



**MegaActive “Talking”
Bubble Tube
USERS MANUAL**

CE

1-Getting started

We recommend that you read the whole manual to ensure you get the most from this unit.

The following points are important for safety as well as for the smooth installation and performance of the unit

- ✓ Unpack carefully and be sure that no damage has occurred during shipping. **DO NOT THROW AWAY THE PACKAGING.** You will need it if you must return the bubble tube to us for any reason.
- ✓ **The External Power Supply Unit must be installed well away from the Bubble Tube unit or other sources of liquid hazard.**
- ✓ **The Lamp gets very Hot! Always allow the unit at least 15 minutes to cool down before removing lamp cover / changing lamp**
- ✓ **Never allow the users to exert unnecessary force on the tube. Doing so may crack the tube and void warranty.**
- ✓ Do not connect the external power supply or bubble tube unit to any dimmer pack.
- ✓ If electrical work is required for installation, qualified personnel must only do this.
- ✓ The unit must be located in a place with adequate ventilation. Do not block any ventilation slots.
- ✓ Ensure that no liquid or other objects can enter the base or External Power Supply unit.
- ✓ In the unlikely event of product malfunction, turn off the unit immediately. Never try to repair the unit yourself. Repairs carried out by non-approved personnel can lead to serious damage or malfunction and will void warranty. Please contact us for any technical assistance.
- ✓ Always remember to unplug the unit from the mains supply before any service is done.
- ✓ In fixed installations, the unit should be securely fastened to a structurally sound surface. The top of the tube should be fastened preferably using our bubble tube bracket (available separately).

2-Main features

- Voltage: **Mains Isolated Low Voltage** AC 12V 50Hz
- Lamp: A1/232 150W 15V
- Internal Electronics Fuse: T3.15A
- 8 Pure Dicroic Colours + White (4 Selectable)
- Intelligent Microprocessor control
- Built in microphone
- MegaSound™ Sound Response.
- Compatible with all standard switching devices
(NOT Included)
- 9 user selectable programmes

3-Lamp

- **Always switch off the mains supply and allow unit to cool before changing lamp.**
- Remove the screw(s), which fix lamp cover.
- Replace lamp only with type: A1/232 150W 15V
(Our Order Code A1/232)
- Do not touch the inner bulb with bare hands. If this happens, clean the lamp with denatured alcohol and wipe with lint free cloth before installation.
- Average bulb life: 200Hrs
- Subjecting the unit to sudden shocks can cause premature bulb failure.
- Replace lamp cover and fixing screw(s)

4-Controls

Connect external user switching devices (not supplied) to the 4 standard ¼” Jack Sockets on front of unit (or external control unit if fitted).

The internal microphone is located on the front of the unit (or external control unit – where fitted).

The volume control on the front of the unit (or external control unit – where fitted) allows the user to set the loudness of the sound to a comfortable level.

The Red Program Select button, located on front of unit (or external control unit – where fitted), allows the user to scroll through the various modes of operation.

The LED display located on the front of the unit (or external control unit – where fitted), indicates the current program number.

5-MegaSound™

The unit is equipped with the latest in sound response technology. Programs 6 & 7 utilise these circuits.

When set to Programs 6 or 7, the unit will react to abrupt changes in volume such as speech or banging etc.

The advanced circuitry automatically changes the gain of the audio input, to suit the ambient noise level.

6-Modes of Operation

The unit can operate in one of nine different modes. Pressing the Red Program Select button on the front control panel (or external control unit – where fitted) scrolls through all nine programs, then returns to program 0. The green display indicates the current program.

Program 0 – Passive mode (no switching)

Default mode when the unit is first powered. The unit slowly scrolls through all colours.

Program 1 – “Talking” latched & timed off mode

The selected colour remains lit until another colour is selected. The name of the colour is called out from the internal speaker. If no colour is selected, the colour extinguishes and bubbles cease after approx. 10secs.

Program 2 – Latched

The selected colour remains lit until another colour is selected.

Program 3 – Momentary

The selected colour only remains lit while the switching device (any standard switch), operating that colour is activated. The light is then extinguished and bubbles cease.

Program 4 – Racing Game (requires 2 or more switches)

The first colour to be selected is lit. Any other colours are subsequently ‘locked out’. All switches must be inactivate for 3 seconds to restart the game (*indicated by bubbles stopping*).

Program 5 – Toggle

Activating a switch will cause that colour to light up. Activating the same switch again will then extinguish the colour and bubbles.

Program 6 – MegaSound™ Latched (no switching)

The unit will step through the colours each time a sound is detected.

Program 7 – MegaSound™ Unlatched (no switching)

The unit will step through the colours each time a sound is detected. If no sound is detected for 2 seconds, all colours are extinguished and bubbles cease.

Program 8 – Simon Game

A fun version of the classic game with bubbles and applause as a reward for selecting the correct colour sequences.

Pressing green starts the game. The user must then watch the sequence of colours, then copy the exact sequence to gain a reward. The level of difficulty increases with each sequence guessed correctly.

7-Initialisation

When the unit is powered up, it goes through an initialization routine where it moves all motors to their datum points.

Bumping noises may be heard as the unit checks the limits of movement on the motors. This is perfectly normal and will last approx. 5secs. The unit will then go straight to program 0.

8-Unit Cleaning

The tube and base should be cleaned using a damp cloth. Do not use abrasive materials.

If using Bubble Safe water additives, we recommend water is changed every 6 months, otherwise the water should be changed every 4 weeks. If used in direct sunlight water must be change every 7 days. Not following the above guideline will cause excess alga build up in bubble tube airways causing bubble to stop and voiding warranty.

9-Troubleshooting

No light or bubbles from unit

Check if the green program indicator on front of the unit is lit. If not, there is no power to the unit. Check mains is switched on

and wiring is correct. Check external power supply is correctly plugged into the unit. Check fuse to power supply unit.

In program modes 1 to 5, & 8, external switches (not included) must be connected to at least one Red, Yellow, Green or Blue input on front of unit to activate colours and bubbles.

Unit producing bubbles but no light / colour

The lamp may need replacing. See lamp section.

Unit changing to wrong colours

The internal mechanics have gone out of synchronisation. Power up the unit again to reset datum points

Unit lighting up but not producing bubbles

Contact the Sensory Company technical assistance centre.

Notes:

Manufactured in EC

The Sensory Company®
PO Box 44, Douglas IM99 3NJ, Isle of Man, UK

Tel: +44 (0) 845 838 22 33
Fax: +44 (0) 845 838 22 34
www.thesensorycompany.co.uk

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