LOOP App
Quick Start Guide

Experience your aquarium in an entirely new way with the LOOP app and controller. Together, they wirelessly connect and control your lights, pumps and accessories all in one place.

Compatible with:
- LOOP Marine Controller
- Orbit Marine 2.0 LED Lights
- Orbit Marine IC LED Lights
- Orbit Marine IC PRO LED Lights
- eFlux Wave Pumps
- eFlux DC Flow Pumps
- eFlux DC Accessory Pumps

Features:
- Always easy-to-connect via Bluetooth®
- Intuitive app is simple to use and easy to program
- 24 Hr. lighting with Dawn/Dusk, Daylight, Moonlight
- 10 weather modes with lighting & sound effects
- Includes water temperature
- Control up to 3 wave pumps
- On-demand feed mode
- Cleaning & night modes
- Controls up to 2 DC flow pumps
- Active moonlight modes with calming audio
- Program daily weather patterns with audio
- Connect up to 6 Loop controllers to one app

Try the LOOP App with no connection in 3 steps!

1. Download the LOOP app to your mobile device. Current USA LOOP app.

2. Open the LOOP app

3. Press and hold the fish at the top of the menu screen for 5 seconds and explore LOOP!

Operating system requirements:
- iOS9 or later
- Android 4.1 or later
Pairing LOOP APP & Controller

1. Mount LOOP controller and connect components, plug in power supplies into a GFCI outlet with drip loop.

2. Download the App to your mobile device. Current USA LOOP Marine.

3. On your device/phone, go to Settings -> Bluetooth and ensure Bluetooth is turned ON.

4. To open app, tap LOOP on your mobile device.

5. On the Menu Screen, tap ADD NEW located at the bottom center.

6. Tap LOOP to connect.
Once your device is connected to the LOOP controller, the **Settings** screen will immediately be displayed to set up your system. It is recommended to rename and add a photo to your new system. Note: Default name & photo of any new system is: **Updated System Name & Photo** will display upon next App login.

1. **Tap System Name.**

2. **Use your devices keypad to rename your system. When finished tap OK.**

3. **Tap Update Photo.**

4. **To use your devices camera to take a photo of your system, tap Camera and take a photo of your system. Alternatively, you can use an existing photo by tapping Photos and selecting an existing photo of your system from your devices library.**

   Select **OK** to access your devices camera and take a photo.

   **Tap Use Photo or Retake to create an image of your system.**

5. **Renaming & updating photo is complete. Tap < Menu to go to HOME screen.**

   Updated System Name & Photo will display upon next App login.
The Home screen provides an overview of your aquarium system, including daily light cycle, weather, water temperature, wireless connection status, on-demand effects and access to programming features.

Displays current Weather Forecast

Sunrise ON Time

Temperature
Green - within range
Red - outside range

Moonlight Duration

RESUME
Tap to exit any on-demand mode and return system to timer mode.

Program
Tap to access lighting & pump programming

Wireless connection status
Blue indicates active Bluetooth connection

< Menu
Tap to return to system selection screen and log out

Tap to enter System Settings

Sunset (Begin OFF) Time

ON-DEMAND Modes

<table>
<thead>
<tr>
<th>Key</th>
<th>On-Demand Mode</th>
<th>Audio</th>
<th>Duration**</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>Custom Color</td>
<td>No</td>
<td>24/7</td>
</tr>
<tr>
<td>M</td>
<td>Feed Mode</td>
<td>No</td>
<td>10 min.</td>
</tr>
<tr>
<td>M</td>
<td>Clean Mode</td>
<td>No</td>
<td>10 min.</td>
</tr>
<tr>
<td>M</td>
<td>Fading Moonlight</td>
<td>Yes - Binaural</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Moonlight</td>
<td>No</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Rolling Clouds</td>
<td>Yes - Nature</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Random Clouds</td>
<td>Yes - Binaural</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Lightning Storm</td>
<td>Yes - Nature</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Full Storm</td>
<td>Yes - Nature</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Approaching Storm</td>
<td>Yes - Nature</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Moon Rays</td>
<td>Yes - Binaural</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Sun Rays</td>
<td>Yes - Binaural</td>
<td>30 min.</td>
</tr>
<tr>
<td>M</td>
<td>Partly Cloudy</td>
<td>Yes - Binaural</td>
<td>30 min.</td>
</tr>
</tbody>
</table>

** Tap Resume to exit any mode and return system to 24hr. Timer Mode
To access lighting and pump programming, tap PROGRAM. To program LED lights, tap LIGHTS at top of page.

The LOOP Marine controller features a pre-programmed 24-hour lighting cycle to mimic nature.

To program Sunrise:

1. Use toggle to manually turn lights On / Off.
2. Tap Sunrise.
3. Use scroll to select Sunrise ON time.
4. Use sliders to adjust color spectrum.
5. Tap to go back, or select another program at bottom.

Default Light Settings (Pre-programmed)
- Sunrise ON Time: 7:00 am
- Sunrise Color Spectrum: B 50%, W 25%, R 45%, G 10%
- Daylight Color Spectrum: B 90%, W 75%, R 85%, G 30%
- Sunset OFF Time: 5:00 pm
- Sunset Color Spectrum: B 75%, W 25%, R 65%, G 0%
- Moonlight Duration: 2 Hours
- Moonlight Color Spectrum: B 10%, W 0%, R 5%, G 0%
- Weather Forecast: OFF
- Custom Color Spectrum: B 50%, W 50%, R 50%, G 50%
5  Programming LED Lights

To program Daylight:

6  Tap Daylight.

7  Use sliders to adjust color spectrum, or select a base color at bottom.

8  Tap <  to go back, or select another program at bottom.

Color Spectrum Tips:

Daylight
For healthy coral growth and color, keep Blue high (90%+), White a bit lower (75%+).

Sunrise/Sunset
To enhance colors in fish & coral, turn White low (<20%), Blue at 50-75% and Red higher (65%+).

Moonlight
Turn White, Red, Green off (0%) and keep Blue low (10%) or relax to an active mode with audio!

To program Sunset:

9  Tap Sunset.

10  Use scroll to select Sunset OFF time.

11  Use sliders to adjust color spectrum.

12  Tap <  to go back, or select another program at bottom.
To program Moonlight:

13 Tap **Moonlight**

14 Use scroll to select Moonlight duration.

You can also choose an active moonlight program featuring audio.

16 Tap ← to go back, or select another program at bottom.

To program Custom Color:

1 Tap **Custom Color**.

2 Use sliders to adjust color spectrum.

3 You can also choose an optional base color, then adjust spectrum.

3 Tap ← to go back to light programming screen.
7 Programming LED Lights

To program Weather:

1. Tap Weather Forecast.

2. Use toggle to manually turn weather On / Off.

3. Use scroll to select weather mode.

4. Use right scroll to select % mode to run during Daylight mode.

5. Tap < to go back, or select another program at bottom.

Programming Wave & Flow Pumps

Pump Default Settings:

- Wave Pump 1
  - Mode: ON - Stream
  - Flow: 100%
  - Frequency: -
  - Night Mode: OFF

- Flow Pump 1
  - Mode: Stream
  - Flow: 100%
  - Night Mode: OFF

- Wave Pump 2
  - Mode: ON - Stream
  - P/S: Primary
  - Flow: 100%
  - Frequency: -
  - Night Mode: OFF

- Flow Pump 2
  - Mode: Stream
  - Flow: 100%
  - Night Mode: OFF

- Wave Pump 3
  - Mode: ON - Stream
  - Flow: 100%
  - Night Mode: OFF

To program Pumps:

1. Tap Pumps at top of programming screen.

2. Use toggle to manually turn all Wave Pump On / Off.

Wave Pumps
To program Wave Pump 1:

1. Tap **Wave Pump 1**.
2. Use toggle to turn pump **On / Off**.
3. Tap Mode keys to select flow mode.
4. Use slider to adjust **Flow Rate**.
5. Use slider to adjust **Frequency** (Wave and Surge Mode only)
6. Use toggle to turn **Night Mode** On / Off. Note: Night mode is synced to Moonlight period and reduces flow 30%. After moonlight period ends, pump ramps back to normal flow settings.
7. Tap ← to go back, or select another pump at bottom.

To program Wave Pump 2:

1. Tap **Wave Pump 2**.
2. Use toggle to turn pump **On / Off**.
3. Use toggle to select Primary or Secondary Mode (Secondary Mode syncs with Wave Pump 1 and runs in tandem in the opposite flow).
4. Tap Mode keys to select flow mode.
5. Use slider to adjust **Flow Rate**.
6. Use slider to adjust **Frequency** (Wave and Surge Mode only)
7. Use toggle to turn **Night Mode** On / Off. Note: Night mode is synced to Moonlight period and reduces flow 30%. After moonlight period ends, pump ramps back to normal flow settings.
8. Tap ← to go back, or select another pump at bottom.
9  Programming Wave Pumps & Flow Pumps

To program Wave Pump 3:

1. Tap Wave Pump 3.
2. Use toggle to turn pump On / Off.
3. Use slider to adjust Flow Rate.
4. Use toggle to turn Night Mode On / Off.
5. Tap ← to go back, or select another pump at bottom.

Wave & Flow Pump Tips:

Wave / Pulse Mode
This mode simulates a thriving reef environment. Wave pumps change speed frequently, simulating waves or surging water currents. Great for mixed reef aquariums.

Stream Mode
This is the default flow mode, pumps create a steady stream of water flow.

Night Mode
Turning on Night Mode will reduce water flow in wave pumps by 30% during the moonlight setting. (Note: Not recommended when regular flow setting is <50%).

Flow Pumps

Note: Follow LOOP controller instructions to ensure DC Flow pumps are properly connected and manifold connection Hubs are compatible.

To program Flow Pump 1 or 2:

1. Tap Flow Pump 1 or Flow Pump 2.
2. Use toggle to turn pump On / Off.
3. Use slider to adjust Flow Rate.
4. Use toggle to turn Night Mode On / Off.
5. Tap ← to go back, or select another pump at bottom.

Flow Pumps

Use toggle to turn all flow pumps On / Off.

DC Flow Pumps

DC Pump #2
DC Pump #1
LOOP Controller

Feed Mode
Temporarily shuts wave pumps off and reduces flow pump flow for 10 minutes, allowing fish and corals to feed. Pumps ramp then ramp up to normal speed.
(Note: if using a sump protein skimmer which is water level dependent, we recommend turning this mode OFF to ensure your skimmer does not overflow.)
Temperature is currently set up as a visual indication only. When temperature is within your safe settings, it will be displayed in Green on the Home screen. When out of range, it will be displayed in Red.

To setup Temperature:

1. Tap Settings icon.
2. Tap Temperature.
3. Use toggle to select degrees F or C.
4. Tap Minimum Temperature (down arrow) and select the lowest temperature your aquarium water should safely reach.
5. Tap Maximum Temperature (down arrow) and select the highest temperature your aquarium water should safely reach.
6. Tap to go back, or select another pump at bottom.

To reset app settings to factory default:

1. Tap Settings icon.
2. Tap Settings Reset
3. Tap OK to erase all previous settings and return to app factory defaults.
4. Go to lighting and pump programs, factory resets will take effect.

Additional Info:

- Indicates what version App your device is running
- Link to Current USA Privacy Policy
- Link to Current USA Terms of Service
- Help Center Link