



## **VECTA DELUXE SENSORY DISTRACTION STATION**

### **INSTRUCTION MANUAL**



# SET UP INSTRUCTIONS

## Read Instructions First

The Vecta is a mobile cart that allows you to take the Multi-Sensory experience from room to room. The Vecta cart comes fully assembled with most of the equipment already installed. The Vecta has a UL power distribution and hospital-grade protection bar that allows you to plug all of the equipment into one fused power supply.

### SHIPPING LIST

#### **Vecta Deluxe includes:**

1.2M Interactive Bubble Column  
Ping Pong Insert  
Color Controller  
Ball Switch  
Integral CD Stereo (with MP3 compatibility)  
100 Tail, 2M Fiber Optic Sideglow with Light Source  
Acrylic Mirrors  
12' Electrical Cord  
Hospital Grade Power Strip

#### **TIDY BOX (rear of Vecta)**

Super SNAP Projector  
Effects Wheels  
Aromatherapy Diffuser/Oils  
Ball Switch  
Color Controller  
Funnel  
Bubble Column Additive (9BCAA)  
Bubble Column Cleaner (9BCC)  
Music CD  
Key to Tidy Box

#### **Step 1:**

- Remove Vecta Unit from original box.
- Locate the **TIDY BOX** in the rear of the Vecta.
- Remove all items from the Tidy Box.
- Verify that you received everything on the Shipping List.

#### **Step 2:**

- Plug in the Vecta to make sure it is operational. Watch for lights to come on in the Bubble Column base and listen for the pump motor to come on. Watch for the lights to come on in the fiber optic tails
- Unplug Vecta.

#### **Step 3: BUBBLE COLUMN**

- Locate Bubble Column stopper plug at the top of the Vecta stand.
- Remove stopper plug on top shelf and insert funnel. Add 2 oz. of Bubble Column Additive into the Bubble Column via the funnel.
- Add approximately 5 gallons of **DISTILLED WATER ONLY**. Stop approximately 3" from the top. (Purchase an extra gallon to add when the water evaporates.)
- Speed adjustment is the black knob on the front of the Bubble Column base. Allows you to regulate the flow of bubbles to customize the sensory/distraction session.
- Switch jack is located in the front of the Bubble Column base will accommodate any ¼" jack switch. For 1/8" jack switches, you can purchase a jack adaptor from your local electronics store. All TFH Switches come with the jack adaptor.
- Color Controller connection is the larger of the two "telephone" jacks. The smaller one is for factory use only.

#### **Step 4: COLOR CONTROLLER**

- Unpack Color Controller with 6 ft. cord
- Locate the Color Controller jack at the base of the Bubble Column. It is the larger of the two "telephone" looking jacks.
- Connect the Color Controller to the Bubble Column .
- Each button can be pressed individually or two or more at a time to produce up to 16 different color combinations.

#### **Step 5: FIBER OPTICS**

- The Fiber Optic Light Source is installed on the bottom shelf of the Tidy Box. The Fiber Optic Strands are attached to the Light Source.
- Carefully remove the zip ties from the Fiber Optic Strands
- The Fiber Optic Strands will come on when you plug in the Vecta. They will cycle through different colors slowly and also a “sparkle” feature.
- If you do not want the Fiber Optics Strands on, you can unplug them from the power strip at the back of the Vecta cart.

#### **Step 6: SUPER SNAP PROJECTOR**

- To mount the Super SNAP Projector to the top of the Vecta locate the black knob at the top of the Vecta stand next to the Bubble Column stopper.
- Unscrew the knob and place the predrilled bracket at the base of the Super SNAP Projector over the bolt.
- Screw the black knob on to the bolt (hand tighten).
- By loosening the black knob, you will be able to move the Super SNAP Projector to project the moving images anywhere in the room. The two knobs on the side of the Super SNAP allow you to point the projector to the ceiling or the floor.
- Plug in SNAP Projector to the power strip located on the back of the Vecta stand.
- See separate attached instructions for SNAP Projector operation.

#### **Step 7: AROMATHERAPY DIFFUSER**

- Remove from original packaging and assemble per instructions in box.
- Follow manufacturer’s instructions for use.
- Place on top of Vecta stand or anywhere in room.

**NOTE: When moving Vecta, place Aromatherapy Diffuser in Tidy Box to avoid breakage.**

#### **Step 8: STEREO**

- Stereo controller is located on the top back of the Vecta. The speakers are on the front on either side of the Bubble Column.
- Insert CD and adjust volume.
- Use the Auxiliary plug for MP3 players or smart phones. This allows the user to have their preference of music for a more enjoyable experience.
- In some environments, you can also use the radio for music.

#### **Step 9: BALL SWITCH**

- Insert Ball Switch plug in the jack located on the front of the Bubble Column Base.
- Activate the Ball Switch by squeezing the ball. The bubbles in the Bubble Column will start and stop with every squeeze and release.

#### **Step 10: ACRYLIC MIRRORS**

- Carefully remove the protective paper from the mirrors behind the Bubble Column and on each winged door. See “Maintenance of the Vecta” for cleaning information.
- There are two mirrored wings which allow the illusion of more than one bubble column. The wings can be moved 180 degrees.
- Close the wing flush to the Vecta cart and lock in place prior to moving.

#### **Step 11: VECTA CART WHEELS**

- Two wheels on the base lock by stepping down on the metal levers.
- Lift up on the metal levers to unlock.

## **MAINTENANCE OF THE VECTA**

### **MAINTENANCE OF BUBBLE COLUMN**

Bubble Column is all LED so no bulbs to burn out or replace. Other than cleaning and water maintenance, not much else to do. See Bubble Column Maintenance on next page.

### **MAINTENANCE OF TFH FIBER OPTIC STRANDS**

The TFH Fiber Optic Strands should be cleaned regularly using a solution of 50:50 water and hydrogen peroxide or the **Bubble Column Cleaner (9BCC)** wiped down the entire length of the strands. *No chlorine bleach should be used to clean the strands.*

### **MAINTENANCE OF FIBER OPTIC LIGHT SOURCE**

The light source uses an LED light so no need to replace bulbs.  
Use clean damp cloth to wipe outside of light source box if necessary.

### **MAINTENANCE OF SNAP PROJECTOR**

A clean damp cloth to wipe the outside of the projector. Compressed air to remove dust from inside the projector.

### **MAINTENANCE OF ACRYLIC MIRRORS**

Use a very soft cloth and non-astringent cleaner on mirrors. We recommend vinegar and water solution.

**YOU CAN USE THE BUBBLE COLUMN CLEANER ON ALL EXTERIOR PARTS OF THE VECTA TO DISINFECT.**

### **For Extended Storage:**

When placing the Vecta in storage for an extended period of time, the Bubble Column should be drained with the TFH Drain Pump (sold separately) or wheel the Vecta to shower stall or outdoors, remove stopper plug from top of Bubble Column, remove white cap, slide Bubble Column forward, and tilt Bubble Column forward disposing water.

### **VECTA SPECIFICATIONS**

Cart Height: 60"  
Cart + Projector: 69"  
Width: 20" (wings closed)  
Width: 44" (wings fully open)  
Depth: 27"  
Weight: 260 lbs.  
120V, 15 amps, 60 Hz

## **MAINTENANCE OF THE BUBBLE COLUMN**

DO NOT USE any premoistened wipes, disinfecting sprays or any alcohol, ammonia or bleach based cleaners on the Bubble Column tube. This will deteriorate the acrylic and result in spider cracks which will cause leaks in the Bubble Column. A quart of Bubble Column Cleaner (Critical Care) is included with every Vecta.

TFH USA recommends that you use Gold Bond Hand Sanitizer when touching our Bubble Columns. Any of the alcohol-based hand sanitizers will transfer that alcohol to the column resulting in spider cracks and leaks.

Regular maintenance of the [TFH Bubble Column](#) includes...

**MONTHLY:**

Add a capful of **BUBBLE COLUMN ADDITIVE (sold separately - 9BCCA)** monthly.

**EVERY FOUR TO FIVE MONTHS:**

Empty the entire contents of the bubble column with the **DRAINAGE PUMP (sold separately - 9BCPUMP)** every four or five months. Remember to add an extra two ounces of anti-algae solution (Bubble Column Additive, see above) every time you change the DISTILLED water in your Bubble Column.

**CLEAN INSIDE OF BUBBLE COLUMN:**

Empty entire contents of the bubble column with Drainage Pump. Add a couple inches of DISTILLED water and a drop or two of Dawn™ dishwashing detergent to the inside. Use a dedicated rag mop to clean the inside of the column. Rinse thoroughly several times with distilled water to remove all soap residue.

**CLEAN OUTSIDE OF BUBBLE COLUMN:**

Recommended EXTERIOR disinfectant: **BUBBLE COLUMN CLEANER (included-9BCC)**. This is a hospital-grade disinfectant that has been tested on our bubble columns and will not crack the acrylic.

**REFILL BUBBLE COLUMN:**

While Bubble Column is running, fill column with DISTILLED water. Adding tap water, even a small amount, will contaminate the Bubble Column and greatly increase the chance of algae growth.

**Gallons of DISTILLED Water To "FILL LINE"**

<b>1.2M columns</b>	<b>5.5 gallons (approx.)</b>
<b>1.75M column</b>	<b>8 gallons (approx.)</b>
<b>2M column</b>	<b>9 gallons (approx.)</b>

Keep extra DISTILLED water on hand to replenish when water evaporates (naturally occurring). If water is 2-3" below "FILL LINE" check base for leaks and call us immediately. DO NOT TURN OFF BUBBLE COLUMN.

**BALL SWITCH:**

To clean and disinfect use **Bubble Column Cleaner** on Ball Switch.

**Statement of Policy**

TFH equipment is designed and manufactured only for supervised activity. This equipment must not be used unsupervised. It is the supervisor's responsibility to ensure that the equipment is appropriate for the individual; that it is used safely; and put away when not in use.

**Guarantee of Satisfaction**

As you know, we've always been passionate about helping those involved with the challenges and joys of caring for those with disabilities. All our products are selected with great care to make play and learning opportunities available to everyone. Our reputation for quality is second to none and all TFH products are guaranteed for one year.

**Full Year Limited Warranty**

All TFH Products are guaranteed against defects in material and workmanship for one full year from date of shipment. Any such defect will be repaired or the product replaced, at our option, upon return to our offices. You must contact us for a return authorization before sending us any equipment on Toll Free 800-467-6222. All equipment will wear with use and no guarantee is made against normal deterioration. We recommend you inspect all weight bearing equipment, fittings and supports to guard against injury. Any alteration of equipment or improper use of equipment will void our warranties.

**Technical Support**

Technical Support is available for any issues you have with our equipment. Please call 800-467-6222 for more information.

**Limitation of Liability**

Our products are intended for supervised use and even though we use the finest materials available, we cannot guarantee freedom from injury. The supervisor assumes all risk of injury or applicability during use. All merchandise is sold under this condition, which no representative of the company can waive or change.