CardioWall®
Outdoor Portrait

Order and Installation Manual

For models from March 2020 onwards

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Section 1 – Ordering Process

1.1   - Need to Know

Installation manual purpose and limitations

This manual is intended to provide guidance only, the installation of the Rugged Interactive product will be under your control. You will be responsible for making sure, upon completion of the installation, it is safe to use. As always, we are here to support you, please get in touch if you are in any doubt.

Regulations

Some countries and states have regulations which may be applicable to the Rugged Interactive products, it is your responsibility to check that the product complies with such regulations. This should be conducted during the planning phase for the installation location.

1.2 - Order and Installation Checklist

Contact the Rugged Interactive sales team or a partner / distributor to begin the process. ☐

Confirm the invoice and delivery address along with date required (lead time is at least 5 weeks), VAT number required for export customers. ☐

Complete site survey. ☐

Send purchase order or confirm order. ☐

Make first payment. ☐

Discuss graphic requirements and provide logos and branding guidelines. ☐

Approve graphics. ☐

Make second payment (required a week before dispatch). ☐

Schedule time and team members for installation. ☐

Before install, confirm all tools and components are prepared. ☐

Organise shipment (Customer collection or delivery organised by Rugged Interactive). ☐

Receive your order. ☐

Install the product. ☐

Test and complete installation checklist. ☐

Train the team on how to use the product. ☐

Sounds can be heard when the targets are hit. ☐

Reveal your new Rugged Interactive product to your guests and customers! ☐

1.3 – CardioWall® Outdoor Portrait Overview

A captivating interactive challenge that allows users to get a lot of exercise without even realising it! The CardioWall can stimulate a huge range of functional exercises and motor skills.

The CardioWall Outdoor Portrait features multiple game modes. A 'blank canvas' for PT's to create their own routines for clients. Every routine is a game, challenging users to beat their previous best score, their friends or the leader board.

Featuring a large, fully customisable graphic panel, the CardioWall Outdoor Portrait will be sure to capture the attention of players with its visually striking appearance.
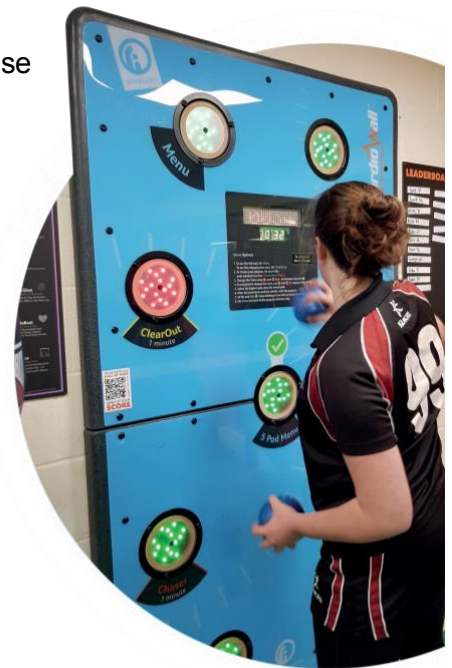
1.4 - Order and Installation Timeline

*We do our best to ensure orders are ready on a five-week lead time, however during busy periods or for large orders, the lead time may be longer than outlined here. Lead time will also be affected by graphics guidelines, approval and payment delays.

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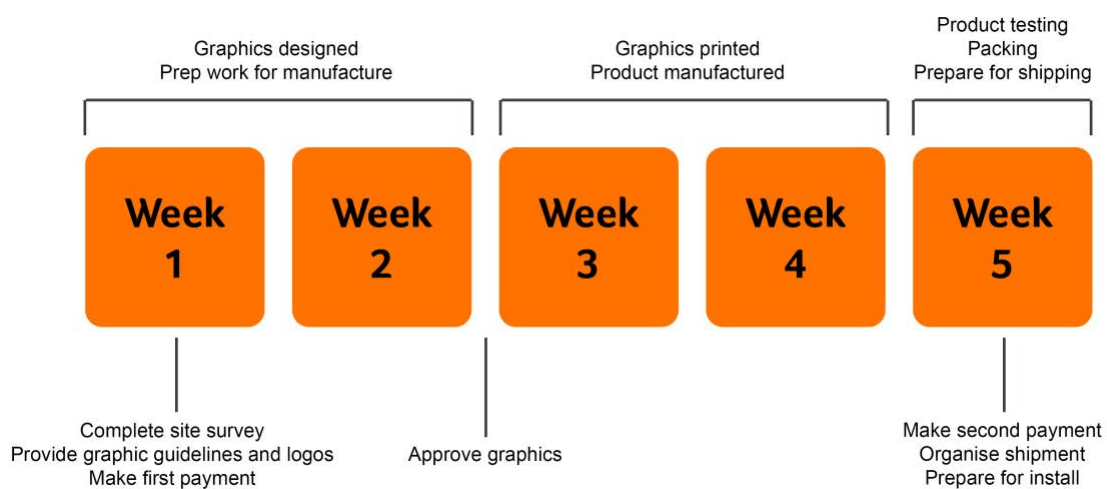www.rugged-interactive.co.uk
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1.5 – Getting Started

New Sites

During the design process for the new site, incorporate the intended products into the design, product specifications can be found within this manual for the relevant product and CAD files can be supplied upon request.

Existing Sites

When retrofitting existing sites, all specifications can be found within this manual or CAD files are available at request. If further information is required, please get in touch and we will be able to provide further information and guidance.

1.6 – Place Order

To begin the order process with Rugged Interactive:

Email:
Sales@rugged-interactive.co.uk

Or call the Sales Office:
+44 (0) 7585 955 184

HQ/Production Address:	**Sales Office Address:**
Unit 1 Callywith Court	Rugged Interactive,
Callywith Ind. Estate,	Future Space,
Bodmin,	UWE North Gate,
Cornwall	Filton Road,
UK	Bristol,
PL31 2RQ	UK
	BS34 8RB

Section 2 - Safety Guidelines

2.1 Installation Safety Guidelines

Before installing any Rugged Interactive product, please read the following:

Dos:

- Ensure that a Site Survey form has been completed prior to installation.
- Have ready suitable equipment, tools and/or man power.
- Observe correct manual handling techniques whilst moving and installing the equipment.
- If being installed onto a wall, the product MUST be mounted onto a wall of a construction capable of supporting its weight and gameplay. If possible, avoid stud walls or unsupported portal infills. If in doubt always contact a suitably qualified surveyor to check.
- Visually check the product for any signs of damage, component failure and/or missing parts.
- To prevent electric shock, keep all electric components away from contact with water.
- Ensure to take anti-static precautions.
- Wear appropriate clothing: do not wear loose clothing or jewellery.
- Long hair should be tied back.
- Tidy back loose cables that could become a tripping hazard.
- Ensure that the playing area is clear.
- Immediately inform Rugged Interactive for maintenance advice if you have concerns.

Don'ts:

- Do not wear shoes with leather soles or high heels.
- Do not use any tools that are not specifically recommended by the manufacturer.
- Do not distract others while they are installing the product.

2.2 In Play Safety Guidelines

Please ensure you read the following points before using the equipment:

Dos:

- Before beginning any exercise program, it is recommended that you consult with your doctor.
- Children under the age of 7 years must always be supervised by an adult (over 16 years) when using the equipment and/or recommended accessories.
- Visually check the equipment before using it for any signs of damage, component failure or loose cables that could become a tripping hazard. Report any concerns, e.g. loose holds or damaged equipment, to a member of staff immediately.
- Ensure you familiarise yourself with any additional facility rules that may apply.
- Ensure that the play area in front of the equipment is clear before attempting to participate.
- Only participate if you are in good physical condition. Participate only within your capabilities / recommended exercise level.
- Wear appropriate clothing.
- Remove all items from your pockets prior to participation.
- Long hair should be tied back.
- Before use, loosen up with warm up exercises and stretches.
- Only those participating are allowed in the activity area. If waiting to participate, stand back at a safe distance from the equipment.
- Report any unusual or inappropriate behaviour to a member of staff immediately.
- If you get tired, leave the equipment / activity area and take a break.
- If you feel any pain, dizziness, nausea or any other abnormal symptoms, STOP YOUR WORKOUT IMMEDIATELY. Consult your doctor immediately. Incorrect or excessive training may lead to injuries.

Don'ts:

- Do not attempt to use any of the equipment without undertaking instruction / training carried out by an appropriate instructor.
- Do not participate if you are unwell or have any pre-existing medical conditions including heart, back, neck, bone and/or muscle conditions.
- Do NOT work to exhaustion.
- Do not participate if you are or maybe pregnant.
- Do not wear loose clothing or jewellery (including studs and watches). Clothing should not have any hard or sharp points (such as buckles, studs, toggles or alike).
- Do not wear shoes with leather soles, high heels, sandals, boots or bare feet.
- No food, drink or chewing gum during participation.

- No phones or cameras in the activity area.
- Do not leave clothing or personal belongings around the activity areas.
- Do not participate under the influence of alcohol and/or drugs.
- Do not distract others while they are using the equipment.
- Do not sit, lie, stand or rest on or under the activity equipment.
- Do not use any accessories that are not specifically recommended by the manufacturer. These might cause injuries or cause the equipment to fail.

NOTE: This activity can be great fun, but it can also be dangerous. There is a risk of serious injury if care is not taken when using the equipment. Use of this equipment is physically demanding: this is a high-impact, full body activity which requires intense focus, awareness of your body's strengths and limitations, awareness of the environment around you and extreme caution.

Section 3 - Installation

3.1 - Parts List

Please check off the received parts for the installation and alert Rugged Interactive immediately if anything is missing.

1 x Outdoor Portrait Wall (two halves).	☐
8 x Plastic bungs.	☐
8 x Wall plugs.	☐
8 x M8 x 50 coach screws.	☐
8 x M8 x 25 washers.	☐
Manual.	☐

3.2 - Tools and Components List

Arrange the necessary tools and the team to install the product.

Ladder.	☐
Spirit level.	☐
Cordless drill – with torque adjuster to avoid over-tightening the screws.	☐
Industrial vacuum cleaner.	☐
Dustpan and brush.	☐
SDS impact drill.	☐
Socket set.	☐
A set of No.2 Pozi bits.	☐
A set of screwdrivers.	☐
EvoStick "Sticks like Sh*t" Sealant adhesive.	☐

3.3 - Installation Overview

Below is an overview of the steps needed to install CardioWall Outdoor Portrait. More detail for the process is provided in the following pages. Please read through ALL of this prior to beginning the installation and if you are in any doubt, contact Rugged Interactive.

If you have any concerns on how or what the product is installed to, contact a structural engineer prior to beginning the installation.

STEP 1: Mark out mounting points.

STEP 2: Drill necessary holes.

STEP 3: Mount CardioWall Outdoor Portrait bottom section.

STEP 4: Line up top section.

STEP 5: Feed and attach cables.

STEP 6: Mount top section.

STEP 7: Turn on and test.

STEP 8: Check all is secured and sealed.

STEP 9: Stress relief cables.

STEP 10: Enjoy your CardioWall Outdoor Portrait

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3.4 – Detailed Installation

Read this manual <u>before</u> installing the CardioWall.

Installation Guidelines:

- Please complete the **Site Survey** form prior to delivery and/or installation.
- Please send a completed **Installation Checklist** after any installation to Rugged Interactive.
- A typical installation should take 2 people about 2 hours.
- No obstructions or protrusions in the installation area: e.g. skirting boards, pipes, cables and wiring conduits.
- Avoid trapped and/or pinched cables.
- Use good practice when running data cables to and from products, external pods and sensors. Support long cables at least every 50 cm and provide adequate strain relief for connection points.
- Power supply to be within 100 cm of each CardioWall.
- To prevent electric shock, keep all electric components away from contact with water.
- IMPORTANT: Take anti-static precautions.

Structure:

- The units must be mounted to a flat/level construction capable of supporting its weight and gameplay. (Uneven walls and surfaces make alignment and fitting very difficult.)
- The wall area for installation will need to exceed the width and height of the CardioWall (refer to System Specifications) plus an additional 10 cm of clear space around each edge. If two CardioWalls are being positioned side-by-side, leave a gap of 150 cm - 300 cm.
- Typical suitable construction would be block or brick built.
- Alternatively, mount onto 18 mm exterior plywood (12 mm minimum) mechanically mounted to a steel framework (50 mm box minimum). Preferably, the plywood should be painted or varnished prior to installation.
- Do not fix to plasterboard faced partition. Avoid stud walls or unsupported portal infills.

Fixings:

- The manufacturer will supply fixings.
- Use hex-headed screws of 50-70 mm length (2") x M10 for a plywood structure.
- Use Rawl Plugs (plastic wall plugs) if mounted to a solid block or brick wall.
- 10 x 35 'penny' washers to spread the load at each bolt head are recommended.
- All fixings must be tight and secure.

Required Tools and Consumables:
- A spirit level – to check floor is level before installation and that the CardioWall is level during installation.
- An industrial vacuum cleaner.
- A dustpan and brush.
- A SDS impact drill.
- A cordless drill – with torque adjuster to avoid over-tightening of screws.
- A set of No.2 pozi bits.
- A set of screwdrivers:
- A socket set.

Suggested Extras:
- Cleaning cloth and gentle cleaning spray.

Installation Heights:
- Mount flat to the ground or raised to a desirable level, depending on primary user group.
- Recommended height for CardioWall Outdoor Portrait: 0 - 100 mm above ground level

Operating Environment:
- Keep out of direct sunlight; bright sunlight can affect the LED pod sensors.
- Optimum ambient temperature: 5°C to 30°C. Avoid extreme fluctuations of temperature.
- Area clear in front of the CardioWall: 200 cm minimum.

Other Recommendations:
- Instruction / training carried out by an appropriate instructor to all new users.
- A waiting / spectating area positioned nearby is advised.
- A leaderboard to go with each unit is highly recommended.

IF YOU ARE IN ANY DOUBT, CALL RUGGED INTERACTIVE DIRECTLY ON +44 (0) 1726 833 882
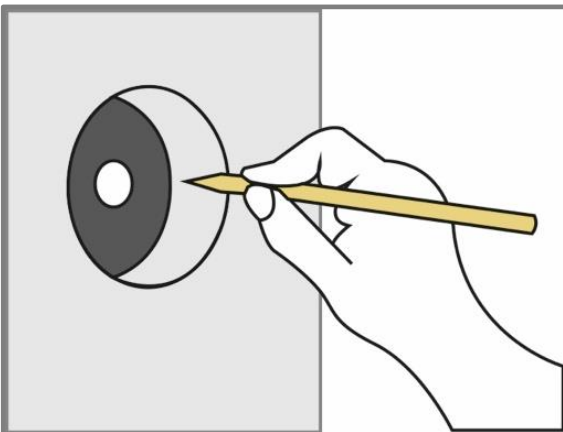
CardioWall Outdoor Portrait Installation

01

The Outdoor Portrait will be delivered in two boxes, a top and bottom section. Both boxes will be labelled either A or B, if combat is required across two walls, on A wall and one B wall will need to be installed.

NOTE: Centre graphic panel and wall fixings are all stored in the rear of the bottom section.

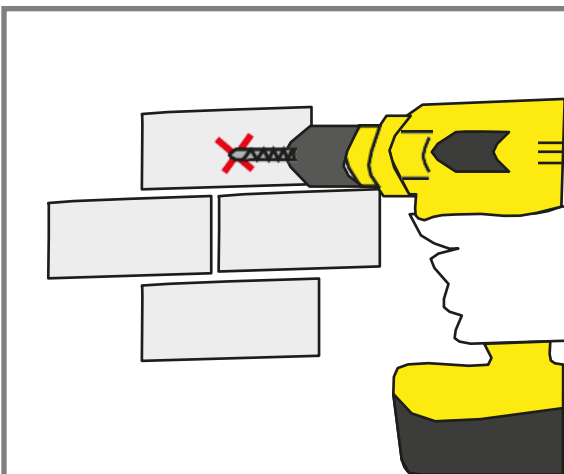**02**

Two people required: One to hold the moulding in place and the other to clearly mark the holes x 4. Ensure it is level.

Offer top section onto the bottom section feeding the four cables into the top section to avoid trapping them. Mark the top section fixing holes.

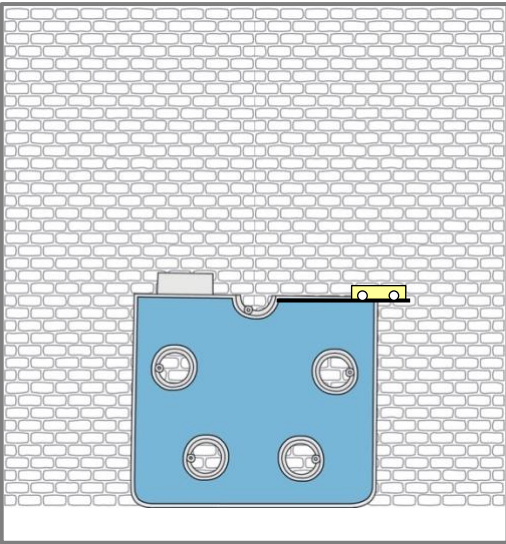A Plywood drilling jig may be useful for marking all 8 fixing holes at once.

03

Drill 8 x fixing holes.

Please ensure the wall fixing holes are drilled with the wall sections well clear of the area to avoid dust contamination.

04
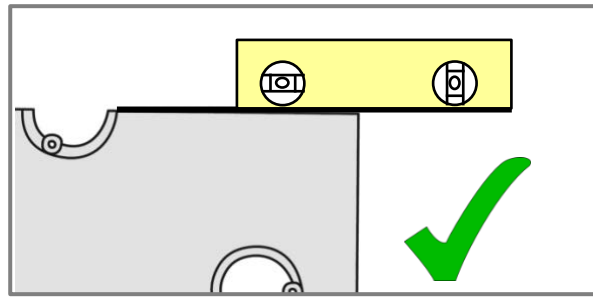
Install the bottom section of the wall, ensure it is level.

05

Remove the front panel screws to the left-hand side and along the bottom of the top section to gain access to the pod cable connections.

Offer top section onto bottom section feeding the four cables up into the top section. Fix the top section to the wall ensuring it is level.

Connect the four cables to the correct positions and refit the panel screws.

06
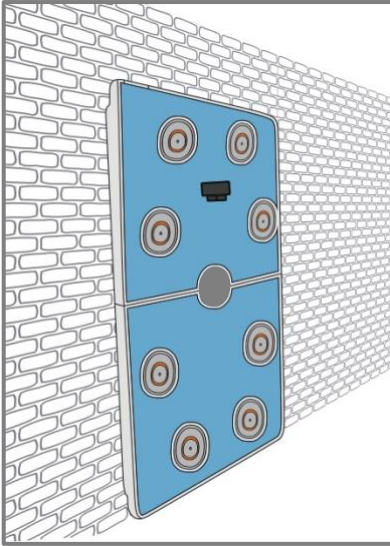
Once the panels are fixed to the wall, the centre pod PCB can be screwed in place. Currently, the centre pod is secured with a cable tie and p-clip for transportation, remove these and position the pod. Screw into placebefore attaching the network cable and screwing the sensor wire to the pod PCB.
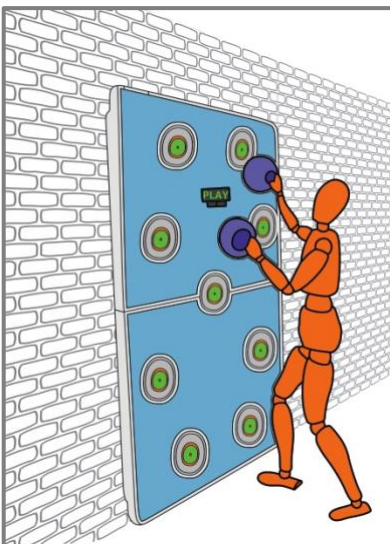
07
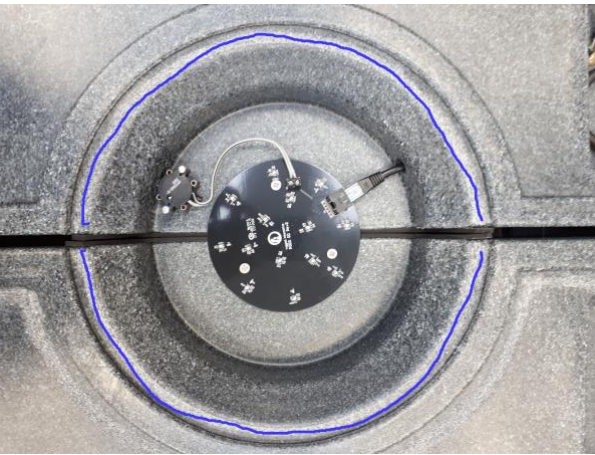
The centre graphic panel can now be fixed into position using a small 5mm bead (blue route in image) of EvoStick "Sticks Like Sh*t" sealant adhesive.
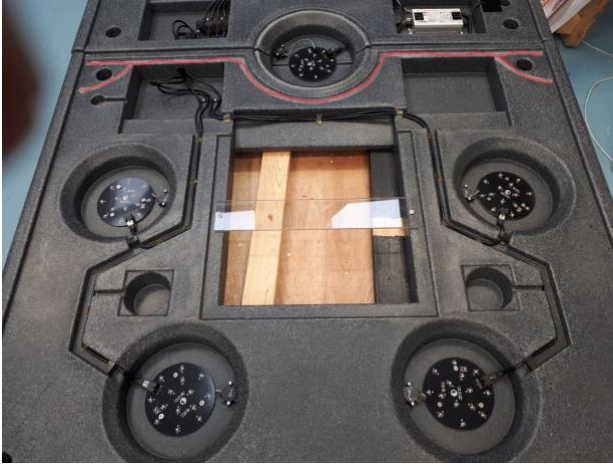
We would suggest screwing the centre graphic in place first and then remove it, apply the sealant before placing the graphics panel and replacing the screws as this will make it easier to locate the panel.

08

Ensure all fixings are tight and secure. Install power and test the wall works as expected.

The bottom graphic panel has been silicone bonded along the top edge along the red line as per the image.

If you need to get access to any of the bottom pods for service, it is recommended that you leave the top row of screws in place, remove the bottom and side screws, and carefully fold the panel up.

Ideally a two-man job, but otherwise fully removing the bottom panel will mean resealing the top edge.

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Section 4 - How to Use

4.1   Standard CardioWall

4.1.1   Idle State

On power up, the CardioWall will sound a 'laugh' and will turn to its idle state. Initially the dot matrix will display the **Hub Software Version Number** for the CardioWall.

The Standard CardioWall has **two menu options**:

1. **Menu** – Choose the playing time, level and range of playable pods for specific programs.
2. **5 Pod Menu** – Provides QuickStarts to play the middle 5 pods only for specific programs; designed for users with restricted movement such as wheelchair users.

The Standard CardioWall has **five programs**:

1. **ClearOut**
2. **ClusterShot**
3. **Chaser**
4. **CardioBeat**
5. **LowFive**

In this idle state, the **green pods** are QuickStart options for the programs. The **blue pods** are menu options **[Figure 4.1].**
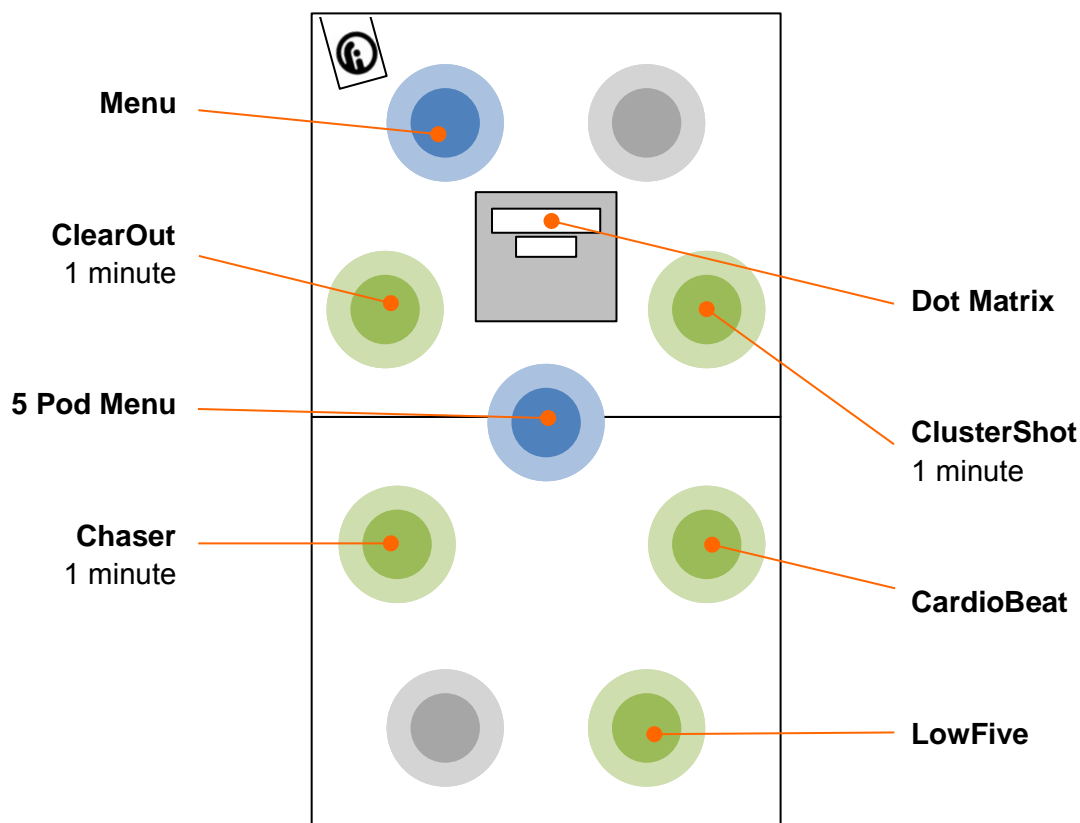
Figure 4.1: CardioWall Idle State

4.1.2 Menu

Select the **Menu** option to choose the playing duration and the range of playable pods for **ClearOut, Chaser** and **ClusterShot**. For **ClusterShot**, the difficulty level can also be set.

On selection of the **Menu** option, the CardioWall will sound "Select programme." This will then be followed by "ClearOut," "ClusterShot," then "Chaser," which will sound in synchronisation with the respective pods flashing up. This routine will be repeated until an option is selected or the CardioWall times out after 20 seconds.

Select the **blue pod** to return the CardioWall to its idle state. Select either the **yellow**, **green** or **red** pods to set the playing options for **ClearOut, ClusterShot** or **Chaser** respectively **[Figure 4.2].**
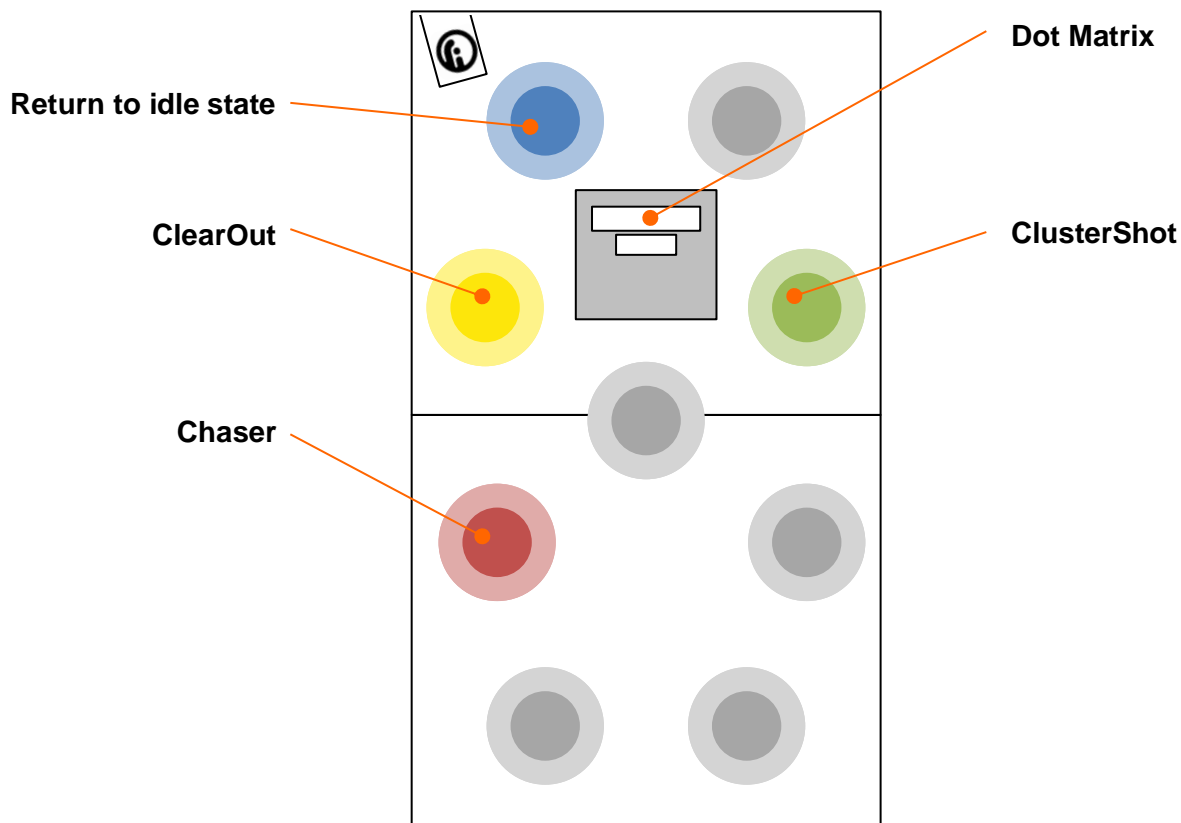
Figure 4.2: CardioWall Menu

Once the chosen game has been selected, the CardioWall will sound "Select time." Select the **yellow pod** to increase the duration of the program. Select the **pink pod** to decrease the duration of the program. Select the **green pod** to confirm the chosen duration. Select the **blue pod** to return the CardioWall to its idle state. The program duration will be shown on the time display **[Figure 4.3].**
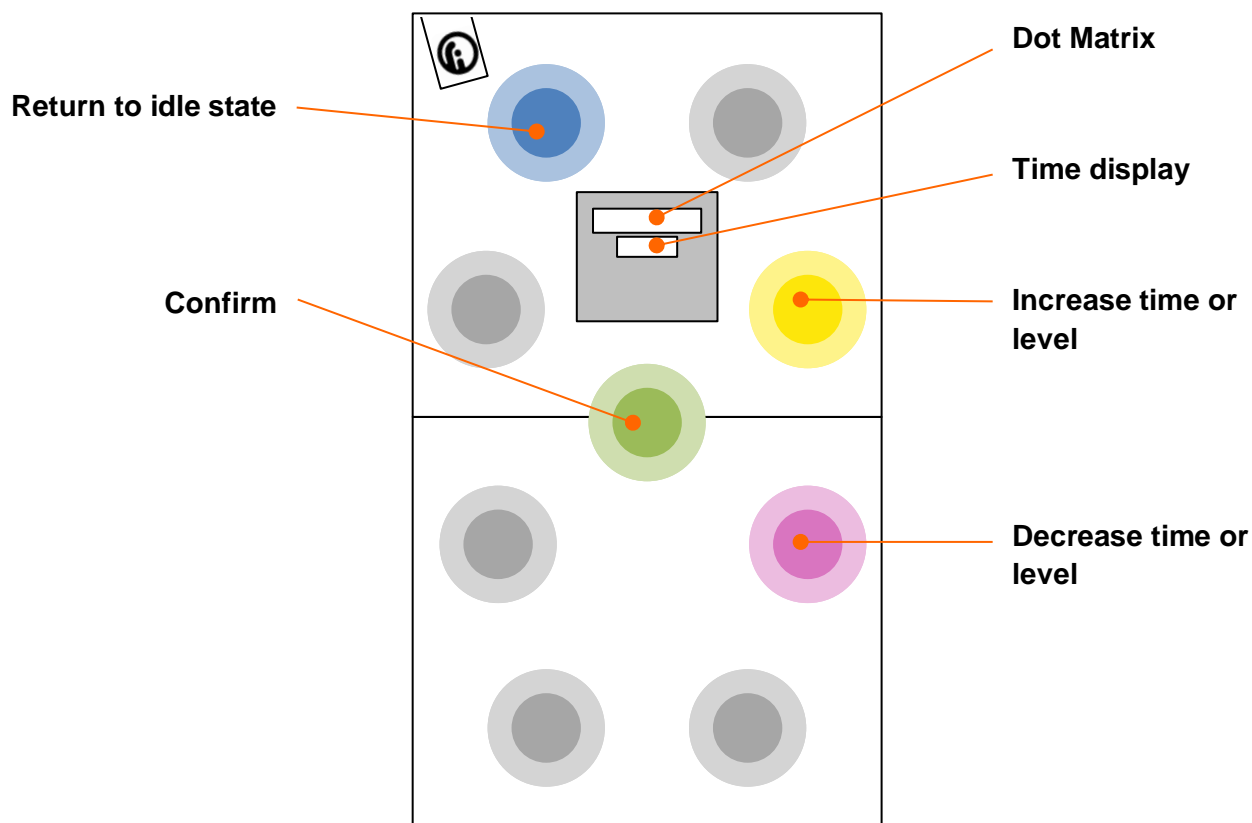
Figure 4.3: CardioWall Time Select

In the **ClusterShot** options menu, once the chosen program duration has been confirmed, the CardioWall will sound "Select level." The lights will be illuminated in the same way as **Figure 4.3**.

Select the **yellow pod** to increase the difficulty level. Select the **pink pod** to decrease the difficulty level. Select the **green pod** to confirm the chosen difficulty level. Select the **blue pod** to return the CardioWall to its idle state. The difficulty level will be shown on the time display.

NOTE: For **ClearOut** and **Chaser** programs, the select difficulty level option is unavailable as there is only one level setting available.

Once the chosen time has been confirmed for **ClearOut/Chaser**, or the difficulty level has been confirmed for **ClusterShot**, the CardioWall will sound, "Hit the highest pad you can reach."

The lights will illuminate as shown in **Figure 4.4**. Select one of these illuminated lights to set the highest pod that can be reached.
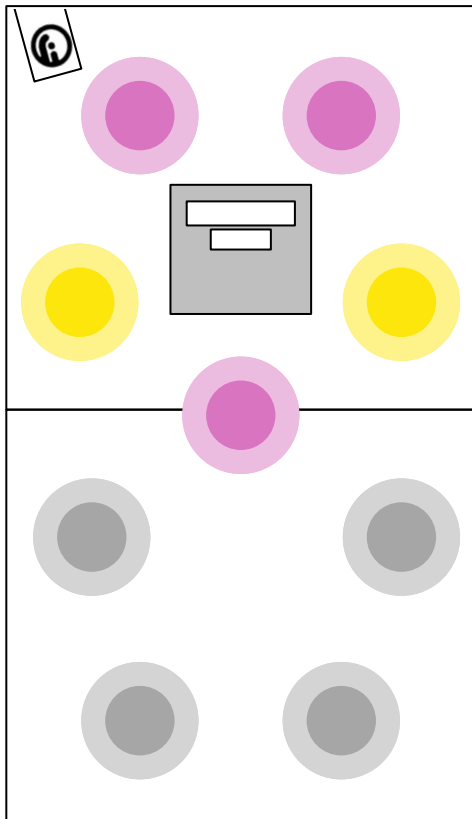
Once the highest has been confirmed, the CardioWall will sound, "Hit the lowest pad you can reach."

The lights will illuminate as shown in **Figure 4.5**. Select one of these illuminated lights to set the lowest pod that can be reached.

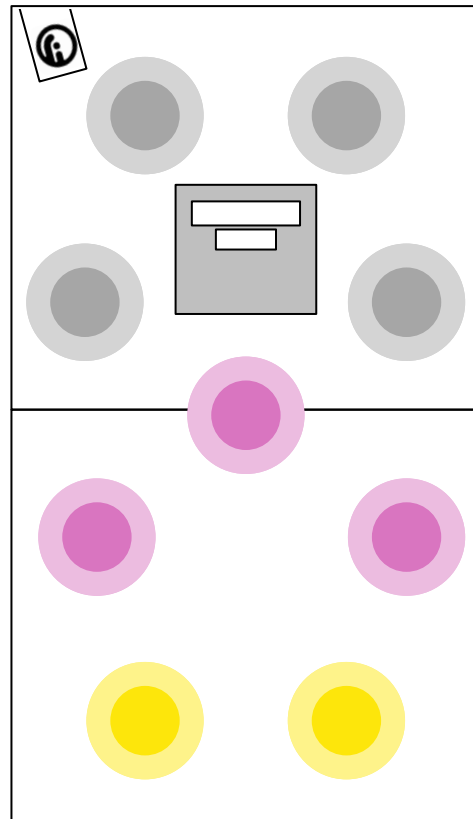**Figure 4.4:** CardioWall Highest Pod Selection   **Figure 4.5:** CardioWall Lowest Pod Selection

NOTE: At any time, if the CardioWall behaves unexpectedly, wait for at least 20 seconds for the unit to reset to its idle state.

4.1.3   5 Pod Menu

The 5 Pod Menu is specifically designed for users with restricted movements such as wheelchair users. Selecting the 5 Pod Menu will display QuickStart options for the programs **ClearOut, ClusterShot, Chaser** and **CardioBeat**. The 5 Pod Menu programs will only play the central 5 pods.

On selection of the 5 Pod Menu option, the CardioWall will sound "Select programme." The lights will illuminate as shown in **Figure 4.6**.

Select any of the **green pods** to begin any of the 5 Pod Menu programs. Select the **blue pod** to return the CardioWall to its idle state.
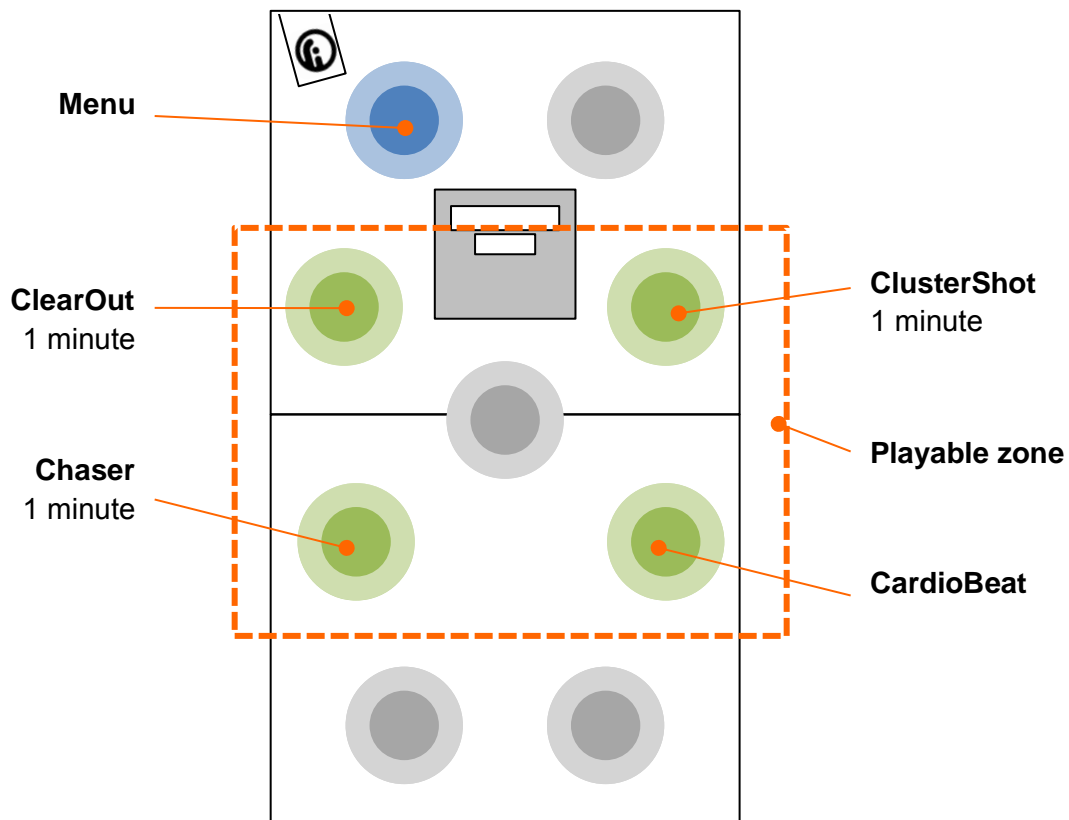

Figure 4.6: CardioWall 5 Pod Menu

NOTE: The **blue** **Menu** pod will remain active throughout these programs so it is possible to quit the program to the CardioWall's idle state.

NOTE: At any time, if the CardioWall behaves unexpectedly, wait for at least 20 seconds for the unit to reset to its idle state.

4.1.4   End of Program

At the end of any program, the CardioWall will sound, "Would you like to play again?" The pods will light up as shown in **Figure 4.7**. Selecting the **green pod** will replay the game. Selecting any of the **red pods** will return the CardioWall to its idle state.
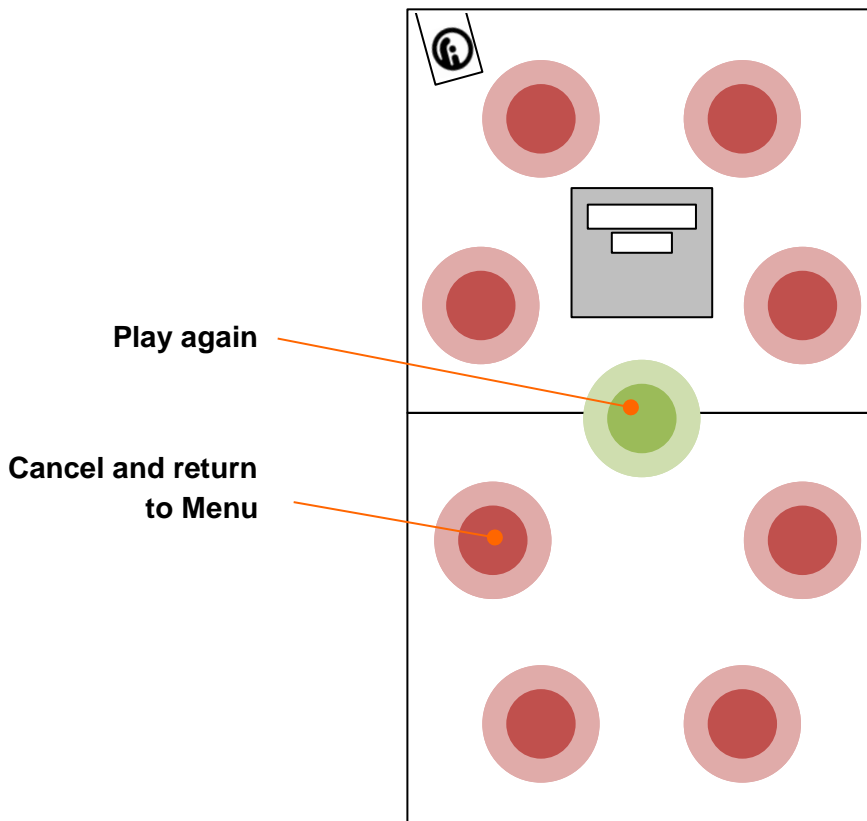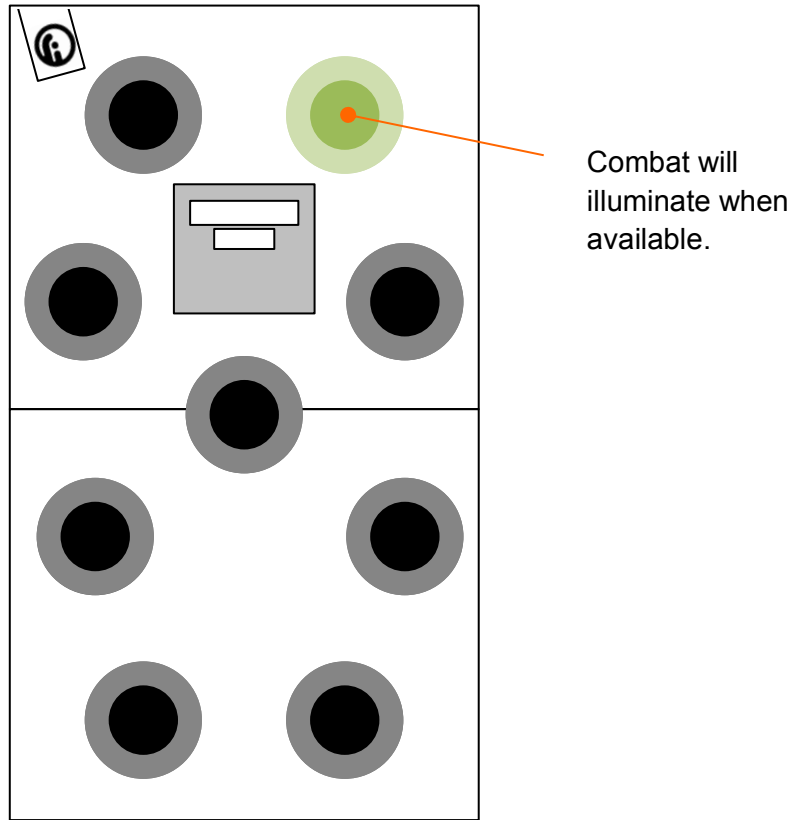

Figure 4.7: "Would you like to play again?"

NOTE: At any time, if the CardioWall behaves unexpectedly, wait for at least 20 seconds for the unit to reset to its idle state.

4.1.5 Combat

Combat is a game which is only available when two CardioWall Outdoor Portraits are connected by the combat cable.

Combat will
illuminate when
available.

With combat illuminated, one user begins the game on one wall and the "challenge" has to be accepted by the other wall.

Section 5 - Programs Guide

5.1   ClearOut

Summary:	For repetitive exercise, stamina building and core stability. Popular within circuit training routines and effective with all types of accessory. A good alternative to body weight squats.
Gameplay:	All pods will appear **green**. On selection of each illuminated pod, the light will turn out. Once all lit pods are cleared, all pods will reappear **blue**. Once all of the **blue pods** are cleared, all pods will reappear **red**. Once all of the **red pods** are cleared, all pods will reappear **green**, etc.
Aim:	To clear as many illuminated pods as possible within the given time limit.
Scoring system:	+1 point for each pod hit
Duration:	0.5 / 1 / 2 / 3 / 4 / 5 / 10 / 15 / 20 / 25 / 30 minutes

NOTE: At any time, if the CardioWall behaves unexpectedly during gameplay, wait for at least 30 seconds for the unit to reset to its idle state. For gameplay greater than or equal to 10 minutes, wait for at least 2 minutes for the unit to reset to its idle state. This longer time-out period is designed to allow multiplayer circuit training.

5.2   ClusterShot

Summary:	A high intensity challenge of speed and visual awareness. Mentally testing.
Gameplay:	Pods will illuminate in clusters of 3, 4 or 5 at random. The illuminated pods will firstly appear green, then yellow, then red. Once an entire cluster of lit pods are cleared, a new cluster of lit pods will appear at random.
Aim:	To earn as many points as possible within the given time limit by hitting the illuminated pods quickly.
Difficulty:	Beginner (Slow) – Level 1 Intermediate (Medium) – Level 2 Expert (Fast) – Level 3
Scoring system:	+3 point for each green pod hit +2 point for each yellow pod hit +1 point for each red pod hit
Duration:	0.5 / 1 / 2 / 3 / 4 / 5 / 10 / 15 / 20 / 25 / 30 minutes

NOTE: At any time, if the CardioWall behaves unexpectedly during gameplay, wait for at least 30 seconds for the unit to reset to its idle state. For gameplay greater than or equal to 10 minutes, wait for at least 2 minutes for the unit to reset to its idle state. This longer time-out period is designed to allow multiplayer circuit training.

5.3   Chaser

Summary:	A pure speed and reaction challenge which also tests peripheral vision.
Gameplay:	A single **red pod** will illuminate at random. Other pods will be **green**. On selection of the **red pod** (the chaser), another pod will reappear **red**.
Aim:	To hit as many **red pods** with in the given time limit as possible.
Scoring system:	+1 point for each **red pod** hit -1 point for each **green pod** hit
Duration:	0.5 / 1 / 2 / 3 / 4 / 5 / 10 / 15 / 20 / 25 / 30 minutes

NOTE: At any time, if the CardioWall behaves unexpectedly during gameplay, wait for at least 30 seconds for the unit to reset to its idle state. For gameplay greater than or equal to 10 minutes, wait for at least 2 minutes for the unit to reset to its idle state. This longer time-out period is designed to allow multiplayer circuit training.

5.4   CardioBeat

Summary: A version of the 'bleep test.' A perfect measure of a user's fitness, including hand speed, accuracy and stamina. The first port of call for personal trainers with a new client. Helps to develop hand-eye coordination.

Gameplay: All pods will illuminate. Once each illuminated pod is hit, the light will turn out. All pods must be cleared within the given time to clear the level. If the level is cleared in time, a beep will sound and all pods will reappear. This is repeated until the user is unable to clear the entire wall of illuminated pods. The time that the lights are illuminated for decreases as the level increases, steadily increasing the games difficulty.

Aim: To clear the entire wall of illuminated pods as many times as possible with in time restrictions.

Difficulty: Increases as the level increases.

Scoring system: Level increases by 1.0 for each cleared level
Level increases by 0.1 point for each pod hit
e.g. L7.2

NOTE: At any time, if the CardioWall behaves unexpectedly, wait for the program to end and for the unit to reset to its idle state.

5.5   LowFive

Summary:	Can be used in conjunction with squats, sit-ups, press-ups and plank.

Gameplay: This is version of ClearOut that is only played on the lower 5 pods. All of the lower 5 pods will appear **green**. When each illuminated pod is hit, the light will turn out. Once all lit pods are cleared, all lower 5 pods will reappear **blue**. Once all of the **blue pods** are cleared, all lower 5 pods will reappear **red**. Once all of the **red pods** are cleared, all lower 5 pods will reappear **green**, etc.

Aim: To clear as many illuminated pods as possible within 1 minute.

Scoring system: +1 point for each pod hit

Duration: 1 minute

NOTE: At any time, if the CardioWall behaves unexpectedly during gameplay, wait for at least 30 seconds for the unit to reset to its idle state.

5.6   Combat – Two-Player Program

Summary:	This is a two-player program and only works when two CardioWalls are connected.
	A direct dual between players. Intense and great fun. Builds a competitive spirit and improves social interaction between competitors in addition to improving speed, reaction time and hand-eye coordination.
Gameplay:	Every time a pod is hit by one player, a light will reappear on the opposite player's wall. The first player to clear all the lights on their wall will be the winner.
Aim:	To clear the wall of illuminated lights before the other player.
Scoring system:	+1 point for each pod hit

NOTE: At any time, if the CardioWall behaves unexpectedly during gameplay, wait for at least 30 seconds for the unit to reset to its idle state.

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CardioWall Outdoor Portrait System Specifications

Dimensions and Weights:

	Approx. Shipment Details		Fully Assembled Details	
	Size (mm)	**Weight**	**Size** (mm)	**Weight**
CardioWall Outdoor Portrait *(single unit)*	1150 x 1250 x 300	70 kg	1180 x 75 x 2000	52 kg
Mobile Stand *(without CardioWall)*	1450 x 1000 x 1500	105 kg	1450 x 1000 x 1500	80 kg

Power Supply:

CLASS 2 POWER SUPPLY

INPUT 100-240V- 1.0A 50/60Hz
277V- 0.38A 50/60Hz
λ:0.95 (277V- For North America Only)

OUTPUT 24V === 3.1A
Max. 25V
Max. Power: 74.4W

tc: 90°C

| ta: 60°C | Input 200-240-,277V- |
| ta: 50°C | Input 100-200V- |

Suitable for use in Dry, Damp and Wet Locations

IP67 CE EAC

E320521 Type HL 18

Warranty: 1 year on electronics. 3 years on all other parts.

Regulatory Requirements: CE Approved.

Operating Environment:

Mount to a wall of a suitable construction.

Area required clear in front of the CardioWall: depth of 1 m minimum.

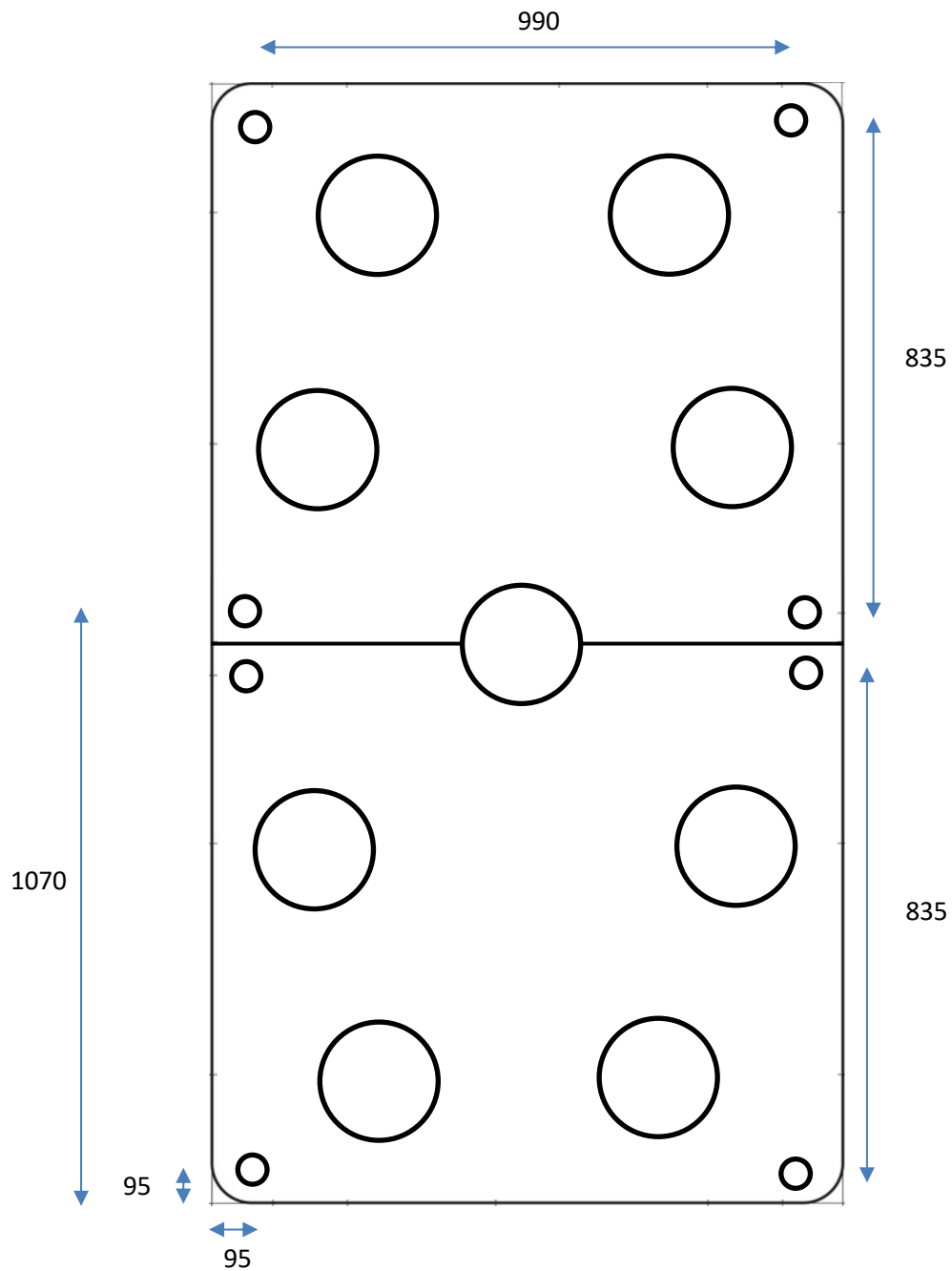Optimum ambient temperature: 5°C to 30°C. Avoid extreme fluctuations of temperature.

Figure 1: CardioWall Outdoor Portrait mounting points
(Dimensions in mm)

CardioWall Outdoor Portrait Installation Checklist

Please complete this checklist after any installation:

Check 1: Pre-power up checks.

Equipment is stable, secure and (if applicable) mounted to a wall of a suitable construction capable of supporting its weight and gameplay. ☐

All fixings are tight and secure. ☐

The power cables in the central pod are properly connected. ☐

No signs of damage, component failure and/or missing parts. ☐

No trapped and/or pinched cables. ☐

No loose cables that could become a tripping hazard. ☐

All long cables are supported at least every 50 cm. ☐

Adequate strain relief provided for connection points. ☐

Kept out of direct sunlight during the day. ☐

All electric components away from contact with water. ☐

Protective plastic sheets removed from front graphic panels. ☐

Check 2: Connect and power up.

All pods light up. ☐

Text appears on the hub display and is as expected. *E.g. Portrait Standard.* ☐

Sound volume is at a suitable level. ☐

Check 3: Select ClearOut (Speed) via Quick Start.

Program counts down from 3 and begins. ☐

All pods active and operational. ☐

Check all pods for colours: red, green, blue. ☐

Sounds can be heard when the lights are hit. ☐

Program plays as described in the Programs Guide. ☐

Check 4: Select Menu then select ClusterShot.

Time selection OK? ☐

Level selection OK? ☐

High and low pod selection OK? ☐

Program counts down from 3 and begins. ☐

All pods active and operational. ☐

Check all pods for colours: red, green, blue. ☐

Sounds can be heard when the lights are hit. ☐

Program plays as described in the Programs Guide. ☐

Check 5: Ready for use.

Play area is clear. ☐

Instruction / training carried out by an appropriate instructor to all new users. ☐

If anything unexpected occurs or problems persist after troubleshooting, call Rugged Interactive directly on +44 (0) 1726 833 882.

Next Steps

Train team members

Train your team members on how to use CardioWall Outdoor Portrait, having knowledge of the gameplay will help them encourage users. Inspire them to cheer and celebrate with the users when they achieve high scores.

Maintenance

General care and maintenance procedures for your Rugged Interactive product.

1. Inspect the product daily for any signs of damage or loose components. Repair or tighten as applicable.
2. Turn on the product, check the LEDs and sound is working as expected.
3. Start a game, check all pods/sensors work and react as expected. Please refer to the manual for instructions on gameplay.
4. If a pod has seven (7) or fewer working LEDs, we recommend replacing the pod.
5. We suggest non-solvent glass cleaning spray. Use a non-abrasive microfibre cloth and extremely light pressure when wiping the product. Too much pressure will scratch the graphics panel.
6. Only use accessories recommended by the manufacturer with the products. Accessories not recommended could cause serious damage.
7. Every three months check the fixings are tight.
8. Once a year, check the structure supporting the product is still solid.
9. We recommend turning the products off when they are not in use (close of business), this will help to extend the life of the product.

Marketing

With this being such an eye-catching product, it is excellent for use in posts on social media, either featuring in photos or videos.

If you would like any help, guidance or examples of using this product in your marketing campaign, please contact Rugged Interactive and we will be able to assist with this.

Congratulations!

Congratulations on your new Rugged Interactive product! Your customers are going to love this, and it is a great addition to your venue!

If there is anything we can assist with or if you would be interested in information about any other Rugged Interactive products, then please do not hesitate to get in contact.