

GETTING TO KNOW YOUR NEW

*Gio - Bella*



**POINT OF USE RESIDENTIAL WATER ALKALIZER  
FOR DRINKING AND COOKING**

**HTH MODEL 888**

Congratulations on an inspired purchase. You have acquired the best value on an essential facet of your personal care; the water you drink. Your Gio-Bella water alkalizer represents the very latest that High Tech Holdings has to offer. Remember, High Tech Holdings is an ISO9001/9002 company, which means they have achieved exemplary quality control methods in the design and execution of the Gio-Bella. What else does High Tech Holdings manufacturer besides water alkalizers?? The answer is control circuitry for power generation plants, where quality is a must. This quality is readily apparent in fit and finish, and in the electrical components protected in plastic blocks, the stainless steel fasteners that are used throughout and in the local support that you will receive right here when you need it.

This manual will show you how to install, operate, and maintain your new Gio-Bella to help insure that you will get many years of useful benefit from it.

### **WARNINGS**

- Read manual prior to installation and operation.
- Verify with your health practitioner that prescribed medications or existing conditions will not be affected by alkalinity.
- Your new Gio-Bella is intended as a point-of-use appliance only. Serious damage may result from misuse of your Gio-Bella. Never attach any plumbing or tubing to the flexible dispensing hose.
- Your Gio-Bella will only operate on 110-120 VAC. Severe damage will occur if used on incorrect line voltage.
- Never drink the acidic water by-product from your Gio-Bella
- The Gio-Bella is NOT intended for use on microbiologically unsafe water.

- Follow manufacturer's suggested uses for pH levels. The consumption of water that is too alkaline may cause diarrhea or other symptoms.
- No medical claims have been made nor implied by the manufacturer. Always see your physician at the first sign of illness. Manufacturer is not responsible for adverse effects that may result the use, or misuse of ionized water.
- Never operate the Gio-Bella with hot water. Serious filter and water cell damage will result.
- Never open the case of your Gio-Bella. There are no user-serviceable components, aside from the filter and calcium cartridges, which are accessed by removable covers.
- Maintain a clean and dry area around your Gio-Bella. Never allow unit to sit in standing water.
- Notify your Gio-Bella dealer at the first sign of malfunction and discontinue use immediately.

## **INSTALLATION, OPERATION, AND MAINTENANCE**

1. Unpacking – Remove all contents from shipping box. Save shipping box and packing materials in the event your Gio-Bella would ever need reshipped. You should have the following items included with your Gio-Bella:

- Hose kit with clamps



- Gio-Bella base unit



- Metal flex hose

- Diverter valve with extra adapters.  
Appearance may vary with market.



- Hole template for wall mounting

- pH test kit



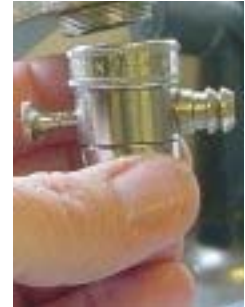
2. Installation – Our objective here is simply to attach the Gio-Bella to a water source. This is easily done with the diverter valve that is included. Once attached to a faucet, the diverter literally redirects the water from the faucet to the hose that is attached to the Gio-Bella. When not using the Gio-Bella, the faucet may be used without any inconvenience whatsoever.

Just follow these simple steps:

- Decide on an installation location. For most this will be next to the kitchen sink. The ultimate location should be

determined by convenience and easy access to both an electrical outlet and water.

- Remove original faucet aerator. This is usually done without tools by rotating counter-clockwise.
- Put the original aerator in a safe place and install the diverter valve assembly in its place. Note that if your faucet has threads on the inside, there are 2 adapters included that can be used. Position the diverter valve with the barbed fitting pointing towards the Gio-Bella



*Attaching  
diverter to  
faucet*

- Next, take the hose kit and roughly gauge sufficient length from the Gio-Bella water INPUT, to the barbed fitting on the diverter valve. Please allow for the lateral swing of the faucet. You should also compensate for any extra if you will be adding a Bluestone Group pre-filter.
- Once a sufficient length is determined, use a sharp pair of scissors and cut the hose straight across in a single cut.
- Using a dab of Vaseline, or soap, lubricate the end of the diverter valve barbed fitting. Select a clamp from the hose kit and place over the hose end. Next, firmly press the hose onto the barbed fitting until the entire fitting length is inside the hose.



*Attaching hose to  
diverter*

- Slide the screw clamp onto the end of the hose to the point where it is midway over where the barbed fitting has penetrated. Tighten the screw clamp firmly with a Phillips screwdriver. (Note, in some markets spring clamps may be supplied instead.)
- If installing any of Bluestone Group's prefilters:
  - Sediment

- Carbon Block
- Combo carbon and scale inhibitor
- Fluoride/arsenic

cut the hose at the location where the filter is to be placed and fasten hose from diverter onto to the filter end marked “in”, or “input from faucet.” Once again, secure hose with a clamp. With sharp scissors, cut



***Cutting hose to length at optional prefilter***

a 2<sup>nd</sup> piece of hose sufficient in length to reach from the “output” side of the prefilter, to the “water input” port under the Gio-Bella. Secure each of these connections with clamps.

- If not installing a Bluestone Group prefilter, hose length should reach from the diverter valve fitting to the input fitting located under the Gio-Bella. Secure this connection with a clamp.



- The last connection will be from the “ACID OUTPUT” port under the Gio-Bella. Simply cut a sufficient length of hose to reach from the Gio-Bella, back to the sink drain. Allow some extra length in the event acid water is to be collected for external or plant use. There is no need for a clamp at this location since it will not be pressurized.



***Acid output, bottom right***

- Finally, attach the flexible dispensing hose to the rotating plastic turret on top of the Gio-Bella. Rotate threaded end clockwise, until finger-tight.



***Installing Gio-Bella flexhose***

3. Before First Usage – There are a number of items to check prior to turning on the water:

- Plug power cord into a 3-pronged 110 VAC outlet. There will be a momentary illumination of all the user panel LED's.
- Open the filter door and verify that the filter has not been dislodged from its mounting point. A loose filter WILL leak. Rotate filter with your thumb. It should revolve evenly between its upper and lower connections.



*Verify that filter is secure*

4. First Usage - Here we will verify operation of the Gio-Bella.

- Locate rear panel rocker-switch for main power and press to the "ON" position.
- Turn on COLD water. **(Do not turn on hot water since warm or hot water will damage the built in filter.)**
- Pull out on the diverter valve button. This will divert the water from the faucet, through the hose that's attached to the Gio-Bella.
- As soon as the Gio-Bella's water pressure detector senses flow, the ionization chamber will turn on automatically. The user panel lights will illuminate, and the last selected alkalinity level LED will glow. Within several seconds, water will begin coming out of the metal dispensing (flex) hose on top of the Gio-Bella. Note that this dispensing hose may be swiveled nearly 360 degrees, and that it can also be bent to accommodate just about any container.



*Rear panel power switch "ON"*



*Pull diverter button to start Gio-Bella*

- Allow water to run for several minutes. You may notice that the water has a black tint, which is nothing more than carbon particles washing out of the filter. This will disappear after several seconds. After this initial system flush, the Gio-Bella will be able to produce drinking water instantly.
  - Push in diverter button so that water, once again, exits from the faucet, instead of the Gio-Bella. With the water flow stopped, the Gio-Bella will automatically turn off.
5. pH Level Selection – Included with your Gio-Bella is a liquid test kit for measuring pH. The importance of measuring the pH is so that you know which of the 4 pH selections is the best one for you and your family. Not every water source is going to yield the same pH for each setting. The reason for this is that the mineral content will vary from region to region, or even from one town to the next. This is why pH measurement is so important. You certainly would not want to consume water with a pH that was either too alkaline, or acidic. Ideally, you should use the selection that will give you between an 8 and 9 pH for drinking water. To measure the pH, obtain a clear test tube or juice glass and perform the following:

- With water running through the Gio-Bella, experiment with the “Alkaline” button. Note that each time it is depressed, the next higher alkaline level is reached, until the level #4, after which, the lowest, or weakest alkaline level is activated. Select the lowest pH setting. Wait a couple seconds, and then get a very small sample (1-2 ounces) in the test tube or glass.



*User Panel*

- Unscrew cap from small dropper bottle of test solution and carefully add just 2



drops to sample. **CAUTION – pH TEST SOLUTION IS TOXIC, DO NOT DRINK. KEEP TEST SOLUTION OUT OF CHILDRENS REACH**

- Gently mix sample until water turns a consistent color and compare resultant hue to the reference color chart. This should help you determine the pH closely enough to determine the best setting to use. Repeat on the higher settings to determine a pH value for each. You may also wish to test the acid discharge pH. **Follow the advise of your medical professional regarding the optimum pH to use.** Refer to chart below for typical pH usage:

PH VALUE	USAGE
7.0 – 8.0 Alkaline	Drinking water for new user and pets
8.0 – 9.0 Alkaline	Drinking water for acclimated user
9.1 – 9.5 Alkaline	Occasional drinking water for acclimated user after exertion
9.0 – 10.0 Alkaline	Cooking – boiling vegetables, rice, pasta, use in dough for bread and piecrusts. Great for coffee, tea, and reconstituting fruit juices
3.0 – 4.0 Acid	External use as antiseptic or for washing fresh produce.
4.0 – 7.0 Acid	Various uses, including plant fertilizer or for cut flower arrangements

6. Neutral Setting – This setting is to be used when no ionization is desired. The resulting dispensed water will be filtered, but not ionized. The pH will be about the same as tap water. There are not many situations when the “Neutral Setting” will be used, except for those that require a pH unchanged from tapwater, as might be required with certain medications.

7. Acid Setting – The acid setting allows the user to obtain acidic water from the dispensing flex-hose. While in the “acid-mode” the polarity of the Gio-Bella ionization chamber is reversed, resulting in the reversal of pH from alkaline to acid. This is the same thing that happens during the automatic cleaning cycle.



Acid water may also be obtained from the acid discharge hose while the Gio-Bella is producing alkaline water from the dispensing hose. The acidity of the discharge water will be determined by the alkaline setting in use.

8. **Cleaning Cycle** – The Gio-Bella has an automatic cleaning cycle. During a clean cycle, the polarity is reversed in the ionization chamber so that any minerals that are sticking to the electrodes are “repelled away” instead of being “attracted to” the electrode surfaces. The reason this is important is so that there is no mineral build-up to eventually clog the ionization chamber. Your Gio-Bella will clean automatically for 45 seconds, every 100 counts of the filter life indicator. For an average family of 4, this amounts to once every 1.5 days. Never attempt to defeat the clean cycle. As explained above, the water exiting the dispensing hose during the clean cycle will be acidic and should NOT be consumed. A tune will play during the clean cycle and the “power” and “acid” LED’s will flash. After 45 seconds, the Gio-Bella will resume normal operation.
9. **Filter Life Indication** – Your Gio-Bella has a filter life indicator that counts backwards from “9999” to “0000.” Once “0000” is reached, the “Replace-Filter” LED will light. The filter life meter is simply an approximate indication of when to replace the filter cartridge. Actual lifespan will vary depending on the water supply, and whether there are any prefilters in use. Should you notice an “off-taste” or a reduction in flow, you may need a new filter sooner than what is indicated. By the same token, if you have a prefilter and notice no flow reduction or “off-taste,” your filter may last well beyond the filter-change reminders.
10. **Filter Replacement Procedure** – As with all HTH water alkalizers, the Gio-Bella filter is extremely easy to replace. Just follow these steps:
  - Turn off water at faucet.
  - Open filter access door located on the left side, facing the back of the machine. Press in on the thumb detent, swing door open, and remove.

- Placing two fingers at the top of filter cartridge, press down until the filter top clears the nylon top fitting.
- Pull filter back and lift out of filter compartment.
- Note that there is a removable filter base that will be reused with the new filter. Gently remove this from the old filter cartridge and set aside. Discard old filter.



***Retain filter base***

- Unwrap new filter cartridge and locate filter base.
- Place a small film of Vaseline (optional to preserve o-rings) on the filter base o-rings and gently press on-to filter bottom.
- Place filter/base assembly, base-first into filter compartment. The filter base o-ring should fit into the spring loaded pedestal receptacle.
- Press down on the filter cartridge while guiding the filter top so that it clears filter compartment opening.
- Push filter back far enough to allow top-nylon fitting to seat into filter top hole.



***Insert new filter base first***

- Verify that new filter is fully seated by rotating horizontally  $\frac{1}{4}$  turn. Rotation should be centered without any wobble.
- Turn water on and with filter door still removed, verify that there are no leaks. With water running, press and HOLD filter-life indicator reset button, until indicator resets to "9999."

- Replace filter door. Reorder new filter cartridge so that you will have it when you need it.

11. Calcium Additive – Your Gio-Bella has a small percolator basket to which a slow dissolving calcium compound can be added. After tap water runs through the filter, it flows through this percolator basket, picking up



*Accessing calcium basket*

small amounts of calcium in doing so. This calcium will then be ionized and dispensed as a readily absorbable form of calcium in solution with the ionized water. Each “charge” of calcium will last about 6 months. Additional calcium may be purchased from your Gio-Bella dealer. The use of this supplemental calcium is optional and should not be used in place of any prescribed calcium supplements. Check with your health care provider for more information. **CAUTION – DO NOT PUT ANY OTHER COMPOUNDS OR MATERIALS IN THE CALCIUM BASKET. SERIOUS ILLNESS AND/OR DAMAGE TO THE GIO-BELLA MAY OCCUR. ONLY USE THE CALCIUM COMPOUND SUPPLIED BY YOUR GIO-BELLA DEALER.**

12. Special Gio-Bella Functions – Your Gio-Bella has some special functions that most users will not need to worry about and that are accessed while the water is turned off. These involve:

- Filter-life time adjustment – enables user to speed up or slow down the filter life indicator. In areas of high sedimentation, the user may want to speed-up the indicator; or if a prefilter is used, the user may want to slow down the filter life indicator. Gio-Bellas built for the North American market are already set for the maximum filter life selection.
- Acidic Button preset – enables user to determine strength of acid water coming from the dispensing hose when the “acid” button is pressed.

- Alkaline level #1 to #4 presets – enables user to change the pH value for each of the 4 alkaline settings by adjusting the power on the desired level.

To access these special functions, use the following buttons:

Neutral + Acidic = Access Special Programming

Neutral = to display current value and enter new value

Neutral + Alkaline = Enter new value

Alkaline = Index UP to desired value

Acidic = Index DOWN to desired value

a) Filter life indicator adjustment:

- [neutral] + [acidic] yields 0001 on filter life indicator. Press [neutral] to display current filter life value between 1 and 25. The higher the value, the slower the filter life indicator will move. Use the [alkaline] or [acidic] key to reach desired value, then press [neutral] + [alkaline] to enter selection. **CAUTION – DO NOT CHANGE FACTORY PRESET VALUE UNLESS YOU ADD A PREFILTER, OR YOUR WATER HAS A HIGH LEVEL OF SEDIMENT.**

b) Acid water setting preset:

- [neutral] + [acidic], press [alkaline] to index display to 0003 on filter life indicator.
- once 0003 is displayed, press [neutral] to display current value between 1 and 100, with 100 for the

strongest acid and 1 for the weakest. Using [alkaline] to increase and [acidic] to decrease, select the desired value and press [neutral] + [alkaline] to enter.

c) Alkaline level preset adjustments:

- i. [neutral] + [acidic], press [alkaline] or [acidic] to access level 1 (display 0005), level 2 (display 0006), level 3 (display 0007), and level 4 (display 0008).
- ii. once the desired preset level is displayed, press [neutral] to display current preset value of 1 to 100.
- iii. use [alkaline] or [acidic] to index to desired power and press [neutral] + [alkaline] to enter value.

**IMPORTANT – ALWAYS USE SUPPLIED TEST KIT TO MEASURE RESULTING pH AFTER ADJUSTING THE PRESETS.**

13. Trouble shooting – It is not likely that you will experience any problems with your new Gio-Bella, but in the event you do, refer to the chart below before calling your dealer:

SYMPTOM	POTENTIAL CAUSES	SOLUTION
Water is turned on but nothing happens.	<p>Diverter valve button not pulled out.</p> <p>Rear panel main power switch is OFF.</p> <p>Fuse has blown. Circuit breaker has tripped.</p> <p>Hose from diverter connected at acid discharge instead of water input.</p>	<p>Verify that water is on and that divert button is pulled.</p> <p>Verify that rear panel main power is ON.</p> <p>Verify that water hose is correctly connected to "Water Inlet" and secured with clamp.</p> <p>Check for power at outlet by plugging in something known to work.</p> <p>Remove fuse and verify OK condition. Replace fuse with 250 V @1 amp if burned out.</p> <p>Notify your dealer if none of the above solves the problem.</p>
Filter life indicator still reads 9999 even though I changed the filter.	Filter life counter was not reset during filter change.	Press and hold red filter "Reset" button with power on until indicator reads 9999.
The ionized water has developed a fishy or otherwise objectionable smell or taste.	<p>There is too high a level of alkaline minerals.</p> <p>Filter cartridge is depleted.</p>	Use a lower ionization level. If no improvement, replace filter cartridge. Replace or start using the calcium cartridge. Check with

	Calcium cartridge is depleted.  There is a problem with water supply.	water authority.
Water leaks out of Gio-Bella.	Filter is not correctly installed. There is a loose connection.	Verify that filter is fully seated inside filter compartment. Check all water connections. Verify that Gio-Bella has not been dropped or otherwise damaged. Notify dealer if damage suspected, or leak not repairable.

## 14. Warranty Statement

### **TWO YEAR LIMITED RESIDENTIAL USE ONLY WARRANTY**

Your Water Ionizer is warranted for a TWO-year period by the US Distributor. The warranty period will commence upon ship date to NON-COMMERCIAL end users only and is limited to covering defects in materials and manufacture only. **Replacement filters are not covered.**

Not covered are any defects resulting from misuse, neglect, or mishandling. Repair or replacement will be the option of the US Distributor. **Return shipments will not be accepted without prior authorization from your Dealer.**

This Water Ionizer warranty covers parts and labor. Not covered are return shipment costs, although repaired or replaced units are shipped at no charge to end user.

**Levels of attainable pH will vary according to native water mineral content.**

**Water ionizers are point of use, drinking water machines only and not intended for use upstream with any other component. Attaching hoses, tubes, or other plumbing to the flex hose will damage the machine and void the warranty.**

### **DISCLAIMER**

Although Water Ionizers are certified as medical devices in Korea, no such certifications are transferable to the United States nor are any medical claims made or implied by your Dealer resulting from the consumption of Ionized Water. **As with any other health and exercise program, consult your physician before embarking on a regimen involving the regular consumption of restructured alkaline water.**

**VERY IMPORTANT**

**YOUR WATER IONIZER IS NOT SUITABLE AS A WATER PURIFIER AND IS NOT  
TO BE USED ON UNTREATED WATER THAT IS MICROBIOLOGICALLY UNSAFE.**

15. Contact

**YOUR LOCAL GIO-BELLA RESELLER IS:** Record  
point of purchase contact information for your Ion Farm here:

Nature'sAlternatives.com

7111 W. Indian School Road #140

Phoenix, Arizona 85033 USA

Tel. 623-873-8080

Fax 305-723-2783

E-mail: [comments@naturesalternatives.com](mailto:comments@naturesalternatives.com)

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