

MOBILE DEVICE CONNECTION


IMPORTANT! The LOOP APP does NOT require a PIN code for Bluetooth connection. Please use the connecting instructions below.

1. Download the latest version of LOOP app:

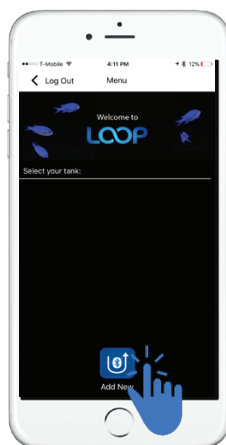
www.current-usa.com/app



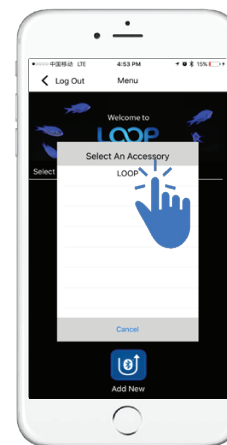
2. From your phone's Settings screen, search for Bluetooth and make sure it is turned on by moving the slider button to the right (please do not try to connect LOOP through this setting*.)



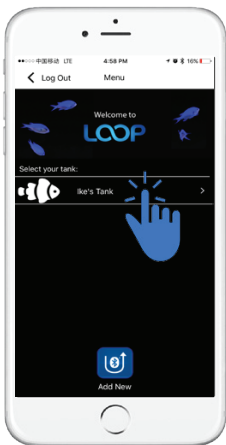
3. Open the LOOP App.



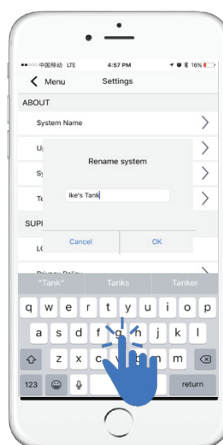
4. Press Add Device.



5. Select LOOP



6. Select LOOP



7. Rename system



8. Back to HOME

The *LOOP app does NOT require a PIN code or use the built-in Bluetooth pairing in your mobile device - the app itself will connect with your device using its own software.

For connection tips and troubleshooting, go to
www.current-usa.com/app

Programming LED Lights

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.

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

Displays current Weather Forecast

Sunrise ON Time
Sunrise 07:00 am

Temperature
Green - within range
Red - outside range
62.6°F

Moonlight Duration
2 hrs

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

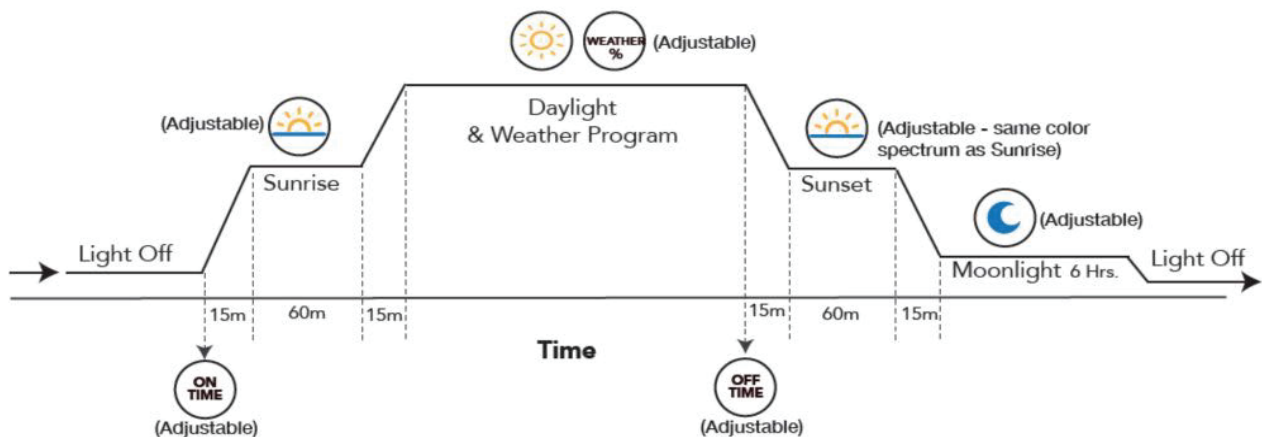
Tap to enter System Settings

Sunset (Begin OFF) Time
Sunset 05:00 pm

Key	On-Demand Mode	Duration**
M	Custom Color	24/7
[Icon]	Feed Mode	10 min.
[Icon]	Clean Mode	10 min.
[Icon]	Fading Moonlight	30 min.
[Icon]	Moonlight	30 min.
[Icon]	Rolling Clouds	30 min.
[Icon]	Random Clouds	30 min.
[Icon]	Lightning Storm	30 min.
[Icon]	Full Storm	30 min.
[Icon]	Approaching Storm	30 min.
[Icon]	Moon Rays	30 min.
[Icon]	Sun Rays	30 min.
[Icon]	Partly Cloudy	30 min.

**** Tap [Resume Icon] Resume to exit any mode and return system to 24hr. Timer Mode**

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



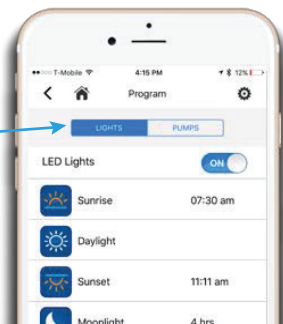
Programming LED Lights

To access lighting and pump programming, tap **PROGRAM**

PROGRAM

To program LED lights, tap

LIGHTS



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%

To program Sunrise:

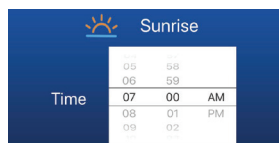
- 1 Use toggle to manually turn lights On / Off.



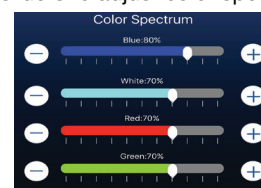
- 2 Tap **Sunrise**.



- 3 Use scroll to select Sunrise ON time.



- 4 Use sliders to adjust color spectrum.

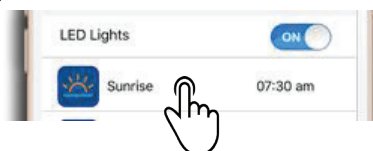


- 5 Tap < to go back, or select another program at bottom.



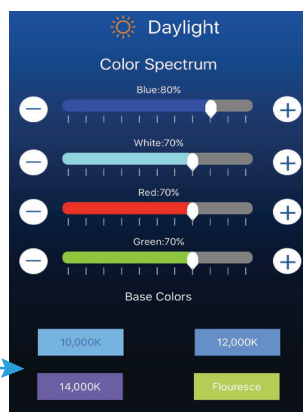
To program Daylight:

- 6 Tap **Daylight**.



Base colors automatically adjust each color level to match spectrum, allowing you to "fine tune" the color using sliders

- 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%+)

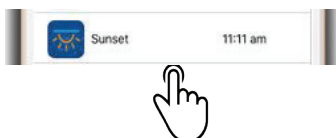
Moonlight

Turn White, Red, Green off (0%) and keep Blue low (10%).

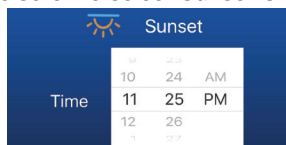


To program Sunset:

- 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.



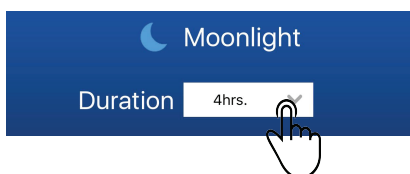
Programming LED Lights

To program Moonlight:

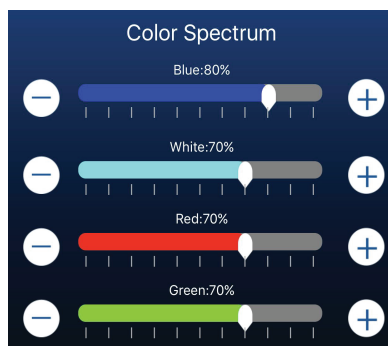
13 Tap **Moonlight**



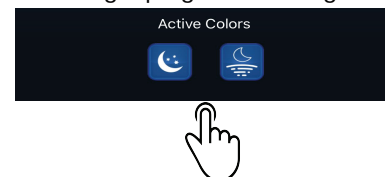
14 Use scroll to select Moonlight duration.



15 Use sliders to adjust color spectrum.



16 You can also choose an active moonlight program featuring audio.



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

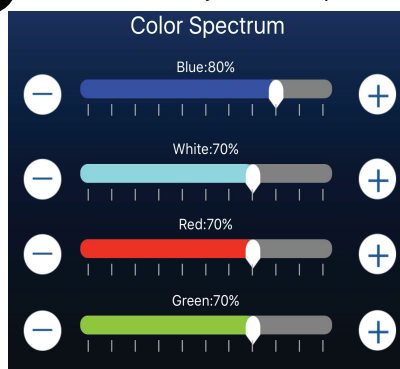


To program Custom Color:

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.

To program Weather:

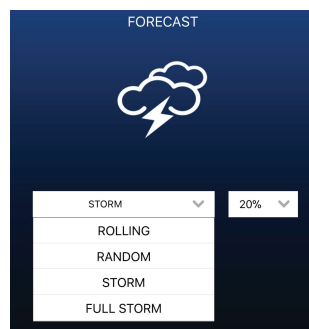
1 Tap **Weather Forecast**.



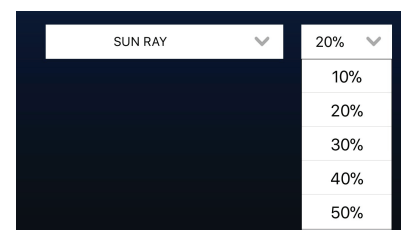
2 Use toggle to manually turn weather On / Off.



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.



Once programming is complete, be sure to return to the Home screen and press the **RESUME TIMER** to begin running your lighting program.

Programming Wave Pumps

To program Wave 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**.



Wave Pump 1



MODE:Wave
FLOW:80%
FREQ:3S

- 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**.



Wave Pump 2
Primary



MODE:Wave
FLOW:80%
FREQ:3S

- 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.

To program Wave Pump 3:

- 1 Tap **Wave Pump 3**.



Wave Pump 3




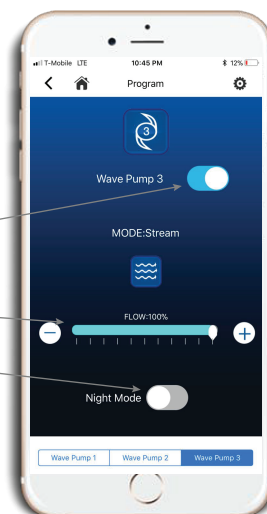
MODE:Stream
FLOW:80%

- 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%).

Feed Mode

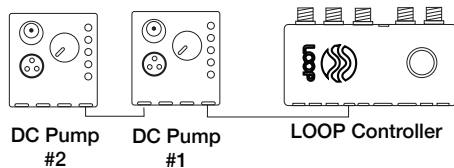
Temporarily shuts wave pumps off and reduces flow pump flow for 10 minutes, allowing fish and corals to feed. Pumps ramp then ramp up to normal speed.

(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.)



Programming Flow Pumps

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



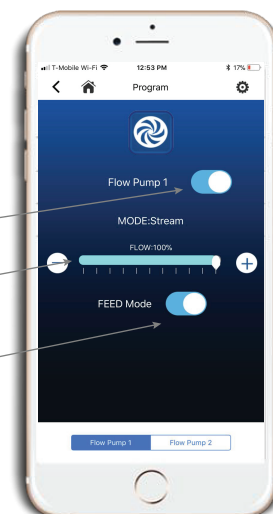
Use toggle to turn all flow pumps On / Off.

DC Flow Pumps



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.

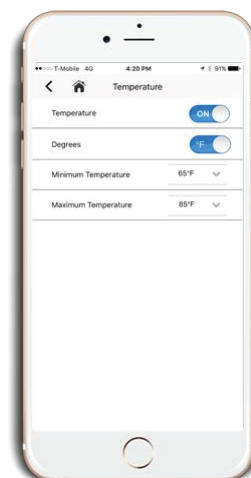


Temperature & Settings Reset

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**.

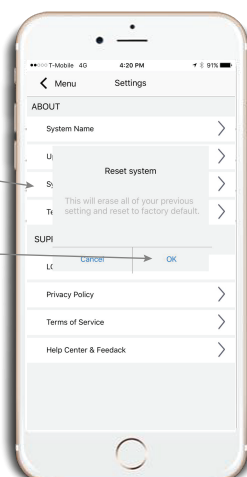
To setup Temperature:

- 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

