

### Product Description

The Double Bubble Bonanza™ is perfect for encouraging co-operative play, turn-taking, and follow my-lead activities. Watch as the beautiful effects bring a new level of interaction, making it an ideal tool for both fun and learning. Whether you are playing alone or with friends, the Double Bubble Bonanza™ promises endless hours of entertainment and sensory stimulation.

### Product Compatibility

- 20848 / 21098 Sensory Magic® 2 Panel / Sensory Magic® 2 Portable
- 23717 / 23725 Sensory Magic® 3 Compact / Sensory Magic® Compact Plus
- 19847 Deluxe 8 Colour Wirefree Controller
- 21006 8-Colour Wirefree Switch
- 18870 Talking Cube
- 20402 Mini Talking Cube
- 24515 Colour Command Centre™
- 21918 Wi-Fi Override Transmitter
- 21728 Wi-Fi App Control Box
- 22867 Wireless Colour Controller Cushion Wall Mat
- 22716 Wi-Fi Colour Control Bumpas – set of 8

### Included Parts

- 1x Snoezelen® Double Bubble Bonanza™ Panel
- 2x Wall Mounting Bracket
- 4x M4 Screws
- 1x Mounting Template (for use during installation)
- 15V power supply (23612)
- 5V power supply (23606)
- 1x UK Mains Lead
- 1x US Mains Lead
- 1x EU Mains Lead
- Instruction manual

### Technical Specification

**Weight (empty)**  
23kg [51lbs]

**Weight (filled)**  
28–33kg [62lbs–73lbs]

**Dimensions**  
115H x 67W x 10cm [26-3/8W x 4D x 45-1/4H in]

**Input**  
100-240V 50/60Hz

**Output**  
5V DC 10A

**Shell material**  
ABS (Phthalate-Free)

### Operation

- The Panel must always be used under supervision.
- Do not strike the panel. The panel is built robustly, but intentional misuse will shorten its lifespan.
- Do not open, dismantle, or attempt to repair the panel yourself. This may cause injury and will invalidate the warranty.
- Disconnect any cables when installing or moving the product. Pulling of the cables can cause premature wear or damage to the product and/or accessories.

- If the product generates abnormal sounds, a burning smell, or smoke, disconnect immediately and contact Rompa® customer services.
- Do not press and hold the panel push buttons for durations of longer than a minute. Over time this may reduce the life expectancy of the product.

### Care and maintenance

To prolong the product life, please read the following instructions when installing and operating this panel:

- When installing please ensure to keep the layer of protective film on the screen until the whole panel is fully mounted and is ready for use.
- Ensure no sharp tools or objects are near to the touchscreen or other screens on the panel.
- Rompa® recommends using a soft microfibre cloth for cleaning and dusting. Doing so optimises the finish and will prevent scratches onto the screen.
- Slight dampening of the cloth, or use of isopropyl alcohol is recommended for more stubborn stains. Ensure the panel does not become wet.
- Particular care should be taken around apertures in the chassis and any electronics (touch screen, power button, illuminated push buttons, external switch jacks and microphone input jack).
- Avoid food or drinks near the panel.
- Do not attempt to physically damage the product including the electronics, screen and buttons.
- Ensure loose wires are out of sight.
- At the end of the product's life, please dispose of it ethically. Recycle wherever local facilities exist.

### Filling & emptying the panel

We recommend changing the water every 6 weeks.

#### Filling with water

##### Required items to fill the panel:

- Rapid Water Change Pump (20601-SPECIAL).
- Bucket of water

1. Locate the end of the plastic tube that is connected to the rapid water change pump as seen below:



2. Plug this into the valve that is located on the button on the underside of the panel. The tube should click into the valve on the bottom of the panel and be securely held in place.
3. Any water in the tank will be released into the tube. Please ensure a bucket is used to contain any water that may be released.
4. Before filling the tank, we recommend you power on the panel to get the air flow from the pumps into the tank. The action of the pumps account for the water displacement, allowing you to fill the tank to the correct level.

- One method for keeping the panel pumps powered on during the filling process is to put the panel into mode 1 which will automatically power the pumps on and off. To put the panel into mode 1, use the touchscreen and on the mode selection menu ensure that the number 1 is displayed.

**IMPORTANT**

**Bubbles displace water. This means the water level will rise when the panel's pumps are running.**

**We recommend running the panel's pumps while you fill your panel, to avoid overfilling.**

- Fill your bucket with water. We recommend 10ml of BCB Water Treatment Fluid (20698) be added to the Snoezelen® Double Bubble Bonanza™ during the filling procedure. This can be added to the water in the bucket prior to filling the tank. BCB Water Treatment Fluid will help prevent the build-up of bacteria in the tank of the panel.
- Place the Rapid Water Change Pump (20601-SPECIAL) into the full bucket, so that the pump component is fully submerged in water. Power the Rapid Water Change pump on by plugging the pump into the mains. With the Rapid Water Change pump powered on, water will immediately start pumping into the pipe connected to the panel, and begin filling the panel.
- Monitor the water level continuously during the filling process. Do **NOT** allow the water level to exceed above the fill line that is etched into the panels tank. The water level should never exceed the fill line.

**IMPORTANT**

**Overfilling can permanently damage the panel.**

- Once the water level reaches the fill line, turn off the Rapid Water change pump by unplugging the pump from the mains and simultaneously remove the pipe from the valve on the bottom of the panel. If you do not remove the filling pipe from the panels valve water may come back through the valve, so please remove the filling pipe quickly after powering off the pump to avoid reducing the water level in the panels tank.
- Place the pipe that you have just removed from the valve on the bottom of the panel into the bucket of water to contain any residual water that may remain in the pipe from the filling process.
- If you overfill the panel marginally during the filling process, you can drain the required amount of water out of the panel by using the drainage tube provided with the panel. The drainage tube is a separate tube just for the purposes of draining the panel.

**Draining**

**Required items to drain the panel:**

- Drainage pipe (included in box)
- Empty bucket

- Ensure the panel is turned off during draining so the pumps do not have power.
- To empty the panels tank of water, locate the drainage tube that comes supplied in the box with the panel.
- Ensure the other end of the drainage tube that is not connected to the valve on the panel is in an empty bucket for the water to drain into. It is recommended to do this prior to plugging in the drainage tube to the valve on the panel to avoid water spilling.
- Plug the other end of the drainage tube that is not placed in the bucket into the valve that is located on the button left on the underside of the panel. The tube should click into the valve on the bottom of the panel and securely hold in place. The same valve is used for both filling and draining the panel of water.
- Water will begin draining as soon as you click the drainage tube into the valve on the underside of the panel.
- Allow the water in the panels tank to fully drain into the bucket until the tank is empty of water.
- When the panels tank is fully drained disconnect the drainage tube from the valve on the bottom of the panel and place the end of the drainage tube into the bucket of water to contain any residual water. There might be some residual water that comes out of the draining pipe during its removal from the valve on the panel.

**External Features**

1. Power Button
2. Speaker
3. Water fill line
4. SD Card Slot
5. Touch Screen
6. Mounting Screws
7. External Switch Input\*
8. Illuminated Push Buttons\*
9. Microphone Input\*
10. Cable Cutout
11. Wall Mounting Bracket
12. Cable Clamp
13. Power In
14. Floor Pad In\*
15. Cable Cutout

\*Varies depending on model

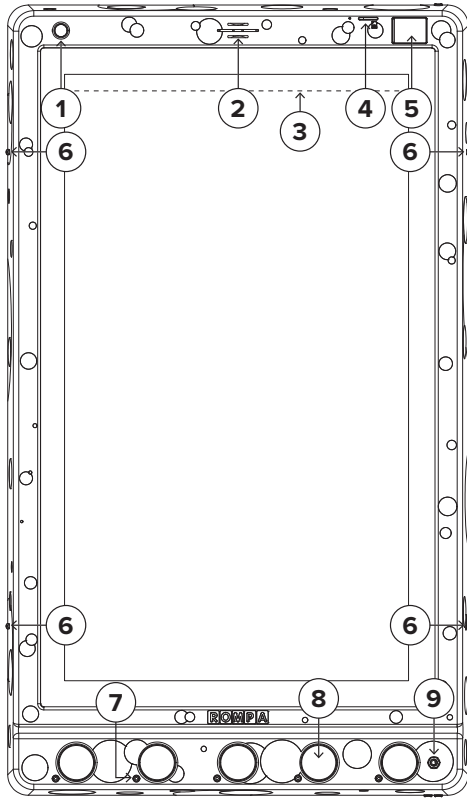
# INSTRUCTIONS

23607 DOUBLE BUBBLE BONANZA™

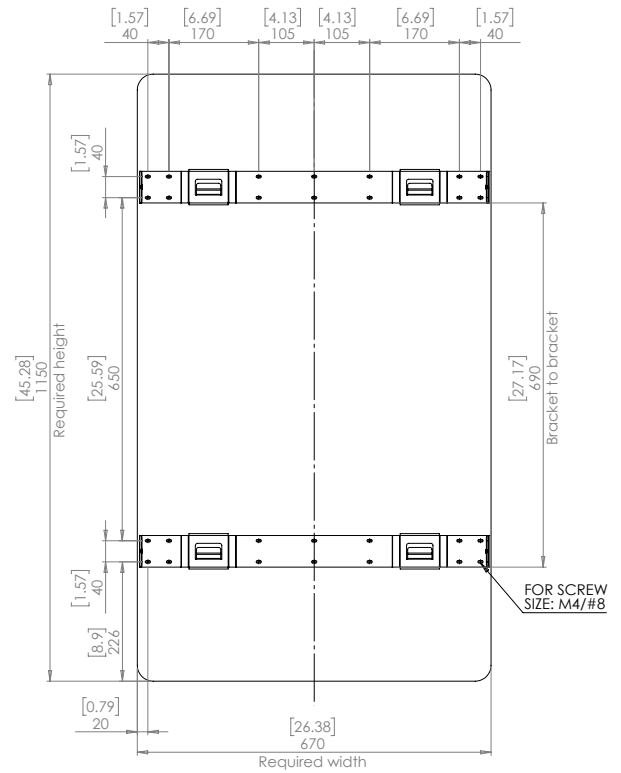


EN

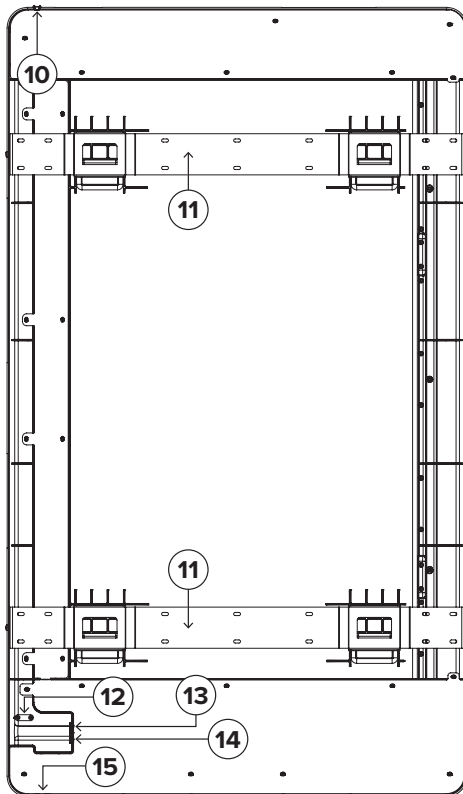
Panel Overview (Front)



Mounting Dimensions mm [in]



Panel Overview (Rear)

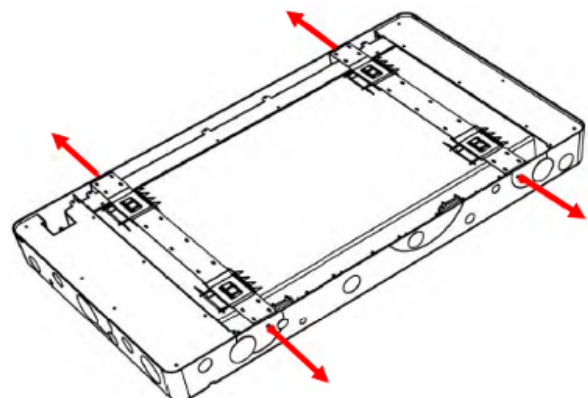


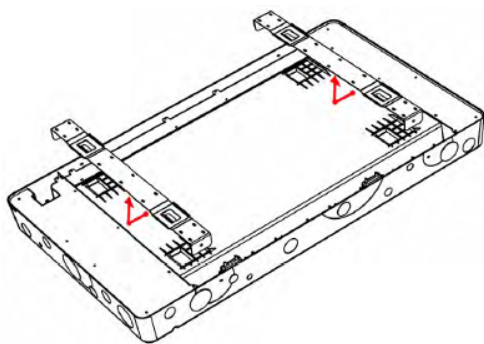
### Installing Wall Bracket & Panel

Ensure that after installation the mains plug and/or power switch for the panel is easily accessible to facilitate power removal. Due to the product's size, it is recommended that two people install it.

#### Recommended tools

- Drill
- Spirit level
- Pencil
- Tape measure
- Appropriate fixings (e.g., screws, wall plugs, etc.)





1. Prepare a soft, padded, level surface, such as a quilt or rug. Carefully lay the panel face down.
2. The wall brackets are secured from the factory to prevent damage during transit. Locate and remove the 4x M4 screws on the sides of the panel (as per the arrows above) securing the 2x brackets in place. Place the screws in a safe place, as they will be required later.
3. Remove both brackets from the panel by sliding them down and lifting them out. Place the brackets safely to one side, as they will be required later.
4. Unfold the paper mounting template. This 1:1 scale drawing is an accurate mounting guide. Position and affix it to the wall in the desired location, ensuring it is completely flat and level. If you use a tape, such as masking / painter's tape, please ensure it will not damage your wall. Once in place, this guide shows you where you will need to mount the brackets relative to the unit, and where you will need to drill into the wall. You can use it to mark the wall, or you can drill directly through the template. Once you have completed this task, we recommend that you carefully refold the paper template and retain it for future reference.
5. If you don't wish to use the paper template, the graphic on the previous page shows the exact measurements you will need.
6. When installing the Snoezelen® Double Bubble Bonanza™ panel, please do NOT block the bottom right of the panel as the valve for the panel is located here. This valve is used for both filling, draining and it is used to allow air to be released out of the valve, it is important this valve is accessible when the panel is mounted and fully installed on the wall.
7. Secure both brackets to the wall according to the marks on the paper template. Please note that fasteners are not supplied and must be purchased separately. Please ensure the correct fasteners are used dependant on the construction of the wall. Due to the wide range of wall construction types, we recommend consulting a skilled professional to identify the best type of fixing for each installation.
8. Clean the wall and brackets of any dust and debris which may have been created during mounting. They will be inaccessible once you move beyond this step.
9. With the panel still laying face down, plug in the power cable and any other controller cables, route them through the power cable clamp and power cable cut out. Tighten up the cable clamp to secure the cables.
10. With the help of an assistant, carefully lift the panel and locate it on the wall brackets. To do this, have the panel slightly higher than its final resting position. Ensure the trailing cables remain clear of any obstruction during the lift. When you feel the panel has located into the bracket, gradually lower the panel into position. Once correctly in position, the panel will hang from the brackets under its own weight. It will sit flush against the wall, and the brackets will now be fully

concealed. Check the cables are not caught up behind the panel.

11. Reinstall the 4x M4 screws into the mounting bracket holes on the sides of the unit, to prevent the panel being lifted off the brackets. It will now be firmly in place.
12. Plan your cable routing so as not to cause a hazard. It is advisable to conceal any cable to protect it from damage, e.g. using conduit. Consult a qualified electrician if you are unsure of best practice.
13. Your panel is now ready to be connected and switched on.
14. Please do NOT block the bottom right of the panel as the valve for the panel is located here. This valve is used for both filling and draining, and it is used to allow air to be released out of the valve.
15. After the panel has been securely mounted to a suitable wall with the mounts provided, please fill the panel following the filling instructions.

#### Double Bubble Bonanza™ Version 4 & 5 Power Supply Information

The Double Bubble Bonanza™ versions 4 (V4) and 5 (V5) come with two power supplies. The latest version of the Double Bubble panel is version 5. Please see the power supply information for both V4 and V5 of the panel below:

The Double Bubble Bonanza™ V4 & V5 comes with two power supplies.

#### 5V power supply

The 5V power supply powers the lights, sounds and touchscreen.

The 5V supply can be seen in the photo below:



#### 15V power supply

The 15V power supply powers the pumps for the panel. It can be seen below.



The Double Bubble Bonanza™ panel V4 and V5 is suitable for all markets.



The power supplies **must** be stored outside of the panel chassis. Do not position the power supply within the panel.

Please note that V1 - V3 cannot be used with the V4 or V5 power adapters. Only use the power supply provided with the panel.

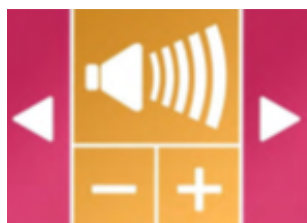
### Troubleshooting

#### One or both chambers do not produce bubbles

1. Select mode 2 on the touch screen.
2. Then press one of the two buttons at the bottom of the panel, for example, the green pattern button on the left-side of the panel.
3. The pump directly below the left chamber should then produce bubbles for the duration that the green activity button is pressed.
4. The same should be performed on the right-side of the panel with the white colour changing button. Press and hold the button to activate the bubbles.
5. Now press both buttons together. If both sides of the panel produce bubbles for the duration of the button presses, the pumps are working as intended.
6. If bubbles are not produced in one or both chambers when pressing each push buttons below each chamber, please contact Rompa® Customer Services.

#### No Sound or Low Volume

- Ensure volume is on and turned up to a sufficient level via the touch screen.
- To do this press the arrows on the touch screen to navigate to the sound menu, select the '+' icon to increase the volume.
- The speaker icon is turned all the way up when the icon looks the same as it is seen below:



- If this still does improve there being no sound or the sound not being loud enough, try the following steps:
- Turn the panel off and wait 10 seconds.
- Turn the panel back on.

This will reset the panel settings and revert the sound to volume 2 and Sound Effects set to on.

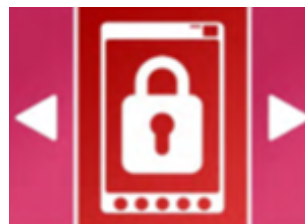
#### Frozen or Unresponsive

- Turn the panel off and wait 10 seconds.
- Turn the panel back on. This will reset the panel and revert the 1st mode shown on Touch Screen.

#### Push Button(s) Unresponsive

Ensure panel buttons are not locked via the touch screen.

To do this press the arrows on the touch screen until you are on the panel lock menu:



- Pressing the red lock button will lock and unlock the illuminated push buttons.
- When locked (as seen in the image above) the push buttons will dim and be unresponsive.

#### External Switch Unresponsive

- Ensure the switch inlet is clear of any dust or debris.
- Ensure the switch is fully inserted into the inlet.
- Ensure panel buttons are not locked via the touch screen.
- Turn the panel off and wait 10 seconds.
- Turn the panel back on. This will reset the panel settings and revert the panel buttons to unlock.

#### No Power

- Ensure the mains power is disconnected from the panel before then checking the power cable that is connected into the bottom of the panel is fully inserted into the panel.
- Then turn the mains back on.
- If the power lead is securely in place and there is still no power to the panel, then ensure that the plug fuse has not blown and replace if required.

If troubleshooting does not solve the issue, please contact Rompa® Customer Services. +44 (0) 1246 211 777

#### Modes Overview

The mode controls how the panel behaves. The Double Bubble Bonanza™ Panel has 3 modes which can be selected via the touchscreen and an additional mode when one or two microphones are plugged into the ¼"/6.35mm microphone input.

#### Mode 1: Interactive

Allows users to cycle through 3 different patterns using the green pattern button on the panel.

Patterns include both pumps activated simultaneously, both off, and alternating one on/one off.

When a pattern is selected the panel will remain set on that pattern unless the pattern button is pressed again or another compatible product is used to change the pattern.

The right-hand side colour button changes the panel's colour.

When in mode 1 and selecting a colour via the colour button on the panel, the colour will remain persistent unless it is changed by pressing the colour button again or by using another compatible product to change the panels colour.

#### Mode 2: Creative Mode

Control bubbles in each chamber using two push buttons. Pressing the left button activates bubbles in the left chamber, and pressing the right button activates bubbles in the right chamber.

Bubbles are triggered by pressing or holding each button below each chamber. Upon releasing the button below each chamber, the specific chamber will stop producing bubbles.

Mode 2 is a passive colour mode, meaning when the panel is in mode 2 the colours will cycle automatically, and the colours cannot be changed directly on the panel using the colours push buttons on the panel.

With a compatible product that supports colour control of our products such as the Deluxe 8-button or Simple 8-button controller—you can adjust the Double Bubble Bonanza™ panel colours while it is set to Mode 2.

For example, when pressing the red button on a Deluxe 8-button controller when the Double Bubble Bonanza™ panel is on mode 2, the panel will change to the colour selected on the controller for one minute, and then after this the panel will go back to cycling through the colours as normal.

### Mode 3: Music and Sound Effects Mode

Combines music and sound effects with each pattern for a stimulating multi-sensory experience. Functions similarly to Mode 1 but includes synchronised audio enhancements.

Pressing the pattern button will alternative between the patterns and sound effects available.

When a pattern is selected the panel will remain set on that pattern unless the pattern button is pressed again or another compatible product is used to change the pattern.

On each button press of the colour button the panel will change to each available colour while maintaining the pattern and sound effect currently playing.

When selecting a colour via the colour button on the panel, the colour will remain persistent unless it is changed by pressing the colour button again or by using another compatible product.

### Microphone Mode

This mode cannot be accessed via the touch screen. To access this mode, plug a microphone into the ¼"/6.35mm microphone input on the front of the panel. The panel will automatically change to microphone mode once a microphone has been detected. The mode and brightness of the panel cannot be adjusted via the touchscreen whilst a microphone is plugged in.

The brightness of the panel is controlled by the volume of sounds made. The louder the sound the brighter the panel will go. The panel also detects sounds via its on-board microphone, so sounds do not have to be made directly into the microphone. This allows multiple users to play simultaneously.

### Touch Screen

The touch screen is intended for the supervisor of the session, not the primary user of the panel. The touch screen allows you to control in detail how the panel behaves, as well as view statistics of panel usage.

When you turn on the panel, the settings will always revert to their defaults. These default settings are as follows:

#### Mode 1: Interactive

- Volume: 2
- Touch Screen Brightness: 100%
- Panel Brightness: 100%
- Sound Effects: On
- Wi-Fi: On

- Lock: Off

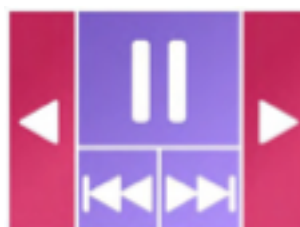
**Please note that any settings you configure differently from the defaults outlined will reset to those defaults when the panel is powered off and on again.**



#### Mode

Press the light blue mode button to cycle through the modes of the panel.

Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.



#### Media\*

Press the 'play/ pause' button to play or pause music. Press the 'skip forward' to play the next track or 'skip back' to play the previous.

Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.

\* This functionality is only available when an SD card has been inserted in the panel's SD card slot.



#### Volume

Pressing the '+' will increase the volume and pressing '-' will reduce the volume.

Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.



**Sound Effects**

Sound effect refers to the sounds made when the user activates the illuminated push buttons. Press the musical note symbol to disable sound effects and press it again to enable sound effects.

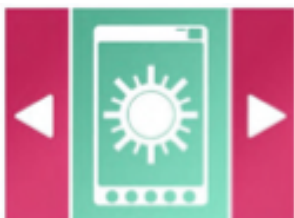
Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.



**Touch Screen Brightness**

Pressing the icon on this screen will cycle the panel through 3 levels of brightness on the touchscreen. You can increase or decrease the touchscreen backlighting using this screen. This does not change the brightness of the LEDs in the body of the panel. Please see the panel brightness screen for adjusting panel LED brightness.

Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.



**Panel Brightness**

Pressing the icon on this screen will cycle the LEDs in the body of the panel through 6 different brightness settings. This is different from changing the touchscreen brightness, as this setting only adjusts the brightness of the LEDs that create the effects.

Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.



**Lock**

Pressing the red lock button will lock and unlock the illuminated push buttons. Press the panel icon to lock the buttons. When locked the push buttons will dim and be unresponsive. Press the panel icon again to unlock the buttons, you will then be able to use the push buttons on the panel.

Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.



**Wireless**

Pressing the purple wireless button will toggle the panel wireless on or off. Press the wireless icon to turn the wireless capability on or off. With wireless turned on the panel will respond to other Rompa® compatible wireless products. With wireless turned off the panel will ignore Rompa® compatible wireless products.

Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.



**Stats**

Pressing the blue stats button will open the stats screen.

From the stats screen you can see in real time the amount of button presses that have been made on the panel and the duration the panel has been used for.

To return to the main menu press the Red backward button. Powering off the panel will reset the previously recorded stats.



Press the forward or back arrows either side of the centre of the touchscreen to cycle through the other menu options.

**Illuminated Push Buttons**

The Double Bubble Bonanza™ Panel has 2 illuminated push buttons so the user can control the visual and audio effects the panel produces.

When pressed each button will flash and a unique sound effect will be triggered. Sound effects can be turned off via the touch screen. Illuminated buttons can also be locked via the touch screen if required. If the buttons are locked the brightness of the illuminated buttons is reduced.



### Pattern

Select from 3 pattern options using the 'Pattern' button or an external switch:

- No Pattern – No set pattern.
- Bubble Burst – Bursts of bubbles.
- Alternate Bubble Burst – Each chamber is alternatively filled with bubbles.



### Colour

The panel has 14 colours which can be selected via the 'Colour' illuminated push button or an external switch plugged into the 'Colour' ¼"/6.35mm input jack.

### External Switches

The panel has 2 external switch inputs each located underneath their associated illuminated push button. To connect the external switch simply plug into the ¼"/6.35mm jack and remove when finished (external switches without a ¼"/6.35mm jack may need an adapter fitting).

### Microphone Input

The panel has 1 microphone input. To use a microphone with the panel simply plug a microphone into the ¼"/6.35mm jack located in the bottom right of the panel. When the microphone is inserted, the panel will automatically detect its presence and turn to 'Microphone Mode'. The panel also acts as a karaoke and sounds spoken through the microphone can be heard through the integrated speaker. Simply remove the microphone from the panel when finished and the panel will automatically revert back to its previous mode.

### Rompa® Wireless Operation

Double Bubble Bonanza™ Panel is compatible with a range of Rompa® wireless products, see Compatible Rompa® Products listed earlier in this manual.

### 8 Colour Wirefree Controller: Deluxe 8 Colour Wirefree Controller (19847) & 8 Colour Wirefree Switch (21006)

When pressing the different colour buttons on either the Deluxe or Simple Wirefree switch the Double Bubble Bonanza™ panel will change to the colour that has been selected on the switch. The panel will remain on the

selected colour for one minute if there has been no further colour selected. After one minute of receiving a colour change the panel will revert to the colour previously set on the panel. This could be a solid persistent colour or automatic colour cycling, depending on the specific mode the panel is currently on.

Pressing the central 'function button' on both the Deluxe 8 Colour Wirefree Controller & 8 Colour Wirefree Switch produces the same response from the panel as pressing the pattern button directly on the panel. Pressing the function button located in the centre of the 8-button switch multiple times on a Rompa® 8-button wireless controller allows the user to cycle through all available patterns.