

6' & 8' Bubble Panel Installation Manual



IMPORTANT – RETAIN FOR FUTURE REFERENCE – READ CAREFULLY

- You must use Distilled Water only. Use of any water other than distilled voids the warranty.
- Please check the contents of the boxes before attempting to assemble this product. A full checklist of parts is in this instruction booklet. In the unlikely event that any components are damaged or missing, please contact our customer service hotline at 407-426-7674 or Toll Free: 888-499-5433.
- Assemble as near as possible to the point of installation. Take extreme care when lifting to avoid personal injury or damage to the product.
- This product contains small items and plastic bags. Please be aware of the danger to young children.

NOTES ON POSITIONING YOUR BUBBLE PANEL

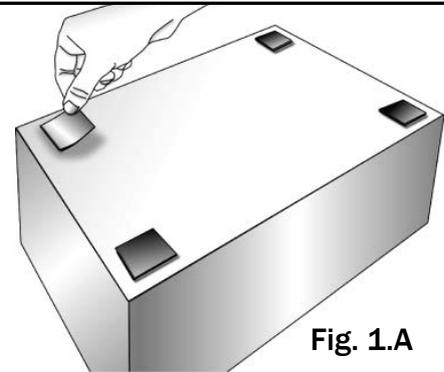
- Your Bluworld Bubble panel may only be used indoors. DO NOT PLACE OUTDOORS. Try to position your Bubble Panel near an electrical outlet.
- When considering the location of your bubble panel please allow for the need of accessibility for ease of maintenance (e.g. adding water, performing regular maintenance, etc.).
- Consider the surface on which your bubble panel will be placed. We have included rubber feet to protect surfaces and prevent vibration.

Parts List (Panel with Side-rails and Lighting Not Shown)



Section 1 - Initial Prepping

1. Remove Bubble Panel from its shipping carton. Carefully lean the panel against a wall or place level on the floor where it will not be damaged while assembling.
2. Remove the base from its shipping carton and unpack the contents.
3. Adhere Rubber Feet (A) to the bottom 4 corners of the base by peeling and sticking as shown in Fig. 1.A.



Section 2 – Assembly

1. Place the base where you wish the Bubble Panel to be displayed. The electrical outlet hole in the base should be towards the "back". With 2 people carefully lift and slide the bubble panel into the base as shown in Fig. 2.A. Make certain the panel is well seated with both sides touching the bottom of the base floor. The airline tubing should be opposite the electric outlet hole in the base. Make certain the panel is not resting on the light cords or air-line tubing.
2. Once the panel is placed inside the base tighten the wing nut screws to secure the Panel Fig. 2.B.
NOTE: DO NOT over tighten.
3. Place the Transformer (E) inside the Base. Connect the Receiver (C) to the Transformer. Connect the Receiver to the "Y" Shape LED Light Connector (D) as shown in Fig. 2.C and 2.D.

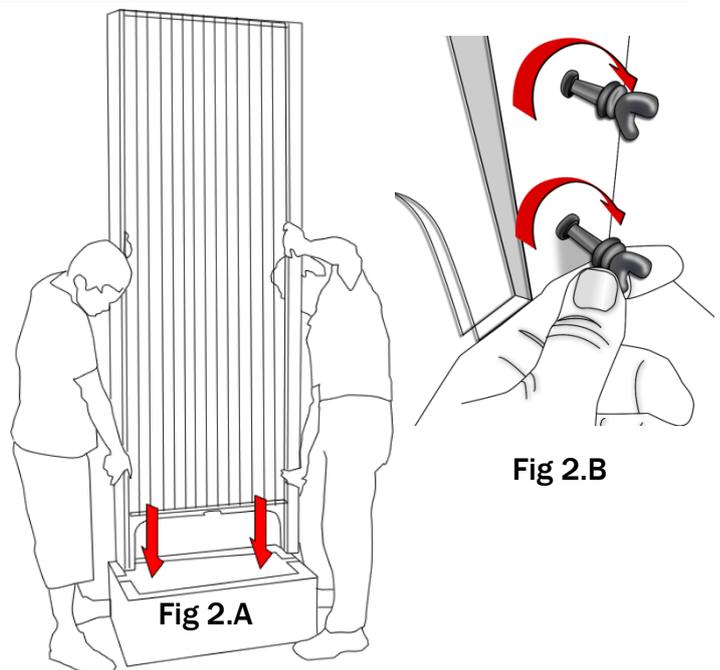




Fig. 2.C

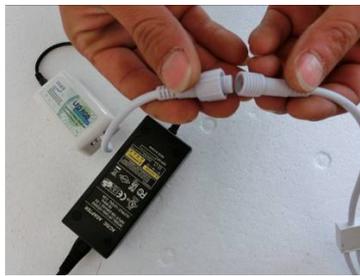


Fig. 2.D

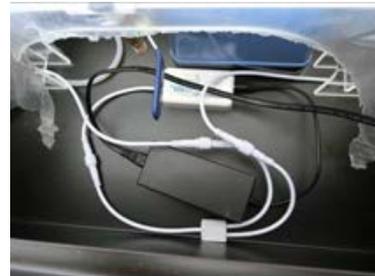


Fig. 2.E

4. Connect the light assembly (Transformer, Receiver and "Y" Connector) to the two LED Light connectors from each side of the panel. NOTE: The LED light strips are affixed to the inside of the side-rails.
5. Unwind the Transformer power cord. Feed the female end of the transformer cord into the base through the electrical outlet hole and plug it into the Transformer (Fig. 2.E).



Fig 2.F

6. Place the Air Pump (B) inside the base. The pump air outlet hole should be facing towards the direction of the metal air-line tubing elbow. Connect the small vinyl tubing (A) to the check valve already which is already connected to the airline tubing from the panel. NOTE: The Check Valve is a one-way valve that allows air or water to only flow in one direction (Fig. G). It stops water from flowing directly into the air pump. Never attach the airline tubing directly to a pump without using a check valve between the two. Check valves have a "flow" direction. To insure your check valve is in the correct position remove it from the panel airline tubing and blow into one end. (NEVER REMOVE THE CHECK VALVE WHEN THERE IS WATER IN THE BUBBLE PANEL) If you can blow into it and air comes out the other end then that is the "flow" direction. Make certain when you replace the check valve the air flow is moving towards the panel away from the pump. Make certain the connection is very tight. Push the other end of the small vinyl tubing inside the reinforced tubing that came with the air pump. Make certain it is pushed in as much as possible at least 1/2" inside. Attach the reinforced hose to the outlet on the air pump. Make sure the connection is tight. Pull the pump cord out the electrical outlet hole on the side of the base (Fig. 2.F).



Fig 2.G

Section 3 – Operating Your Bubble Panel

1. Close the drain valve as shown in Fig 3.A. Note: The drain valve on the fountain may be in the open position (Fig 3.A), make sure it is in closed position before you begin to fill the bubble panel with water. When the handle of the valve is up or perpendicular it is in the closed position.
2. Fill the panel with distilled water only. Fill only to the fill line marked on the top of the panel. NOTE: The use of any other water other than distilled will void the warranty. Place the Panel Cap (F) on top of the clear acrylic panel. Place the Header (F) over the panel cap and Bubble Panel.
3. Place Base Covers (E) on the base. You can use the Base Covers flush as seen in Fig. 3.C with the base or flip upside down Fig 3.D as trays for rocks or other decorative media not included.

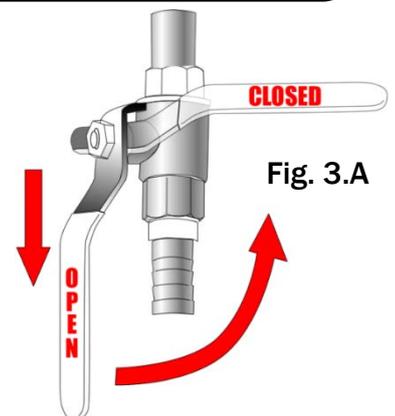


Fig. 3.A



Fig. 3.C



Fig. 3.D

4. You can now plug the Air Pump (B) and LED Light plug into your designated electrical outlet.

Section 4 – Maintenance

Do not attempt to move the panel once it is filled with water. Maintain the water fill line. The use of distilled water is mandatory and will guarantee the best results making your bubble panel easier to maintain and clean. It is recommended to drain the panel once every three months and refill with clean distilled water. It may be necessary to rinse and clean the inside of the panel to remove any buildup. Never wipe or attempt to clean the panel with a dry cloth or dry paper towel as they may scratch the surface. Always use a cleaner to dampen the acrylic surface before cleaning and wiping dry.

Occasionally you may experience a clogged hole in the bubble wand of a chamber or chambers becoming clogged. In this case we suggest using canned air, the same as used when cleaning electronics. Disconnect the air-line tubing only from the air pump. **NOTE: DO NOT** remove the check valve which allows the water to only flow in only one direction Place the straw from the canned air inside the airline tubing and squeeze the tubing tightly around the straw. A couple quick, short bursts should be enough to dislodge any dirt from the micro holes inside the bubble wand. Reconnect the airline tubing to the pump.

You may clean the acrylic panel exterior with a standard glass cleaner however we recommend using “Brilliance One Step Plastic Cleaner and Polisher” available through the Bluworld Website or by calling Bluworld Customer Service at 1-888-499-5433. Never wipe or attempt to clean the panel with a dry cloth or dry paper towel as they may scratch the surface. Always use a cleaner to dampen the acrylic surface before cleaning and wiping dry. Do not use alcohol to clean the acrylic panel as this will mar the surface and void your warranty.



LED Lighting & Remote

1. Remote Control Technical Information

Power Supply: AAA battery 3 pcs. (not included)

Working Voltage: DC 12V/24V

Receiver Range: Up to 60 ft. or 20 meter

2. Button Functions

Key 1: On/Off

Key 2: Change Color Mode (15 different functions)

Key 3: Change from White to Color Lighting

Key 4: Increase Brightness/Speed

Key 5: Decrease Brightness/Speed

3. How to Use Your Gardenfall Remote Control

Press **Key 1/Red Button** to turn lighting On/Off in any state.

Press **Key 2** to activate the color change mode. Keep pressing to view different options. Select from 15 different functions.

Press **Key 3** once to activate the white light mode. You can increase or dim the lighting by using **Key 4** or **Key 5**.

Press **Key 3** twice to activate the color ring, change brightness by using **Key 4** or **Key 5**.

Change the color of the light by selecting any color on the Color Ring. Slide your finger around the Color Ring to make your selection.

To sync the remote to the light (Note: You will not need to do this when first out of the box). Press **Key 4** once when first turned on within 3 seconds. The light will blink 3 times to indicate the remote is synced.

Caution: Do not touch the Color Ring while loading batteries to protect the sensitivity. Turn the LED lights on immediately after the batteries are loaded for the first time. Replace the batteries when you find the remote is no longer responsive.

Select From 15 Different Light Show Displays Below

1	All Colors Fade	8 Brightness/Speed settings press Key 4 or Key 5 to adjust		
2	3 Colors blink and change	8 Brightness & Speed settings press Key 4 or Key 5 to adjust	9	Green blinks
3	7 Colors blink and change		10	Yellow blinks
4	3 Colors fade gradually		11	Cyan blinks
5	7 Colors fade gradually		12	White blinks
6	Red blinks		13	Red and Blue Flash
7	Blue blinks	14	Green and Blue Flash	
8	Purple blinks	15	Red and Green Flash	



Warranty

Bluworld's Warranty has changed as of August 1, 2008 and supersedes all previous warranties for product purchased after August 1, 2008. If there is printed material within this shipment it is considered void and the Warranty as stated below is policy.

Bluworld products are warranted against defects that render it unfit for its reasonably intended use. This Warranty is not extended to cover use of the product for a purpose other than as intended, and if the product is used unreasonably, or for purposes other than as intended, or if it is altered, modified or repaired by a party other than Bluworld, then the Warranty shall be null and void. The Warranty is in effect for a period of six months beginning from the date of sale to the original retail purchaser and the rights under this Warranty are limited to the original retail purchaser. Bluworld will, upon written notification thereof, take commercially reasonable steps to correct such defects (see "manufacturers defects below"), at Bluworld's sole option, by suitable repair, replacement, or refund. Bluworld will not be responsible for the installation, labor or any other costs or expenses related to the re-installation of a warranted part, and such expenses are not covered by this warranty. **THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESS OR IMPLIED, EXCEPT FOR THE WARRANTY OF TITLE AGAINST PATENT INFRINGEMENT.** Corrections of nonconformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of Bluworld to any Dealer with respect to the goods, whether based on contract, negligence, and strict tort or otherwise. Bluworld contract sales personnel, including but not limited to authorized Dealers and Resellers (collectively, "Sales Personnel"), are not authorized to make warranties about Bluworld merchandise.

ORAL STATEMENTS DO NOT CONSTITUTE WARRANTIES. Oral statements made by Bluworld employees or other Sales Personnel shall not be relied upon by a Dealer and shall not become part of any contract for sale. The entire sales contract between a Dealer and Bluworld will be set forth in the invoice and/or accompanying or reference documents provided by Bluworld to the Dealer or Sales Personnel. No other warranties are given beyond those set forth in those documents. Please be aware that you may have valuable rights under the state law in which you reside. Some of the provisions of this Warranty may be prohibited by your state law in which case your state law will govern and control. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Our products are warranted for a period of six months against defects in finish, pumps and other product performance issues. Light bulbs are not warranted. Our experience has shown that in practically 100% of incidents that any defect is apparent within a week of installation and use. Appearance defects should be noticed upon unpacking the fountain. We have found that finishes have 'failed' due to poor maintenance, local water conditions with minerals affecting the finish, attempts to clean with harsh chemicals or abrasive pads being used. Performance of water flow, spitting, and other 'leaks' are usually caused by debris getting into the fountain, buildup of minerals, algae from poor water or lack of maintenance. Pumps can also fail due to water levels not being maintained in the reservoir and this is not covered by the warranty.

Manufacturers Defect defined - A distinct and obvious flaw in the manufacturing of the product that inhibits the product's ability to function properly or a distinct and obvious flaw in the workmanship of the product that affects its physical appearance. Bluworld water features are manufactured under generally accepted manufacturing techniques as recognized by the International Organization of Standardization. Our products are handmade and hand finished thus minor scratches in materials within accepted ranges are not considered defects.

Slate- Many of our products contain natural slate. Slate can vary to a large degree and that individuality is what is considered to be unique and inherent to the beauty of the natural product as no two are exactly alike. Photos in our marketing materials are representative of our slate products but should not be relied on to duplicate the photo. We use natural mined slate in our products. Personal taste in the appearance of slate is not considered a reason for a return.