Quick Start Guide

Model #1690
Wireless Controller & Entertainment Hub

This guide provides easy, step-by-step instructions on setting up your new hardware and experiencing your aquarium like never before!

Need a full User Manual?
Once you’re connected with the instructions from this guide, you can download the full User Manual from: current-usa.com/bluetooth/support
Each LOOP Controller System includes:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>LOOP Controller w/Bluetooth</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>Clear Protective Cover</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>Temperature Sensor</td>
<td>1</td>
</tr>
<tr>
<td>D</td>
<td>Velcro Mounting Tape</td>
<td>2</td>
</tr>
</tbody>
</table>

What’s Included

Physical Setup

Control Key Ring

12V DC
Light 1

12V DC
Light 2

Temperature Sensor

DC Flow Pump 1

DC Flow Pump 2

DC Flow Pump 3

24V DC
Wave Pump 1

24V DC
Wave Pump 2

24V DC
Wave Pump 3
**Installation**

**IMPORTANT** Before Installation:

Unplug all power to your existing LOOP products. Disconnect any LOOP products from existing Manifold Hubs (including any Orbit LED lights, eFlux Wave Pumps and eFlux DC Flow pumps.)

**Note:** Connection ports are labeled on back of the controller for reference.

When connecting LOOP products to controller, gently slide connector in and tighten. Do not twist or rotate. Excessive force can damage pin connections.

1. Remove controller and all components from box packaging.

2. Ensure all components are disconnected from your existing LOOP system.

3. Connect Orbit LED lights to LED Light #1(& LED Light #2) connectors.

4. If connecting audio USB speakers, insert speaker plug into audio jack.

5. Connect eFlux Wave Pumps to Wave Pump #1, (Wave Pump #2 & #3) connectors.
Cable Connections

6. Place temperature sensor into aquarium or filter sump and attach using suction cup.

7. Connect temperature sensor to Temperature USB port on controller.

8. Connect LED lighting 12V DC power supplies into LED Light #1 and #2 power ports.

9. Connect Wave Pump 24V DC power supplies into Wave Pump #1, #2 and/or #3 power ports.

10. Plug all power supplies into a GFCI outlet and ensure a drip loop is in place.

Controller Key Ring will illuminate Blue, indicating power is now ON.

Connecting DC Flow Pumps

NOTE: Ensure your DC Pump HUB is Bluetooth compatible. The HUB label will have a Bluetooth® icon as shown here:

If your HUB does not have this icon, please contact us for a compatible HUB by completing a warranty support form at:
http://current-usa.com/support/warranty-support/consumer-warranty/

For detailed instructions, visit current-usa.com
Installing Controller

1. Find a mounting location for the controller, ensuring it is in a dry place away from splashing or dripping water.
2. Clean mounting location of any dirt or debris using a wet rag.
3. Place controller into clear cover and snap cover closed. Attach controller to stand using the velcro strips (included).

**WARNING** - DO NOT expose controller to moisture, water or salt creep.

**DO NOT USE WITH LOOP IR CONTROLLER OR REMOTE.**

Controller Operation & Lock Feature

The controller Key Ring displays the status of your controller. There are currently four indicators/features using the Key Ring:

- **BLUE** - Indicates normal operation. Press once to reset Bluetooth.
- **RED** - Voltage issue. Ensure 12 & 24V DC power is connected correctly.
- **GREEN** - LOCK feature, locks the controller settings and prevents other mobile devices from connecting to controller. Press and hold key for 5 seconds to lock settings, press and hold for 5 seconds to unlock.
- **PURPLE Blinking** - Manual Mode/Reset. Press for and hold for 10 seconds to put controller into manual ON mode (lights & pumps will go into default mode). Connect to mobile device to exit Manual Mode.
Mobile Device Connection

1. Download the latest version of the LOOP app.

2. Ensure your mobile device Bluetooth is turned ON.

3. Open the LOOP App.

4. Press Add Device.

5. Select LOOP

6. Select LOOP

7. Rename system

8. Back to HOME
Set up is complete, you’re ready to experience LOOP!
For additional detailed instructions for setting up your LOOP system using the LOOP APP, please visit our website support page at: www.current-usa.com/LOOP

Product Specifications

<table>
<thead>
<tr>
<th>Model: 1690</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Light Input(s):</td>
<td>2 12VDC, 60w max per channel</td>
</tr>
<tr>
<td>Wave Pump Input(s):</td>
<td>3 24VDC, 100w max per channel</td>
</tr>
<tr>
<td>Audio:</td>
<td>1 3.5mm Audio Out Port</td>
</tr>
<tr>
<td>Temperature Port:</td>
<td>1 USB, (+/- 1˚C)</td>
</tr>
<tr>
<td>Expansion Port:</td>
<td>1 USB (for additional controller/accessories)</td>
</tr>
<tr>
<td>MicroUSB Port(s):</td>
<td>2</td>
</tr>
<tr>
<td>Communication:</td>
<td>Bluetooth 4.0</td>
</tr>
<tr>
<td>Memory:</td>
<td>Flash</td>
</tr>
<tr>
<td>Operating Temp:</td>
<td>(0˚ - 45˚C)</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>6 in. x 3 in. x 1 in.</td>
</tr>
<tr>
<td>Weight:</td>
<td>4 oz.</td>
</tr>
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Product Compatibility:
LED Lights: Orbit Marine 2.0, Orbit Marine IC, Orbit Marine IC PRO
Wave Pumps: eFlux 660gph, 1050gph, 2100gph
DC Flow Pumps: eFlux DC Nano, eFlux DC 1050gph, 1900gph, 3170gph
*For updated compatibility, please visit www.current-usa.com/LOOP

Mobile Device/App Requirements:
Bluetooth 4.0 Compatible
iPhone 4S or above running iOS 9 or above.
Android OS 4.0.3 or above

Contains transmitter module
FCC ID: 2ABN2-RFBMS01
**IMPORTANT**
Follow all safety instructions and warnings included with this product.

**Limited Warranty**

This product MUST be purchased from an authorized Current-USA reseller. Visit our website for a list of unauthorized resellers.

Current USA, Inc. warrants this product against defects in materials and workmanship for ONE (1) YEAR from the date of original retail purchase and is none transferable.

Warranty on all Products, including Aquariums, is limited to replacement of the product and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage arising from the use of this product.

Note: Current-USA, Inc. One-Year Limited Warranty does not cover damage caused by the following: improper installation, saltwater corrosion, electrical surges, or modifications.

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