



## Bubble Tubes

Thank you for purchasing a SpaceKraft LED Bubble Tube which offers a superb and enjoyable way of encouraging awareness and developing communication skills. This product is guaranteed for a period of 12 months.

Please make a note of your serial number, and on the Bubble Tube base.

This unit is designed for mains operation 240 volts ac, 50Hz and is transformed to 12 volts dc for safe operation.

### **Filling your Bubble Tube**

Fill your bubble tube with tap water. If you live in a hard water area, we recommend the use of distilled water.

**WARNING** Never use any other liquid other than water to fill your Bubble Tube.

Bubble tubes are quite easy to fill with a bucket. Here is a guide to how many buckets of water your column holds.

### **Bucket Guide**

- Bubble Tube 1 metre - 2.5 buckets
- Bubble Tube 1.5 metre - 3.75 buckets
- Bubble Tube 2 metre - 5 buckets

A hose pipe is always the alternative option, ensure someone is watching at both ends!

Fill to approximately 100mm from the top of the column and replace the white cap. Your Bubble Tube is now ready to connect to the power supply.

## **Connecting to the power supply**

Your bubble tube is designed to operate on a 240 Volts ac, 50Hz mains power supply transformed down to 12vdc.

Site the power supply as far as possible away from the column (as far as the cable allows).

Insert the black plug attached to the black flex on the power supply into the socket at the rear of your bubble tube.

Connect to the mains supply with the plug. Your bubble tube will now operate.

## **Operating Your LED Bubble Tube**

### **Standard & Portable LED Bubble Tube:**

When you switch on your Bubble Tube, the lights will sequence automatically through seven colours and the bubbles will operate continuously.

### **Interactive LED Bubble Tube:**

As Standard Bubbletube except you have the option to operate the bubbles on or off and intermittently by plugging a switch into one of the jack sockets on the front of the Bubble Tube. You can also select the different colours via the four colour labelled jack sockets on the front of your Bubble Tube. After about ten minutes of no colour switching the Bubble Tube returns to the automatic sequence.

### **Interactive Remote LED BubbleTube:**

As Standard except you now have the ability to operate your Bubble Tube colours and bubbles remotely using the remote switch box. There are seven switches for the seven colours and one switch for the bubbles. There are also eight jack sockets on the remote switch box which enable you to use your favourite switches to operate your Bubble Tube. The remote box requires a 9volt PP3 battery (supplied) which is fitted internally.

### Ball or Bead Bubble Tubes:

The Balls or Beads are drawn up the inner tube, through the hole in the bottom, and then drop slowly down between the inner and outer tube.

### Bubble Tube Hygiene and Maintenance

#### Cleaning your bubble tube

Disconnect the unit from the mains supply and remove the Bubble Tube lid and wall bracket from the column. Empty your column using a recommended pump (Part Number 50 11 4) Half fill with warm soap water and wash. Refill after rinsing thoroughly with tap water.

Always remember to refit the Bubble Tube lid and wall bracket.

To avoid bacterial growth, smell and green algae Spacekraft recommend that:-

- The water in a Bubble tube should be changed on a regular basis, preferably every 4 to 6 weeks.
- That an appropriate biocide should be used to kill any bacteria in the water to prevent any slime build-up.
- A suitable biocide in the form of BCB tablets (part number 50 69 2) can be purchased. We recommend the use of one tablet per week. A free information leaflet is available on request.

**WARNING** The use of bleach or baby bottle sterilising tablets to clean the Bubble Tube can cloud the surface of the Perspex tube and may also weaken it.

## **SAFETY GUIDELINES**

If you have a ball or bead Bubble Tube, take care with the 'loose' inner tube when changing the water.

WARNING – Never do any of the following to the power supply :-

- Cover with any objects.
- Insert any sharp objects.
- Change fuses, refer to a qualified person.
- Pour water nearby.
- Remove the Bubble Tube cover without the power supply disconnected.

WARNING – Never do any of the following to the column:-

- Allow persons to swing, hang or lean.
- Hit with any object.
- Place live fish in the water.
- Use with the column empty.

WARNING – Never do any of the following to the base:-

- Remove the cover without disconnecting the power supply.
- Sit or stand, unless you have a protective softplay Bubble Tube Base.

WARNING: The use of bleach or baby bottle sterilising tablets to clean the Bubble Tube can cloud the surface of the Perspex tube and may also weaken it. Never use any other liquid other than water to fill your Bubble Tube. Under no circumstances use these methods to clean your Bubble Tube.

Never leave clients unsupervised with this equipment and only use this piece of equipment for as long as is appropriate for each individual client.

## **Trouble shooting**

### **My Bubble Tube has no colours or bubbles:**

Check the power supply is still connected to the mains supply and to the Bubble Tube base. If the power supply is connected, check the power supply itself for its little green light. If there isn't a green light then the power supply may be faulty. If all connections are correct and the power supply is lit then please don't hesitate to contact us.

### **My Bubble Tube has colours but does not bubble:**

Either the column has become clogged with bacteria or the pump has failed. If you have an Interactive Bubble Tube, disconnect any switches in the jack sockets on the front of the Bubble Tube or the remote box as the switch could be defective. If there are still no bubbles, then please don't hesitate to contact us for further assistance.

### **My Bubble Tube has bubbles but no colours:**

Please contact us for further assistance. 01274 581007

If your Bubble Tube still doesn't work after following these guidelines or you require any spare parts or further guidance please don't hesitate to contact us.