SOLO Desktop Aquarium

Note: Before installation and filling your aquarium with water, read all safety instructions.

What's Included:
1 - Beveled glass aquarium
1 - Molded top with frosted insert
1 - RGBW LED lighting system
1 - Wireless IR RGBW remote controller
1 - Submersible aquarium filter with pump
1 - 120VAC to 12VDC power supply, UL approved
1 - 2-way splitter
1 - Aquascaping kit (includes 5 lbs. of gravel, decorative stones and plants)

Connection Diagram:

Assembly Instructions:

1. Carefully remove all components from packaging and ensure nothing is damaged or missing (refer to “What's Included” listed above.)

2. Clean aquarium, inside and out with a damp cloth and freshwater. Rinse gravel, rocks and plants with fresh water. NEVER use SOAP or detergents of any kind on your aquarium components!

3. Place aquarium on a completely flat surface which is rated for supporting a minimum of 50 lbs. of weight. Clean surface and set aquarium in place.

4. Ensure aquarium gravel is rinsed well. Cover the bottom of the aquarium floor with included aquarium gravel.

5. Carefully fill your aquarium 1/2 way with distilled/spring water or dechlorinated water. DO NOT USE CHLORINATED WATER without dechlorinating it.
6. Submerge large rock under water with fill hole pointing up, allowing air bubbles to escape and the rock to fill with water. Place rock in desired location or in the center of the tank. See above Aquascaping Guide for reference.

7. Follow Aquascaping Guide above and set larger plants in place, followed by smaller rocks and foreground plants. The plants have a self weighted base which can be slightly buried in the gravel substrate.

8. Carefully fill the remainder of the aquarium with distilled/spring water or dechlorinated water till a 1/2” gap remains at the top of the aquarium.

9. Run power cord from the pump over the back right hand corner of the tank. Position the lid onto the tank so the notch is located at the back right corner. Ensure light power cord, pump power cord and light IR sensor all fit into lid notch in back right hand corner outside of the aquarium.

10. Insert frosted insert into center of molded top.

11. Plug the DC male plugs of the 2-way splitter into each of the female DC plugs of the light and pump. Use FIGURE 1 on page 1 as a reference.
Assembly Instructions Cont’d:

12. Plug the female DC plug of the 2-way splitter into the DC male plug of the 12VDC power supply. Plug 12VDC power supply into a GFCI approved outlet. Ensure drip loop is in place (see page 1).

13. Ensure pump is running. Water should now be flowing inside your aquarium.

Lighting Instructions:

1. Pull plastic tab from bottom of IR remote controller.

2. Press the RED top right button to turn lighting system on.

3. Use the diagram below to change colors and brightness of the LED lighting system.

4. There are four memory locations to save your favorite colors. To save a color, simply press either M1, M2, M3 or M4 for 10 seconds and lights will blink. Choose your favorite color spectrum and intensity, then press the same memory button for 10 seconds. Lights will blink again and your chosen color spectrum are now saved in their corresponding memory location.

5. Press any of the exciting dynamic lighting effects to simulate cloud cover, storm with lightning or moonlighting. To go back to your saved color, simply press the RESUME button.

Maintenance:

- We recommend cleaning the inside lighting system once per week by simply taking a soft, damp cloth and gently cleaning any algae or detritus from the molded cover and LED lights.
- Once per month, we recommend removing 20% of the water and replacing it with clean, dechlorinated water.
- Remove the filter cartridge from the pump/filter once per month and clean with fresh water. We recommend replacing the filter cartridge once every six months.
- Clean any algae from glass walls and decor using a soft algae cleaning pad. DO NOT USE METAL ALGAE SCRAPERS. Doing so will void the warranty.
- Maintain water level to a minimum of 1/2” above the top of the pump. NEVER let pump run dry.

For more information and to register your product visit www.current-usa.com
FAQ's:

What type and how many fish are recommended for the SOLO aquarium? We highly recommend peaceful community fish such as neon tetras, rasbora, serpae tetras, zebrafish. Live bearers such as guppies, swordtails, and platies also do well. We also recommend one small cleaning fish such as a small corydora or pleco to help keep your tank clean.

Can I keep a Betta fish? The filter in the SOLO aquarium is quite powerful and we do not recommend Betta fish for this tank. Betta fish usually prefer slow moving water such as a bowl.

How easy are goldfish to keep in the SOLO aquarium? Most goldfish are cold water fish and we do not recommend them in the SOLO aquarium.

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What light color is best for my fish? If your fish are gold, red or yellow, we recommend the orange, white or yellow setting. If your fish are silver, red or blue, any of the blue or purple settings will look great.

Can I put my lighting system on an automatic timer? Yes, any type of 24 hr wall plug in timer works well.

Do I need a heater for my aquarium? We recommend using a UL listed 10 watt heater for the SOLO.

IMPORTANT WARNINGS | SAVE THESE INSTRUCTIONS

This is NOT a page of legalese. It contains important safety information that you should read and save for future reference. Remember you can always quickly reference instructions for all our products at www.current-usa.com.

• Never attempt repairs yourself; return the appliance to an authorized service facility for service or discard the appliance.
• Carefully examine the fixture after installation and BEFORE you plug it into the GFCI wall outlet. Be sure there is no water on any part of the fixture.
• Never plug in a wet cord. If a plugged in unit or socket does get wet, DON'T touch it. Instead, promptly disconnect the fuse or circuit breaker that supplies power to the fixture. Then, you may unplug the fixture and examine for the presence of water.
• Never operate a fixture that is damaged or malfunctioning, discontinue use immediately and return the appliance to an authorized service facility.
• Close supervision is necessary when any appliance is used by or near children.
• Always unplug the fixture when not in use, before putting on or taking off parts, and before cleaning. Never pull the cord to unplug from the GFCI.
• Do not use the fixture for anything other than intended use. The use of attachments not recommended or sold by the fixture manufacturer may cause an unsafe condition and will void your warranty.
• Do not install or store the fixture where it will be exposed to the weather or to temperatures below 0°C Celsius or 32°F Fahrenheit.
• Do not operate at temperatures above 50°C Celsius or 122°F Fahrenheit.
• Ensure the fixture is securely installed before supplying power to the unit.
• Read and observe all the important notices and warnings on the fixture and power cord. DO NOT REMOVE THE WARNING LABEL
• If an extension cord is necessary, a cord with a rating at least 15 amperes should be used. A cord rated for less amperes or watts than the fixture rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
• Do not look directly into the LEDs.

Grounding Instructions

This LED system must be powered with the supplied UL Listed Transformer. To avoid possible electric shock, this transformer must be plugged into a GFCI wall outlet that is installed and grounded in accordance with all appropriate codes and ordinances.

Current USA, Inc. one-year limited warranty

Current USA, Inc. warrants this product against defects in materials and workmanship of a period of ONE (1) YEAR from the date of original retail purchase and is not 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 to 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.

If you discover a defect, please see your retail store or point of purchase. Current USA, Inc. will, at it’s option, repair or replace the product at no charge to you, provided you return it during the warranty period. A copy of the bill of sale is required as proof of original purchase date, in the event the product needs repairs, within the warranty period. Please see your dealer for return options and warranty replacement parts. This warranty applies only to products by or for Current USA, Inc. that can be identified by trade name, or logo affixed to them. Current-USA, Inc. does not warrant any products that are not Current-USA, Inc. products.

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication or if the product has been modified without the written permission of Current-USA, Inc.; or if any Current-USA, Inc. logos have been removed or defaced.

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Filter and Pump Assembly

The SOLO aquarium includes a submersible low voltage pump filter with accessories. Please unpack the accessories and identify the following components:

1. Submersible pump/filter
2. 90 degree elbow
3. Insert fitting
4. Extension pipe
5. Spray bar
6. Air venturi
7. Air hose

Filter Configurations

1. Simple Spray Bar

The pump/filter can be installed in multiple ways, however to maximize the shimmer effect we highly recommend using the spray bar configuration. (Simply slide #5 Spray bar to the #1 Pump outlet). When installing into the aquarium, direct the outlet nozzle holes slightly to the waters surface and towards the front of the tank. This will maximize circulation and the shimmer effect.

2. Air Injection

This method allows air bubbles to be injected into the aquarium, creating higher oxygen levels and cool visual effects. To assemble, attach #3 Insert fitting into #1 Pump outlet, then attach #6 Air venturi to the insert fitting. Finally, attach #7 Air hose to the top fitting on the air venturi.

Leave top of air hose out of the water and air will be suctioned into the pump and throughout the aquarium.

3. Side Spray Bar

This configuration is similar to the Simple Spray Bar and will flow water sideways into the aquarium, versus front to back. To assemble, simply attach #2 Elbow fitting to #1 Pump outlet, then attach #5 Spray bar to the elbow fitting. The #4 Extension fitting can also be used to lengthen the spray bar.
IR Sensor Location

Important:
In order for the remote control to communicate with the SOLO LED lighting system, the IR sensor must be located in a location to receive the IR signals. The IR sensor should be located outside the tank, at the back corner of the aquarium (see photo below.) Do not locate the sensor under the lid as it will not receive the signals correctly.

Timer Installation:
To put your LED lighting system on an automated 24-hour timing schedule, it is important to ONLY use our Single Ramp Timer #1673 (sold separately). A wall plug-in type timer will NOT work, as the water pump & filter are connected to the same power supply as the lighting system (see diagram below).

We highly recommend using the timer in Mode 2 (on/off mode only), please follow the programming instructions included with the timer.

NOTE: #1673 Single Ramp Timer sold separately

Filter Cleaning and Maintenance:
Please review the filter components:
1. Pump
2. Filter
3. Bottom panel
4. Filter pad
5. Carbon filter
6. Top carbon cover

We recommend cleaning the #4 Filter pad once per week by rinsing under fresh water. To remove filter for cleaning, simply remove the #3 Bottom panel and slide pad out.

The filter pad and carbon kit should be replaced once every 60 days. Please use Item#9018 for replacement.