*When searching the app store on your iPad, make sure to select iPhone Only from the search options to see all the apps (top left corner).
ANDROID SET-UP
INSTRUCTIONS
BEFORE YOU LOGIN TO THE FLUVAL WIFI APP ensure that the following steps are completed.

1. Ensure you have a proper installation from the WiFi module to the electrical power source.

![Diagram for Light 1]

- For Light 1

![Diagram for Light 2]

- For Light 2

2. Make sure the illuminated touch-switch on your LED is “OFF” (the indicator light should be RED).

3. Enter mobile device Settings to view available WiFi networks. Select to join the Fluval WiFi network (Listed as “Fluval_WiFi_...”)

- ![WiFi Settings on Mobile Device]

4. Return to the home screen on your mobile device and select the Fluval Wifi App icon.

**Once you’ve joined the network, allow approximately 30 seconds for connection.**
• Click the “Login” button. A generic password (0000) will auto generate on your device.

**Note: If the generic password does not generate, please manually enter “0000” and click “Login”

** If at any time during set-up you become disconnected from the Fluval WiFi App, all unsaved settings will need to be re-programmed. Allow 30 seconds for proper reconnection before logging back in.
1. To add your first light, click on the “+” symbol.
2. Name your light (ex: Light 1). Next, select gateway **Port 1**. Finally, ensure model type is set to **Hagen 2CH Type**. This setting is mandatory for all Fluval 2.0 series LEDs.

3. Save your selections.
**To set-up a second light (optional), repeat steps 1 to 3. With one exception, Gateway Port must be set to **Port 2**.**
ENTERING LIGHT SETTINGS

Ensure Automatic Mode is set to “ON”
Automatic Mode allows you to set schedules for Sunrise, Break, Sunset and Night.

To enter Light 1

ENTERING CHANNEL 1 DAYLIGHT SETTINGS

Begin by setting Channel 1. This controls the white LEDs on your light unit. Channel 2 will be set-up at a later point.

- **Channel 1/Daylight** = White light
- **Channel 2/Night** = Blue light

It’s important to match times on the white & blue light channels in order to maintain a consistent pattern of illumination.
24 HOUR LIGHT SCHEDULE
Select each function separately to program the Sunrise, Break, and Sunset schedules for your light.

**Night setting will automatically be programmed to run from end of Sunset schedule to beginning of Sunrise schedule.**

If a moon effect is desired, ensure that the Sunset target brightness is at a lower percentage. We recommend 5% or lower in order to simulate this effect.**
**Select “OK” after entering your desired times**

In Sunrise mode, Target Brightness indicates the maximum brightness your light will achieve at the end of the set schedule.

Save your selection.
**BREAK SETTING** (Optional)

The break function is used to alter or vary light output in the following situations:

- **Extend viewing period without exceeding typical photo periods**
- **Temporary lower light periods to help new corals adapt**
- **Simulate natural daily light peak periods (ie. Noon sun)**

**Select “OK” after entering your desired times**

---

In Break mode, Target Brightness indicates the brightness your light will achieve throughout the duration of the set schedule. Once Break period is complete, Target Brightness will return to that set in Sunrise mode.

*Note: All aquariums can differ. Make your light adjustments based on proper research of the animals and plants you are stocking in your aquarium.

Save your selections.
**Select “OK” after entering your desired times**

Sunset Setting

Please specify the time in which the sun shall set.

**Channel:**

**Start:** 06:00 PM

**End:** 07:00 PM

Target Brightness

**0%**

Save

Night Setting

Night

**07:00 PM-08:00 AM**

**Night setting will automatically be programmed to run from end of Sunset schedule to beginning of Sunrise schedule.**

If a moon effect is desired, ensure that the Sunset target brightness is at a lower percentage. We recommend 5% in order to simulate this effect.**
ENTERING “CHANNEL 2 NIGHT / BLUE LIGHT SETTINGS”

Once Channel 1 settings are programmed, you can now move on to Channel 2 which controls the Blue LEDs on your light unit.

Repeat step from pages 7 to 10.

It’s important to match times on the white & blue light channels in order to maintain a consistent pattern of illumination.
**Manual mode (de-selecting Automatic Mode) allows control of light brightness only. It does not allow for setting time schedules of sunrise, break, sunset and night.**

1. **Set to OFF for Manual mode**
2. **To enter Light 1**
   - **Select desired channel**
   - **Channel 1/Daylight** = White light
   - **Channel 2/Night** = Blue light
The Sunrise, Break, Sunset and Night functions are not selectable in Manual Mode.

Select the hand symbol at the top right of the screen.

You can now adjust the brightness of the Light channel you have selected or turn it off completely.
Select the Settings feature at any point to change password, reset to factory defaults, rename WiFi device and activate the Cloud Effect feature.
SETTNGS

- **Change password**: Allows you to modify Login password
- **Reset to factory defaults**: This will reset all previously created schedules and parameters. You will then be able to begin the set-up process again.
- **Re-name WiFi device**: Allows you to rename device for custom identification
- **Cloud Effect**: Select “ON” to add a natural, random cloud cover effect to your light parameters
RETURN TO “HOME” SCREEN

Select the Home feature at any point to return to the main menu page.
iOS SET-UP INSTRUCTIONS
BEFORE YOU LOGIN TO THE FLUVAL WIFI APP ensure that the following steps are completed.

1. Ensure you have a proper installation from the WiFi module to the electrical power source.

   ![Diagram of installation connection]

2. Make sure the illuminated touch-switch on your LED is “OFF” (the indicator light should be RED).

   ![Image of illuminated LED]

3. Enter mobile device Settings to view available WiFi networks. Select to join the Fluval WiFi network (Listed as “Fluval_WiFi_...”)

   ![Wi-Fi settings screen]

   **Once you’ve joined the network, allow approximately 30 seconds for connection.**

4. Return to the home screen on your mobile device and select the Fluval Wifi App icon.
• Click the “Log in” button. A generic password (0000) will auto generate on your device.

**Note: If the generic password does not generate, please manually enter “0000” and click “Login”

** If at any time during set-up you become disconnected from the Fluval WiFi App, all unsaved settings will need to be re-programmed. Allow 30 seconds for proper reconnection before logging back in.
1. To add your first light, click on the “+” symbol.
2. Name your light (ex: Light 1). Next, select the gateway **Port 1**. Finally, ensure model type is set to **Fluval 2.0**. This setting is mandatory for all Fluval 2.0 series LEDs.

3. Save your selections.
**To set-up a second light (optional), repeat steps 1 to 3. With one exception, Gateway Port must be set to **Port 2**.
ENTERING LIGHT SETTINGS

Ensure Automatic Mode is set to “ON”
Automatic Mode allows you to set schedules for Sunrise, Break, Sunset and Night.

To enter Light 1

ENTERING CHANNEL 1 DAYLIGHT SETTINGs

Begin by setting Channel 1.
This controls the white LEDs on your light unit. Channel 2 will be set-up at a later point.

Channel 1/Daylight= White light
Channel 2/Night= Blue light

It’s important to match times on the white & blue light channels in order to maintain a consistent pattern of illumination.
24 HOUR LIGHT SCHEDULE

Select each function separately to program the Sunrise, Break, and Sunset schedules for your light.

**Moon setting will automatically be programmed to run from end of Sunset schedule to beginning of Sunrise schedule.**

If a moon effect is desired, ensure that the Sunset target brightness is at a lower percentage. We recommend 5% or lower in order to simulate this effect.**
**Select “Set” after entering your desired times**

In Sunrise mode, Target Brightness indicates the maximum brightness your light will achieve at the end of the set schedule.

Save your selection.
**BREAK SETTING** (Optional)

The break function is used to alter or vary light output in the following situations:

- Extend viewing period without exceeding typical photo periods
- Temporary lower light periods to help new corals adapt
- Simulate natural daily light peak periods (i.e., Noon sun)

In Break mode, Target Brightness indicates the brightness your light will achieve throughout the duration of the set schedule. Once Break period is complete, Target Brightness will return to that set in Sunrise mode.

**Note:** All aquariums can differ. Make your light adjustments based on proper research of the animals and plants you are stocking in your aquarium.

Save your selections.
Save your selections.

**Moon setting will automatically be programmed to run from end of Sunset schedule to beginning of Sunrise schedule.**

If a moon effect is desired, ensure that the Sunset target brightness is at a lower percentage. We recommend 5% in order to simulate this effect.**
ENTERING “CHANNEL 2 NIGHT / BLUE LIGHT SETTINGS”

Once Channel 1 settings are programmed, you can now move on to Channel 2 which controls the Blue LEDs on your light unit.

Repeat step from pages 7 to 10.

It’s important to match times on the white & blue light channels in order to maintain a consistent pattern of illumination.
**Manual mode (de-selecting Automatic Mode) allows control of light brightness only. It does not allow for setting time schedules of sunrise, break, sunset and night.**

**Set to OFF for Manual mode**

**To enter Light 1**

**Select desired channel**

- *Channel 1/Daylight* = White light
- *Channel 2/Night/Blue light*
The Sunrise, Break, Sunset and Night functions are not selectable in Manual Mode.

Select the hand symbol at the top right of the screen.

You can now adjust the brightness of the Light channel you have selected or turn it off completely.

**Click “X” at the top right of your screen to save setting and return to menu**
SETTINGS

Select the Settings feature at any point to change password, reset to factory defaults, rename WiFi device and activate the Cloud Effect feature.
**SETTINGS**

- **Change password**
  - Allows you to modify Login password
  - This will reset all previously created schedules and parameters. You will then be able to begin the set-up process again.

- **Reset to factory defaults**
  - Allows you to rename device for custom identification

- **Re-name WiFi device**

- **Cloud effect is off**
  - Select “ON” to add a natural, random cloud cover effect to your light parameters
RETURN TO “HOME” SCREEN
Select the Home feature at any point to return to the main menu page
FAQS

Q: I am having trouble maintaining a connection to the app. What should I do?
A:
1- Close the app.
2- Shut your mobile device off.
3- Unplug the Wifi module from the power source for 5 minutes.
4- Plug the module back in and wait 2 minutes.
5- Turn your device on and open the app.

If you are still having trouble with the connection, delete the app from your device and re-install it. Follow steps 1 through 5 again.

Q: I am having trouble downloading the Wifi app on my iPad. Am I doing something wrong?
A: Change the setting to iphone in the app store to download the app on an iPad device.

Q: Why does my light go dim and then go bright throughout the schedule?
A: The cloud effect has been engaged. If this effect is not desired simply unselect it through the settings tab.

Q: I have 2 Wifi modules operating 4 Fluval 2.0 LED lights on my aquarium. I noticed that the time schedules and light intensity have been irregular. Is something wrong?
A: Two or more Wifi modules must be a minimum of 20 in. or 50 cm apart as they can interfere with each other. We recommend you locate the two controllers to a minimum of this distance.

Q: Time display of my Wifi module is in military format. Can this be changed?
A: At the present time, No. We are working on adding this feature soon.

Q: Does the Wifi module re-set the time and settings in the event of a power failure?
A: Settings will not be affected however; the time is pulled from your mobile device. Make sure time is correct on device in order to maintain schedule.

Q: Which devices are compatible with the Fluval app?
A: Refer to the Tested Devices Page (Compatibility likely applies to more devices than are currently present on this list)
**TESTED ON THE FOLLOWING DEVICES:**

<table>
<thead>
<tr>
<th>Smartphones</th>
<th>OS</th>
<th>Apple Devices</th>
<th>iOS version</th>
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<tbody>
<tr>
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<td>Android 5.1</td>
<td>iPad Air</td>
<td>8.3</td>
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