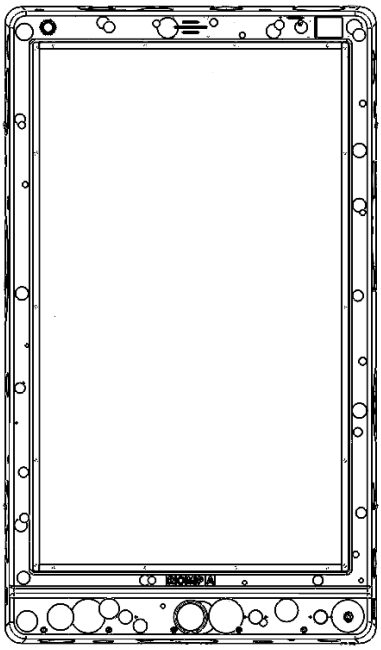
ROMPA®
Life Changing Sensory Solutions For All

snoezelen®

INSTRUCTION MANUAL

EN-US



SNOEZELEN® SOUND TO SIGHT SHOWTIME™ SENSORY ROOM WALL PANEL

24512

01.

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ABOUT THE PRODUCT

Product Description

Sounds are turned into dazzling shows of light, colour and movement. The panel responds to both changes in pitch and volume to create an everchanging sensory experience.
Engaging, interactive and rewarding. Encourages learning, exploration and fosters a feeling of empowerment.
Why not try whistling, humming or clapping?

User Benefits

This activity promotes engagement and interaction, encouraging participants to develop social skills and enjoy collaborative play. It enhances memory skills by challenging players to remember and match items, boosting cognitive function. The task also improves hand-eye coordination as participants need to precisely handle objects, refining their motor skills. Additionally, it supports colour recognition, helping individuals identify and differentiate various hues, which is essential for visual development. Lastly, it introduces the concept of cause and effect, allowing players to understand how their actions lead to specific outcomes, thereby fostering critical thinking and problem-solving abilities.

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™ Panel
21918 Wi-Fi Override Transmitter
21728 Wi-Fi App Control Box

TECHNICAL SPECIFICATION

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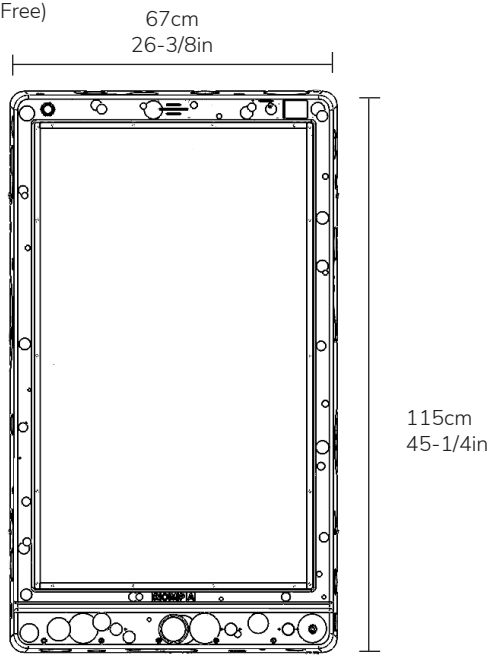
Included Parts

1x Sound to Sight Showtime™ Panel
2x Wall Mounting Bracket
4x M4 Screws
1x UK Mains Lead
1x US Mains Lead
1x EU Mains Lead
1x Mounting Template (for use during installation)

Technical Specification

Weight:	13.5kg 30lbs
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
Material:	ABS (Phthalate-Free)



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SAFETY AND CARE

Product Safety and Care Instructions

Operation

- The Panel must always be used under supervision.
- Do not strike the panel. The panel is built robustly, but intentional misuse will shorten it's lifespan.
- Do not open, dismantle, or attempt to repair the panel yourself. This 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 its 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 screen.
- Rompa® recommends using a soft microfibre cloth for cleaning and dusting. Doing so optimises the finish and will prevent scratches onto the screen.
- Slightl 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 this 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.

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ASSEMBLY & INSTALLATION GUIDE

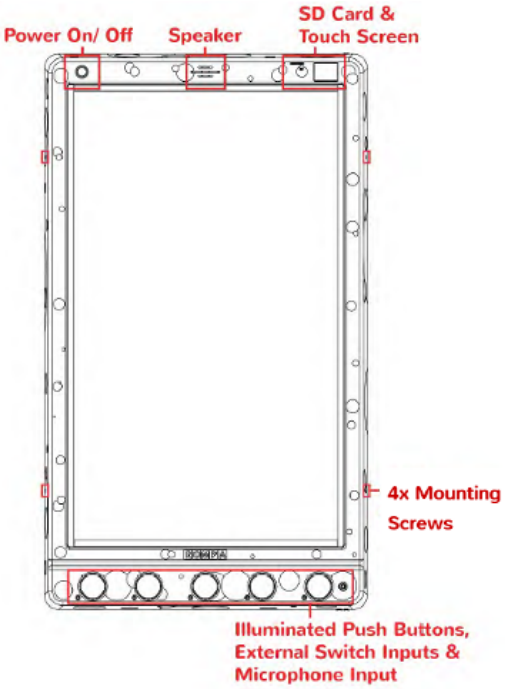
Installing Wall Bracket & Panel

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

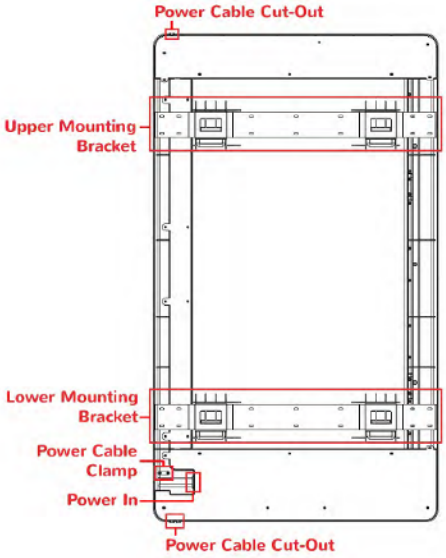
Recommended tools

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

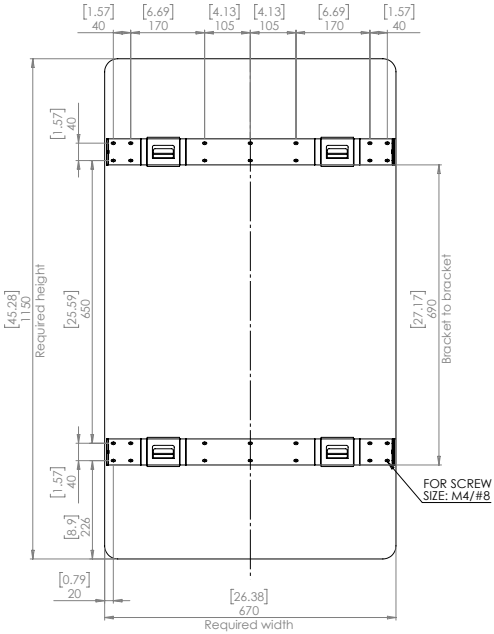
Panel Overview (Front)

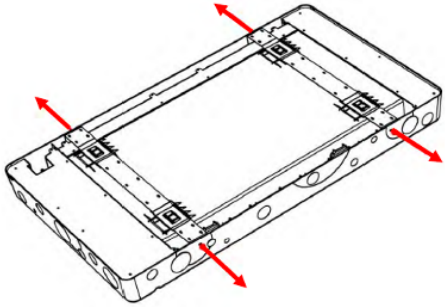


Panel Overview (Rear)



Mounting Dimensions mm [in]

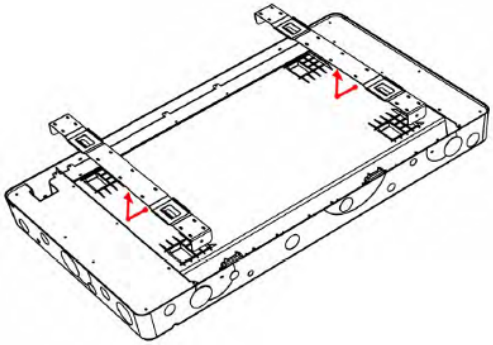




1. Prepare a soft, padded, level surface, such as a quilt or rug. Carefully lay the panel face down.

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.

   If you don't wish to use the paper template, the graphic on the previous page shows the exact measurements you will need.

5. Secure both brackets to the wall according to the 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. Plan your cable routing so as not to cause a hazard. It is advisable to conceal any cable to protect it from damage, eg. using conduit. Consult a qualified electrician if you are unsure of best practice.

11. Your panel is now ready to be connected and switched on.

Troubleshooting

No Sound or Low Volume

- Ensure volume is on and turned up to a sufficient level via the touch screen.
- To do this press use 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:

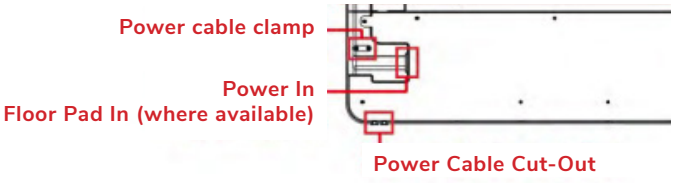
- Pressing the red lock button will lock and unlock the illuminated push buttons.
- When locked (as seen in the image above) the push buttons will dim and be unresponsive.

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 IEC power cable (kettle lead) is connected into the bottom of the panel and is fully inserted into the panel.
- Then turn the mains back on.
- If the IEC cable is securely in place and there is still no power to the panel, then ensure that the plugs fuse has not blown and replace if required.
- The IEC power cable plugs into the panel as illustrated by the line with the Power In (and on selected products, Floor Pad In) text next to it:



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

USER GUIDE

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Modes

The mode controls how the panel behaves. The Sound to Sight Showtime™ 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: Amplitude and Frequency

The panel reacts to both the amplitude and frequency of a sound. Why not play a song with the built in mp3 and watch the panel dance to the music.

Mode 2: Amplitude

The panel reacts only to the amplitude of a sound (whether the sound is loud or quiet). Great for cause and effect as a clap or loud sound will fill the panel with colour.

Mode 3: Frequency

The panel reacts only to the frequency of a sound (whether the sound is high or low pitched). Why not try and fill certain areas of the panel practicing with different sounds or instruments.

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. The panel will automatically change to microphone mode once a microphone has been detected.

The panel works as normal however sound is detected through the external microphone/s and not from the integrated microphone in the panel.

When there are two microphones plugged in the 'Ladder Pattern' has two 'Ladders' instead of one. Each of the 'Ladders' is controlled by each microphone respectively. This allows users to race or do a call and response game.

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.

Upon booting the panel up it will revert to its default settings:

Mode 1: Interactive
Volume: 2
Touch Screen Brightness: 100%
Panel Brightness: 100%
Sound Effects: On
WiFi: On
Lock: Off

Mode

Press the light blue mode button to cycle through the modes of the panel.
Press the red forward or back buttons 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 red forward or back buttons to cycle through the other menu options.
*This functionality may only be available when an SD card has been inserted.

Volume

Pressing the ‘+’ will increase the volume and pressing ‘-‘ will reduce the volume.
Press the red forward or back buttons to cycle through the other menu options.

Sound Effects

Pressing the light green sound effect button will cycle the sound effects on or off. Sound effect refers to the sounds made when the user activates the illuminated push buttons.
Press the red forward or back buttons to cycle through the other menu options.

Touch Screen Brightness

Pressing the light Yellow screen brightness button will cycle the panel through 6 levels of brightness.
Press the red forward or back buttons to cycle through the other menu options.

Panel Brightness

Pressing the Turquoise touch screen brightness button will cycle the touch screen through 3 levels of brightness.
Press the red forward or back buttons to cycle through the other menu options.

Lock

Pressing the red lock button will lock and unlock the illuminated push buttons. When locked the push buttons will dim and be unresponsive.
Press the red forward or back buttons to cycle through the other menu options.

Wireless

Pressing the purple wireless button will cycle the panel wireless on or off. With wireless turned on the panel will respond to other Rompa® compatible wireless products. With wireless turned off it will ignore Rompa® compatible wireless products.
Press the red forward or back buttons 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

Press the red forward or back buttons to cycle through the other menu options.

Illuminated Push Buttons

The Sound to Sight Showtime™ panel has 3 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. The brightness of the illuminated buttons is reduced and the buttons are unresponsive when locked.

Pattern

The panel has 8 patterns which can be selected via the ‘Pattern’ illuminated push button or an external switch plugged into the ‘Pattern’ input jack.

Sound Effect

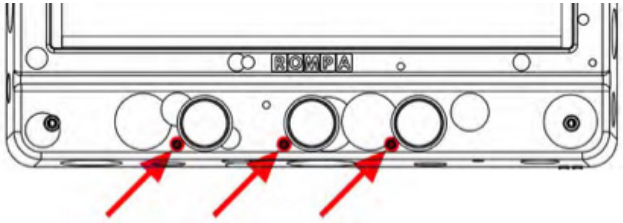
The panel has 10 unique sound effects which can be played by pressing the ‘Sound Effect’ illuminated push button or an external switch plugged into the ‘Sound effect’ input jack. This is an alternate way to interact with the panel for non-vocal users.

Colour

The panel has 11 colours which can be selected via the ‘Colour’ illuminated push button or an external switch plugged into the ‘Colour’ input jack.

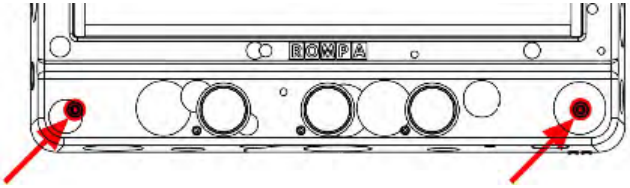
External Switches

The panel has 3 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 2 microphone inputs. To use a microphone with the panel simply plug a microphone into one of the ¼"/6.35mm jack located in the bottom left and bottom right of the panel. When a 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(s) from the panel when finished and the panel will automatically revert back to its previous mode.



Patterns, Sound Effects and Colours

Patterns

When selecting a pattern a pre-animation is displayed so you know which pattern is selected and what to expect when using it.

1. Equaliser Vertical – Solid Bar

Vertical bars of light move up and down the panel in response to sounds detected.

2. Equaliser Horizontal – Single Block

In each row of the panel a single block of light travels left to right in response to sounds detected.

3. Equaliser Alternate Sides – Solid Bar

Like 'Equaliser Vertical – Solid Bar' however the direction of travel is reversed with each column. Half the bars travel up when a sound is detected and the other half travel downwards.

4. Equaliser Mirrored – Single Block

A single block of light moves up and down the panel in response to sounds detected in the bottom half of the panel. This pattern is mirrored in the top half of the panel.

5. Sound Ladder

A row or rung of the ladder is illuminated each time a sound is detected. When all the rungs are illuminated an auditory and visual reward is given and the pattern resets.

6. Plugging in two microphones will create two sound ladders each of which can be controlled their associated microphone. This allows for users to race of play call and repeat games. This mode is not frequency dependant and will respond in the same way regardless of mode.

7. Random Sound Fill Detected

When the screen is completely illuminated an auditory and visual reward is given. The blocks then fade out and the pattern resets.
This mode is not frequency dependant and will respond in the same way regardless of mode.

8. Scattered Light Show

The panel performs a scattered light show of different colours. The Brightness of the pattern is dictated by the amplitude of the sounds detected by the panel.

9. Random Light Show

The panel performs a light show cycling through 5 pre-set patterns (Inward Spiral, Outward Spiral, Random Fill, Vertical Fill and Horizontal Fill). The Brightness of the pattern is dictated by the amplitude of the sounds detected by the panel.
This mode is not frequency dependant and will respond in the same way regardless of mode.

Sound Effects

1. Cartoon Twisting
2. Referee Whistle
3. Cartoon Jump
4. Power Down
5. Knock
6. Arpeggio
7. Harp
8. Organ
9. Clapping
10. Bubbles

Colour

1. Multi-Coloured (LEDs are multi-coloured)
2. All Colours Soft Fade (LEDs transition through colours)

3. All Colours Hard Fade (LEDs hard transition through colours)
4. Red
5. Green
6. Blue
7. Yellow
8. Orange
9. Pink
10. Purple
11. White

Rompa® Wireless Operation
The Sound to Sight Showtime™ is compatible with a range of Rompa® wireless products (see Compatible Rompa® Products):

8 Colour Wirefree Controller: Simple and Deluxe
Pressing the colour buttons turns the panel to the corresponding colour selected. The panel will remain this colour unless a new colour is selected via the panel or a Rompa® wireless controller or the panel is in a passive mode where it continue cycling through colours and patterns after 60 seconds.

Pressing the central 'function button' acts as pressing the pattern button on the panel. Pressing the function button multiple times allows the user to cycle through all 8 of the panel's patterns.

Other Wireless Products
Selecting a colour changes all the LEDs in array to the corresponding colour selected. The panel will remain this colour unless a new colour is selected via the panel or a Rompa® wireless controller or the panel is in a passive mode where it continue cycling through colours and patterns after 60 seconds.

NOTES

07.

snoezelen®

ROMPA®

Life Changing Sensory Solutions For All

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