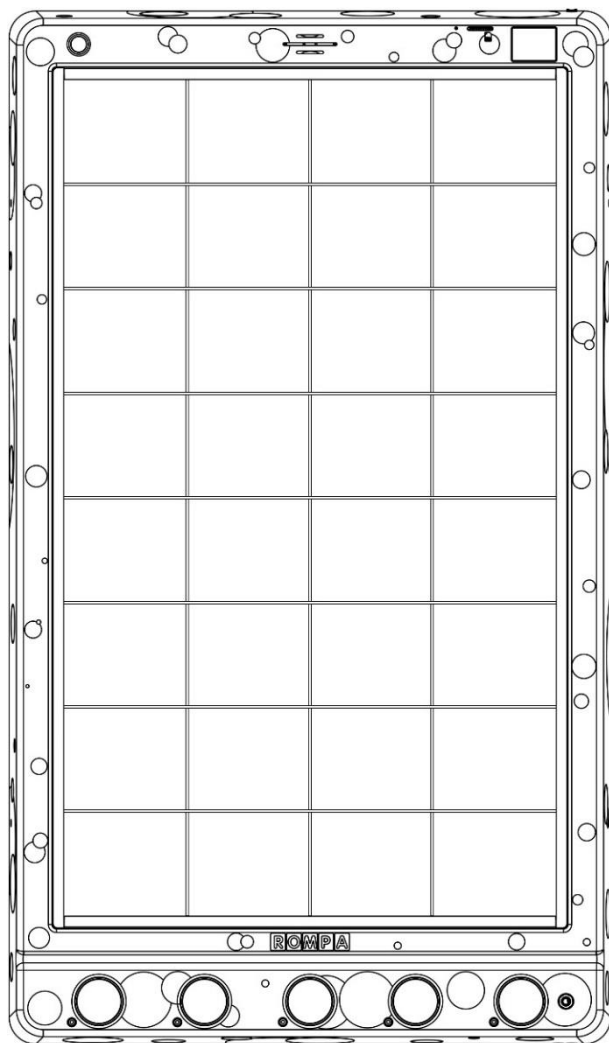


# Colour Catch Combo™

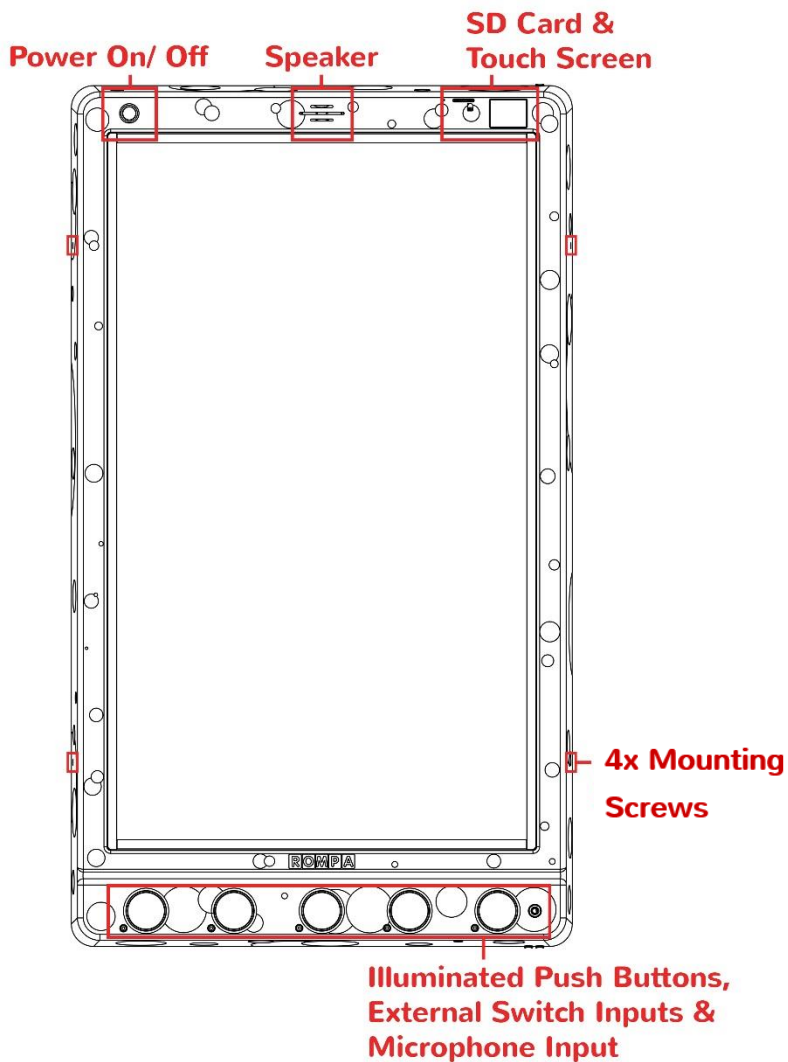
## Instruction Manual



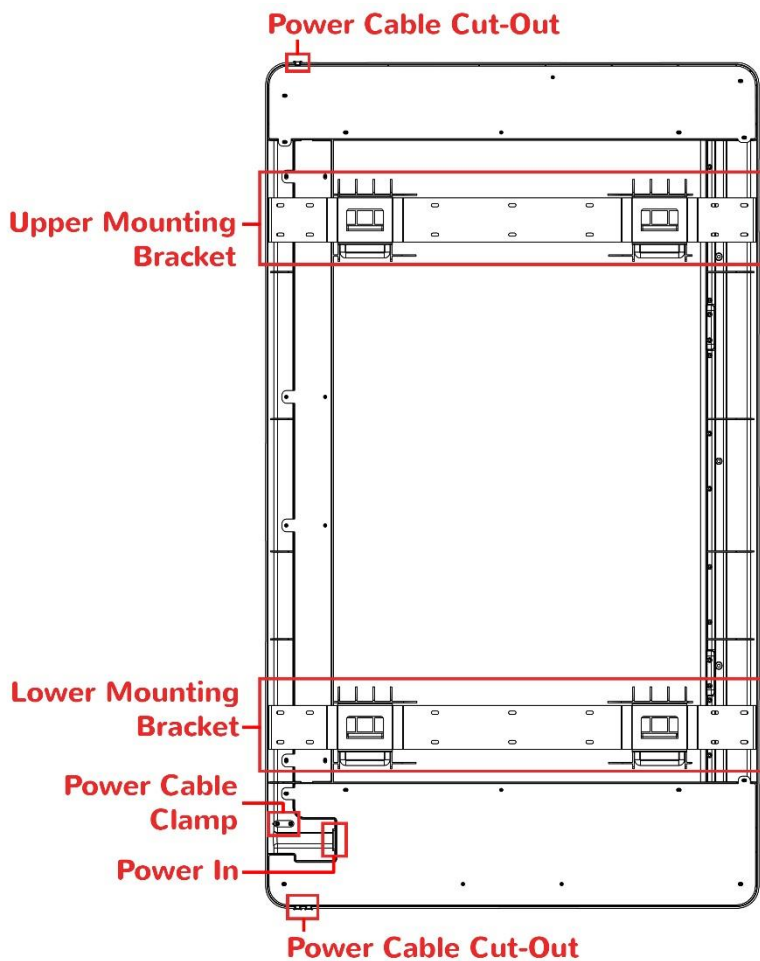
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## Panel Overview (front)



## Panel Overview (back)



## Colour

The Panel is available in 6 colours:

Black, Blue, Cream, Green, Red, and White

## Description

Includes 5 colour based games designed to improve memory, colour recognition, motor skills, using microphone but most of all to be great fun!

The panel fills with colour and light during use and provides exciting visual and auditory rewards for taking part. Matching is an important foundation skill for language and mathematical concepts, whilst being an activity enjoyed by all ages.

## Technical Specification

### Standard Version

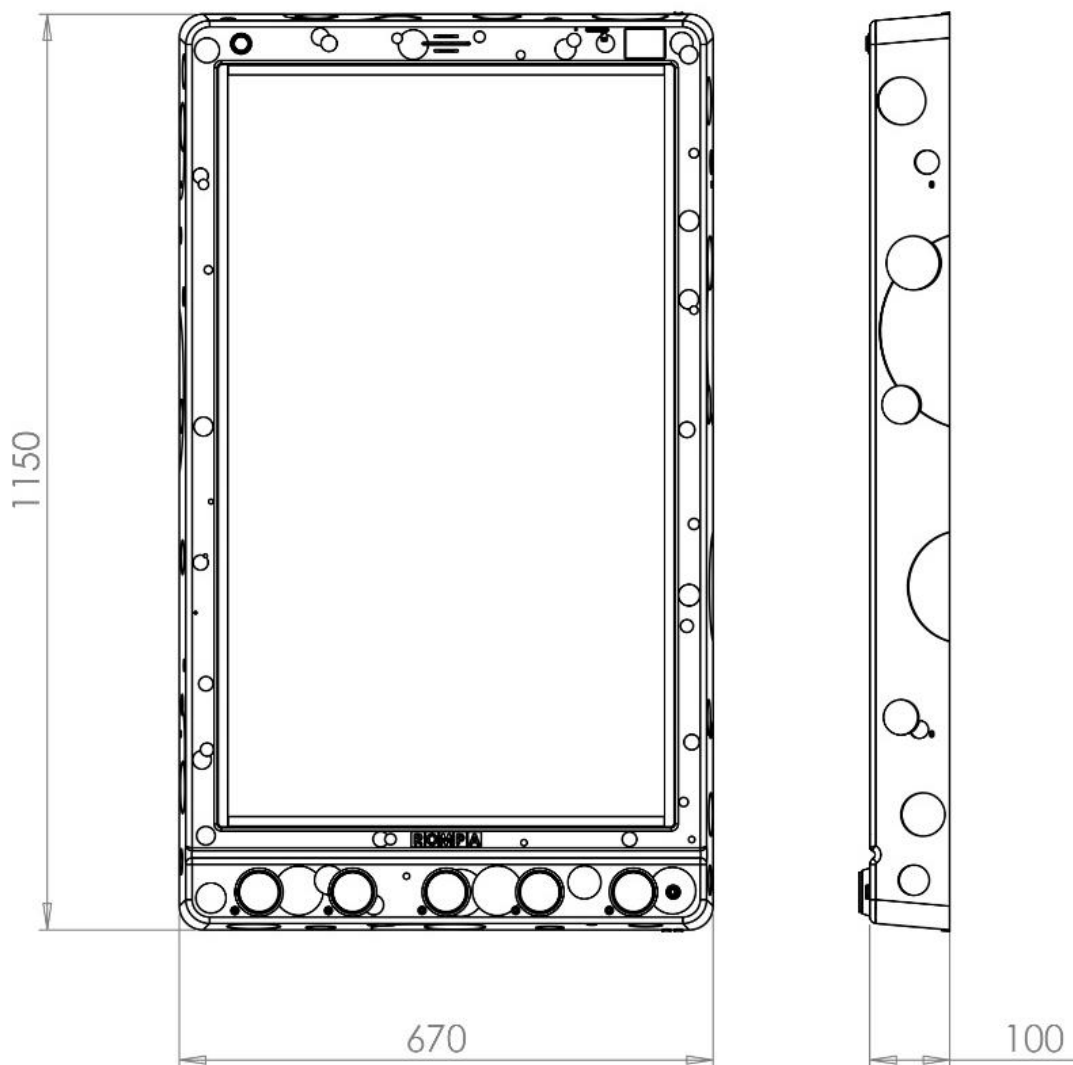
Weight:	13kg
Input:	100-240V 50/60Hz
Output:	5V DC 6A (Internal PSU)
Material:	ABS (Phthalate-Free)

### US/Canadian Version

Weight:	13kg
Input:	100-240V 50/60Hz
Output:	5V DC 8A (External PSU)
Material:	ABS (Phthalate-Free)

# Dimensions

*(All dimensions in mm)*



## Contents

- 1x Colour Catch Combo™
- 2x Wall Mounting Bracket
- 4x M4 Screws (screwed on sides)
- 1x UK Mains Lead (Standard version ONLY)
- 1x US Mains Lead
- 1x EU Mains Lead (Standard version ONLY)

## Compatible Rompa® Products

- 20848 Sensory Magic®
- 21098 Sensory Magic Portable®
- 19847 Deluxe 8 Colour Wirefree Controller
- 21006 8 Colour Wirefree Switch
- 19939 WiFi Interactive Mat Switch Set
- 18870 Talking Cube
- 20402 Mini Talking Cube
- 21917 WiFi Microphone
- 22871 Colour Command Centre™
- 21918 WiFi Override Transmitter
- 21728 Rompa® WiFi App Control Box
- 22716 Rompa® WiFi Colour Control Bumpas – set of 8
- 22867 Wireless Colour Controller Cushion Wall Mat

# Operation

## Modes

The mode dictates how the panel behaves. The Colour Catch Combo™ has 4 modes which can be selected via the touch screen and an additional mode when a microphone is plugged into the ¼"/6.35mm microphone input:

### Mode 1: Colour Fill

The user can fill the panel with colours of their choice. Pressing any of the coloured illuminated push buttons will illuminate a random sized square of the panel's screen in the colour selected. Once the panel is filled an auditory reward is triggered.

### Mode 2: Basic Colour Match

To start a game press any of the illuminated push buttons. A 3 second auditory countdown will begin.

The panel will illuminate a random number of squares in a random selection of colours (based on difficulty). The user must press the corresponding coloured illuminated push buttons to extinguish the coloured squares on the screen to score points.

The user has to score a certain number of points to be awarded more time. The game finishes when the time runs out and an auditory reward will be triggered. The users score is displayed on the LCD screen when finishes. The panel records the high score for the session (this is reset when the panel is turned off).

### Mode 3: Memory Match

To start a game press any of the illuminated push buttons. A 3 second auditory countdown will begin.



The panel will illuminate a random number of squares in a random selection of colours (based on difficulty). The squares will then extinguish and the user will have to press the corresponding coloured illuminated push buttons from memory (this may require the user to press the same coloured push button more than once).

The user has to score a certain number of points to be awarded more time. The game finishes when the time runs out and an auditory reward will be triggered. The user's score is displayed on the LCD screen when the game finishes. The panel records the high score for the session (this is reset when the panel is turned off).

## **Mode 4: Falling Colour Match**

To start a game press any of the illuminated push buttons. A 3 second auditory countdown will begin.

Random coloured squares starting at the top of the panel will travel towards the bottom of the panel. To score the user has to press the corresponding coloured illuminated push buttons before the square reaches the bottom of the panel. As the game progresses more squares will begin to fall and the speed at which they fall will increase.

The game finishes when a square reaches the bottom of the panel. An auditory reward is triggered and the user's score is displayed on the LCD screen when the game finishes. The panel records the high score for the session (this is reset when the panel is turned off).

## **Microphone Mode: Snap**

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 mode and brightness of the panel cannot be adjusted via the touchscreen whilst a microphone is plugged in.

The panel will display two colours. The size, location and the speed at which the colours change will depend on the difficulty selected. When the two colours on the screen match the user has to make a sound or say 'snap'. If the panel detects a sound when the colours are matching it rewards a point.

The game finishes when the time runs out and an auditory reward will be triggered. The users score is displayed on the LCD screen when finished. The panel records the high score for the session (this is reset when the panel is turned off).

# 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: Colour Fill

Volume: 2

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.

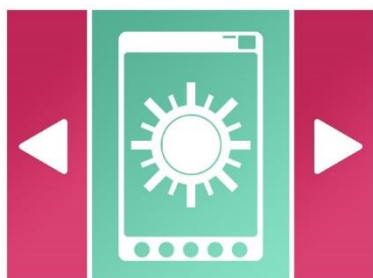
Press the red forward or back buttons to cycle through the other menu options.



### Touch Screen Brightness

Pressing the yellow screen brightness button will cycle the panel through 6 levels of brightness to 100%.

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



### Panel Brightness

Pressing the turquoise screen brightness button will cycle the touch screen through 3 levels of brightness to 100%.

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 turn 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.

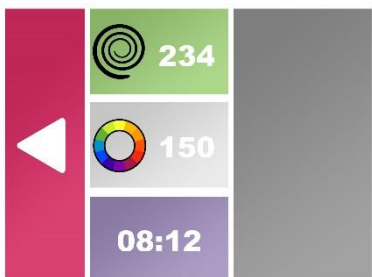
Press the red forward or back buttons to cycle through the other menu options.



## 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 back button.

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

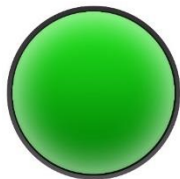
# Illuminated Push Buttons

The Colour Catch Combo™ has 5 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.



Red

Select Red via the 'Red' illuminated push button or an external switch plugged into the 'Red' input jack.



Green

Select Green via the 'Green' illuminated push button or an external switch plugged into the 'Green' input jack.



White

Select White via the 'White' illuminated push button or an external switch plugged into the 'White' input jack.



Blue

Select Blue via the 'Blue' illuminated push button or an external switch plugged into the 'Blue' input jack.

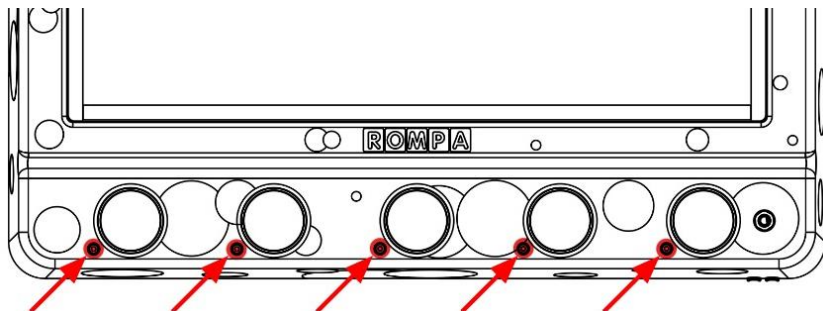


Yellow

Select Yellow via the 'Yellow' illuminated push button or an external switch plugged into the 'Yellow' input jack.

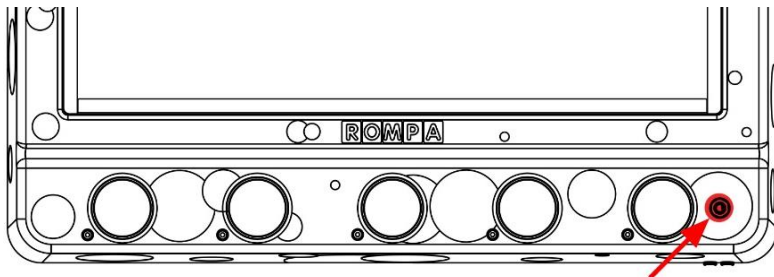
## External Switches

The panel has 5 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

The Colour Catch Combo™ is compatible with a range of Rompa® wireless products (see Compatible Rompa® Products on page 7):

## 8 Colour Wirefree Controller: Simple and Deluxe

Pressing the colour buttons turns the all the panel screen to the corresponding colour selected. The panel will remain this colour unless a new colour is selected via a wireless controller or a button on the panel is pressed to return the panel to its previous mode.

Pressing the central 'function button' turns the panel screen multi-coloured. The panel will remain this colour unless a new colour is selected via the panel or a button on the panel is pressed to return the panel to its previous mode.

## Other Wireless Products

Selecting a colour turns the all the panel the corresponding colour selected. The panel will remain this colour unless a new colour is selected via a wireless controller or a button on the panel is pressed to return the panel to its previous mode.



# Installation

## Installing Wall Mount Brackets & 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 it is installed by two people.

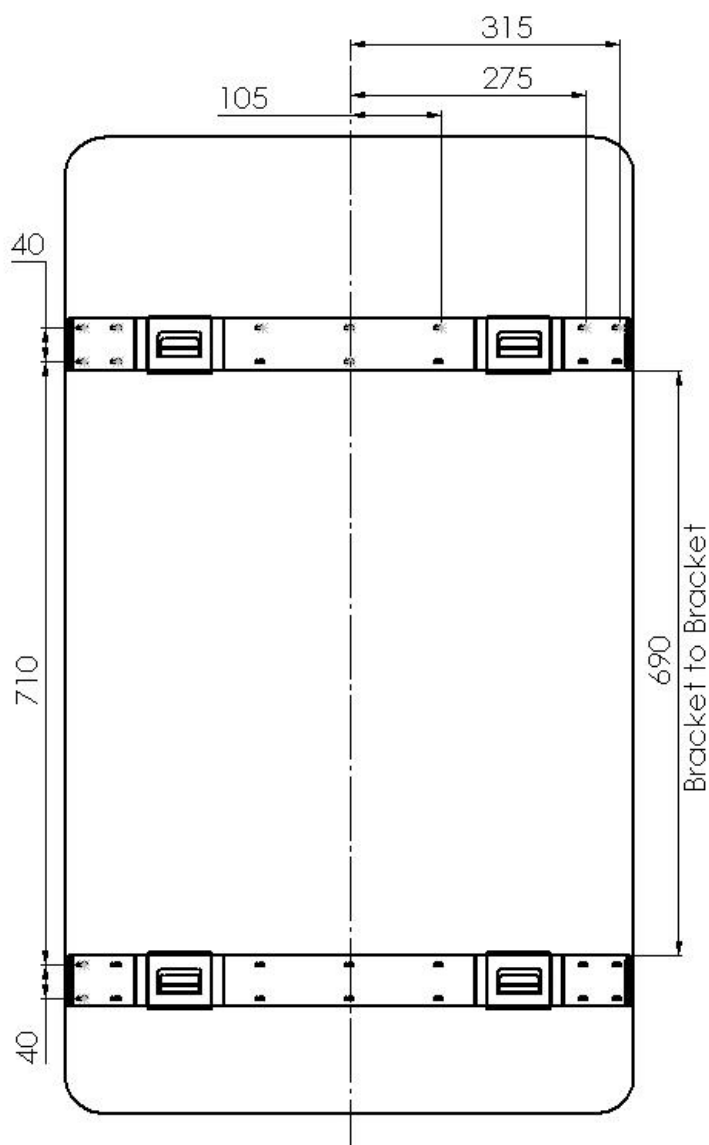
ROMPA have included a handy panel mounting template for ease of marking and fixing your panel.

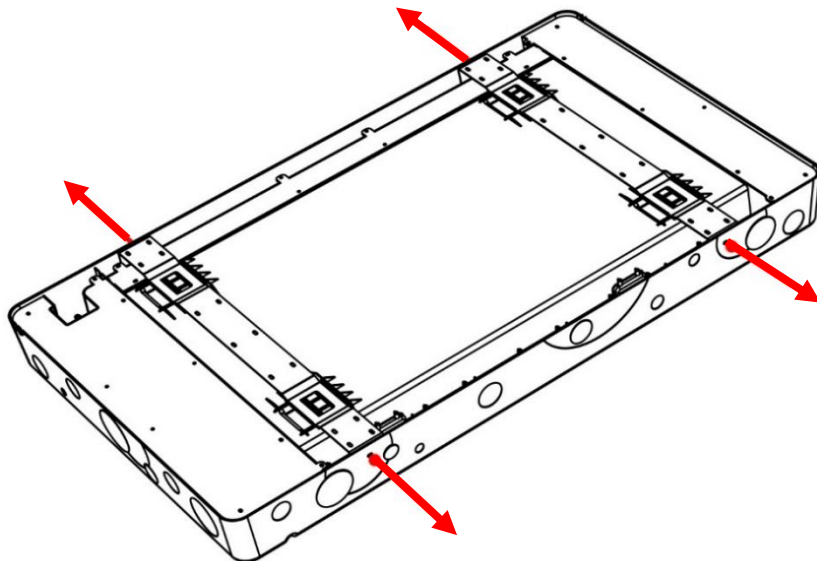
### Recommended Tools

- Drill
- Spirit Level
- Pencil
- Tape Measure
- Appropriate Fixings (e.g. Wall Plugs, etc)

*(All dimensions in mm)*

**MAX screws in total per bracket: 14**



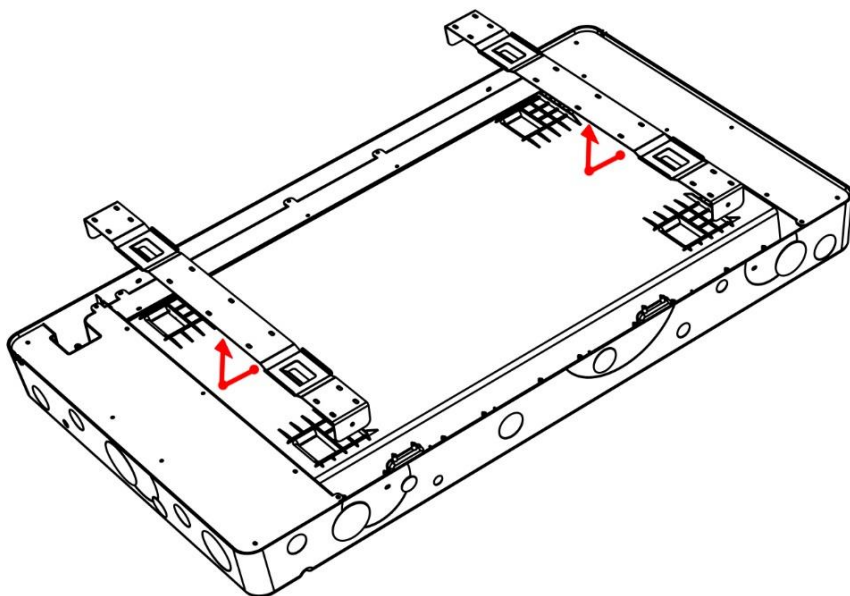


1. Unscrew the 4x M4 screws which secure the 2x brackets to the panels. The brackets are secured to avoid any damage during transit.

Be sure to place the 4x M4 screws in a safe place as they will be required later.

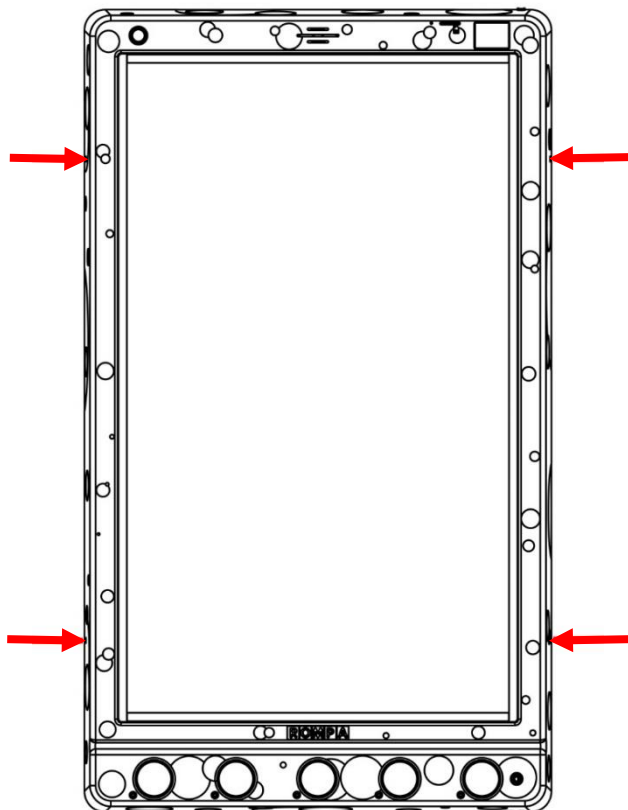
2. Remove the brackets from the panel by sliding the bracket down and then lift them out of panel.

Place the brackets safely to one side as they will be required later.



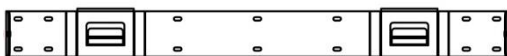
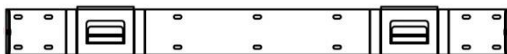
3. Hold the panel where you would like it to be mounted ensuring it is level. Whilst in position mark where the centre of the bracket mounting holes are on the wall. Do this for all 4x bracket mounting holes.

Place the panel safely to the side.



4. Secure both brackets to the wall\* ensuring the centre of the bracket mounting holes line up with the marks just made to ensure the bracket is level when mounting it to the wall. The top bracket mounting holes should line up with the top 2x marks and the bottom bracket mounting holes should line up with the bottom 2x marks.

\*Fasteners are not supplied and must be purchased separately. Please ensure the correct fasteners are used dependant on the construction of wall in question.



5. Clean the wall and brackets of any dust and debris which may have been created whilst mounting the brackets.

Place the panel on the brackets. To do this have the panel slightly higher than its final resting position. When you feel the panel has slotted into the bracket gradually lower the panel into position.

Reinstall the 4x M4 screws into the mounting bracket holes.

# Safety

## Installation

- Panel must be installed indoors in a dry environment. Do not install the panel where it may be subject to excessive heat or moisture as this may damage the product or reduce the product's lifespan.
- Ensure any packaging is disposed of correctly. Plastic bags can be a suffocation risk.
- Ensure the panel is mounted by suitably competent or qualified people. Improper mounting could result in injury. Care should be taken to the type of wall you are mounting the panel to and the appropriate fixings which should be used.
- Consider the height at which you are mounting the panel. The age of the primary user and whether they should be seated or standing should dictate the height at which the panel is mounted.

## Operation

- Panel must always be used under supervision.
- Do not strike the panel. The panel is built robustly but intentional misuse will shorten the product's lifespan.
- Do not open or attempt to repair the panel yourself as this may cause injury and 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 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 to use a soft microfibre cloth for cleaning and dusting. It optimises the finish and will prevent scratches onto the screen.
- Slightly dampening 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 the product ethically:

- Product can be taken to local recycling centre. Visit [RecycleNow.com](https://www.RecycleNow.com) to find your local recycling centre.
- Some councils offer a household recycling collection service. Contact your local authority for more details.



# Troubleshooting

<b>No Sound</b>	Ensure volume is on and turned up to a sufficient level 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 sound to volume 2 and Sound Effects set to on.
	If troubleshooting does not solve the issue please contact Rompa® Customer Services +44 (0) 1246 211 777
<b>Frozen or Unresponsive</b>	Turn the panel off and wait 10 seconds. Turn the panel back on. This will reset the panel and revert the 1 <sup>st</sup> mode shown on Touch Screen.
	If troubleshooting does not solve the issue please contact Rompa® Customer Services +44 (0) 1246 211 777
<b>Push Button(s) Unresponsive</b>	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.
	If troubleshooting does not solve the issue please contact Rompa® Customer Services +44 (0) 1246 211 777
<b>External Switch Unresponsive</b>	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.
	If troubleshooting does not solve the issue please contact Rompa® Customer Services +44 (0) 1246 211 777
<b>No Power</b>	Ensure the mains is off before checking the power cable is fully inserted into the panel and then turn the mains back on.
	Check the power lead's fuse.
	If troubleshooting does not solve the issue please contact Rompa® Customer Services +44 (0) 1246 211 777

For further copies of this manual, please visit  
[www.Rompa.com](http://www.Rompa.com) to access the instruction booklet.