



Bubble Tube Touch User Guide

This guide has been written to help you get the most from your bubble tube. Please ensure that you read this fully as it contains important information on filling, emptying and maintaining your tube. Failure to follow this advice may result in damage to the tube and invalidate your warranty.

Keep this guide in a safe place for future reference.

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Unpacking

1. Bubble tubes are shipped in specialist packaging, designed to protect the tube from damage during transport.
2. Ensure that the packaging is carefully removed from around the tube. Keep the packaging in case the tube needs to be returned.
3. Take care not to lift by the tube as this can cause damage. Always lift from the base.
4. The power supply (**12V AC 3.5A**) for the tube is stored in the top cardboard packing piece. This power supply is around 5M in length.
5. **Do not** remove the protective film from the tube until the unit has been filled with water and is running to your satisfaction. If removed this will void warranty
6. The tube may have some water residue in it when unpacked. This is normal and is a result of the testing procedure at the factory.
7. Rinse the tube before first use to remove any dust or dirt from the packaging materials.
8. If your tube is supplied with BCB Treatment Fluid (**sold separately**) it will be packed in a protective bag. Please open this with caution to ensure that any fluid that has leaked does not come into contact with skin.
9. If you find any damage when you unpack you should report it within **7 days** to your supplier.
10. If repairs are not completed by Apollo Creative this will void warranty and we will not held liable for any damage or injury caused.
11. **Please note** a cable tie needs to be cut away from the pump which is found under the white base cover when setting up your Bubble Tube. Lift the white base cover carefully to prevent any scratches to the tube. The cable has been used to prevent any excessive movement during transit.

Setting up & Usability

1. Ensure that the power supply is sited at an adequate distance from the tube and that there is no tension in the power cable. The cable should never be coiled around the power supply, as this may cause it to overheat.
2. Switch on the bubble tube **before adding any water**. This is to ensure that water does not enter the airline as it is being filled.
3. Take care when filling/emptying the tube to ensure that water does not come into contact with the base or the power supply.
4. Start to fill the tube with water using a suitable container or hosepipe. After filling about 10cm, stop and check for bubbles and light before proceeding further. If everything is working correctly, continue to fill the tube finishing about 10cm from the top. A bubble tube will hold approximately **15 litres of water per metre**.
5. Use of BCB Fluid (**sold separately**) in the tube is used to prevent bacteriological infections, slime and green algae forming.
6. The bubble tube will require topping up with water from time to time. This is due to natural evaporation, the speed of which will vary depending on ambient temperatures.
7. In hard water areas we recommend the use of distilled/deionised water in the bubble tubes.
8. Carefully lift white base when putting on/taking off up the tube as this can cause scratches to the outer tube.
9. In the unlikely event of the tube not working fully, please contact your supplier.
10. Large enclosures such as Tubes and Panels are to be secured against falling by use of wall mounting brackets, mounting enclosure into fabricated plinths or similar supports. (**Sold separately**).

Setting up & Usability

11. Please note that when installing a touch tube into a plinth that metal can affect the usability of the sensor. To avoid unsatisfactory results please avoid using plinths with metal staples in and remove any metal around the tube hole itself. This includes the use of metal wall brackets
12. If installed in a plinth please ensure the tubes lid has been fitted along with any covers for the plinth before use.
13. The touch tube has been designed to cycle through a range of different colours after registering contact on the tube, including: red, green, yellow, blue, purple and white
14. When a child's hand touches the tube they should see the colour change, please note if an adult goes to touch the tube the colour may change as their hand comes close to the tube
15. After the tube has been touched, users are required to bring their hands back a minimum of 4 inches before the tube can be triggered again, this is to allow the sensor to reset and be triggered again
16. If you feel that the tubes reactivity towards the top of it is unsatisfactory we recommend topping the tube up with salt, around 5-10g of table salt will help the conductivity
17. Please note that the touch tube needs to be filled completely before use, this is due to the conductivity. Testing the tubes touch with only a quarter full of water, will provide unsatisfactory results.

Emptying & cleaning

1. If you notice the bubbles in your tube becoming weaker, you should change the water immediately as this is a sign of the air holes becoming blocked.
2. Disconnect the bubble tube from the mains.
3. Make sure you have a bucket or suitable container to hold the water that will be emptied.

Use a siphon tube or pump to empty all the water from the Tube. Our Drain Kit is **(sold separately)**.
4. If the tube is fitted with a drain valve, put the outlet pipe into a container and then open the valve. Ensure the valve is closed before refilling the tube.
5. The inside of the tube should not be cleaned with bleach or any other harsh cleaning fluid as this will cloud the plastic.
6. The exterior of the tube can be cleaned with a spray polish and a soft cloth.
7. Rinse with water to remove any dirt and refill with clean water. You can now also add BCB fluid **(sold separately)** if required.
8. Cleaning and user maintenance shall not be made by children without supervision.
9. We recommend to regularly change the water in the bubble tube at least every 10-12 weeks. You may need to change it sooner if it is situated near a window, as sunlight rapidly speeds the growth of bacteria.
10. If the bubble tube has been left to have green algae to build up around the bottom of the air line, Milton has been used overnight to remove. Rinse through accordingly.

Deep cleaning

1. If the tube has been in use for a while then there may be a build up of dirt and bacterial growth around the air ring. This can block the air holes and if not cleaned can lead to the tube requiring a replacement air ring.
2. Fill the tube to a depth of 5cm using non-diluted sterilising fluid such as Milton. This will begin to remove the dirt immediately and should be left for several hours to clear the tube (preferably overnight, but not longer than 24 hours).
3. Drain the tube and then rinse thoroughly using about 10cm of water. Swill the water around trying to cover as much of the tube as possible. Remember to lift the tube from the base and take care not to bang into anything. Repeat a couple of times to ensure the tube is clean.
4. After cleaning, check the air ring for any remaining dirt or black marks. Repeat the cleaning process if required.
5. The more severe the dirt in the tube and around the air ring, the more sterilising fluid will be required. It may be necessary to begin with a more intense clean, by using a full 500ml bottle in the tube topped up with water.
6. When complete, fill the tube with water as normal and add BCB Fluid **(sold separately)** if required.
7. If the bubble tube has been left to have green algae to build up around the bottom of the air line, Milton has been used overnight to remove. Rinse through accordingly.

Regularly changing the water in your tube will help to significantly prolong its life.

Using de-ionised water in your bubble wall will help to significantly prolong its life.

Potential risks & warnings

1. Read and understand all these instructions before using the bubble tube.
2. Large enclosures such as Tubes and Panels are to be secured against falling by use of wall mounting brackets, mounting enclosure into fabricated plinths or similar supports. **(Sold Separately)**.
3. Do not operate the tube with a damaged power cord, or if the unit has been dropped or damaged.
4. Position the power cord so that it will not be tripped over, pulled or come into contact with hot surfaces.
5. Always unplug the tube from the power socket before cleaning, servicing and when not in use. Never yank the cord to pull the plug from the outlet. Grasp the plug and pull to disconnect.
6. Always connect the bubble tube to a grounded outlet.
7. To reduce the risk of electrical shock, do not immerse the product in water or other liquids.
8. Do not dismantle the tube, but contact the supplier or manufacturer if servicing is required. Incorrect assembly can cause electrical shock when the product is used.
9. BCB Fluid **(sold separately)** can be an irritant. Take care when handling and read the Material Safety Data Sheet provided before using.
10. This developmental aid appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the developmental aid appliance in a safe way and understand the hazards involved.
11. Children below this age must be supervised when using this developmental aid appliance. Cleaning and user maintenance shall not be made by children.
12. **Warning:** Only use the detachable supply unit **(12V AC 3.5A)** provided with this appliance.

This bubble tube is supplied by:



We are a member of the WEEE
Compliance scheme

Registration : **WEE / MM4751AA**

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