

Answer: The blue light flashes once per second.

3.Why it didn't execute automatically when I modify the time to test the dosing?

Answer: You're suggested to test the dosing manually when you first use it. If four dosing channels all have reaction, it means that the system is under stable operation. For the automatic control function, we add the safer automatic protection when we developed our system.

(1)After you submit your automatic control schedule, the system will not execute the control immediately that you change for preventing the situation. The system executes the dosing immediately due to the artificial operation error.

(2)If you had executed the dosing once in within one hour, you will not be able to change control time schedule in that hour for preventing the system repeat dosing at the same time due to power cut and restore or users' wrong operation.

4. Will the dosing stop operation for the disconnection of mobile phone or Wi-Fi?

Answer: NO. Mobile phone App and the dosing system are working independently. Even if the mobile phone is disconnected with the dosing or WI-FI, the dosing can work independently according to the parameters setting previously.

5. Do I need to calibrate the pump due to the power cut?

Answer: NO. because once you submit the dosing data, it will be saved in the dosing equipment.

6.How to reset the Wi-Fi mode ?

Answer: Please long press the button which on the back of the dosing.

7. How to Hardware Reset?

Answer: Hold 8 second for the Reset Button

Notes:

1. Do not use the dosing in damp environment.

2. Do not drop the power equipment into the water.

3. System Developer have a right for upgrade the apps without notice

WEEE