



User Manual

Revision: Preliminary P3

APRIL 17, 2025

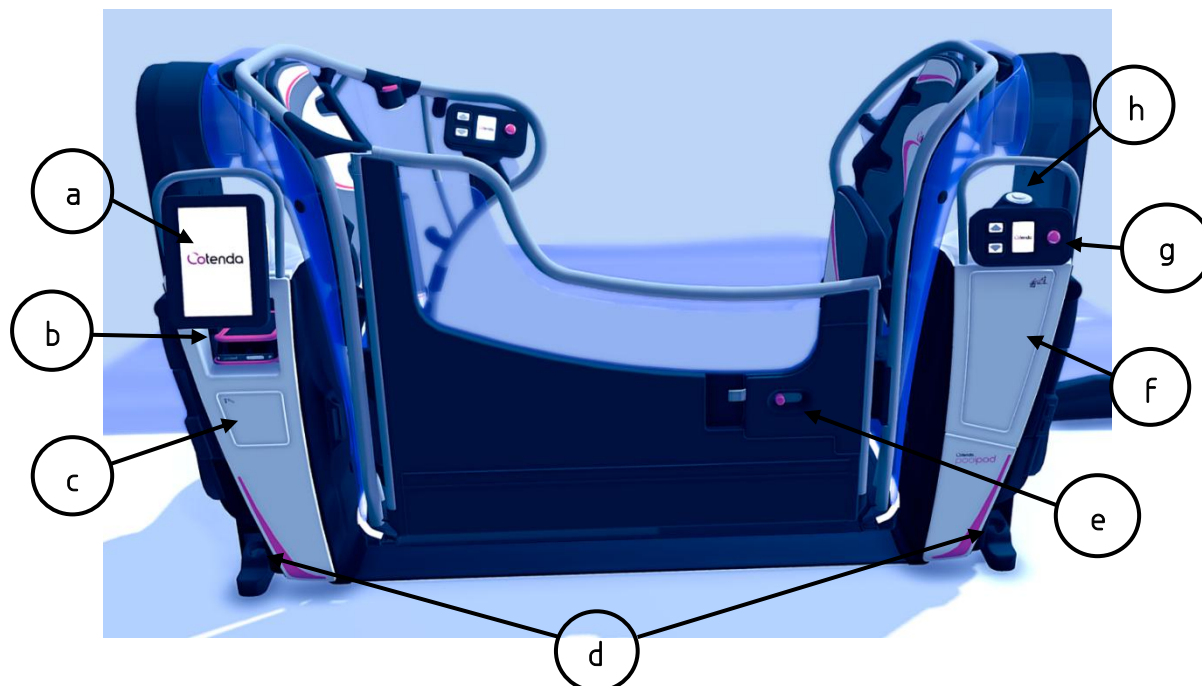
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Parts at a glance

Poolpod Rear



a) User interface and help screen

e) Door Lock

b) Battery Compartment

f) Manual control and pump

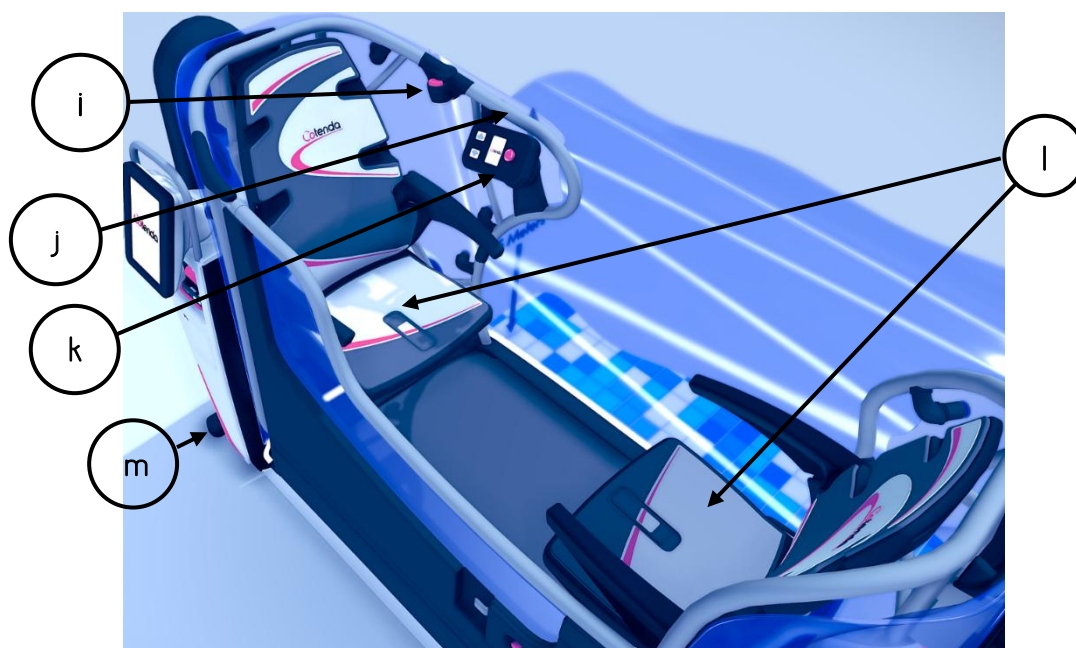
c) Anchor Bolt and tools Storage

g) Deck user buttons

d) Anchors

h) On/Off power switch

A Closer look



i) Front door lock

m) Rear foot (adjustable)

j) Front door

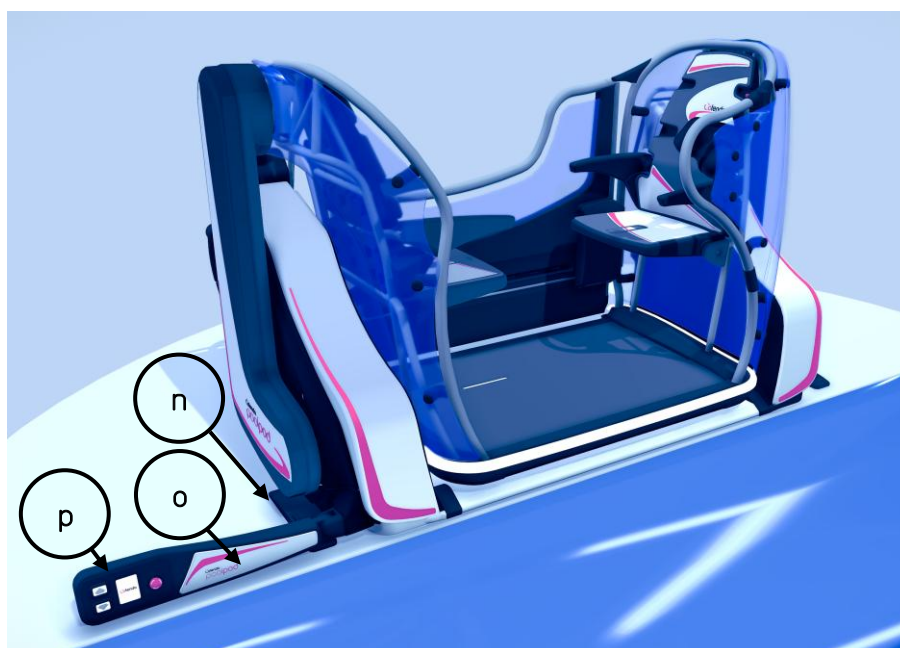
n) Front foot (adjustable)

k) Platform controls

o) Fold down pool control arm

l) Fold down seats/arm rests

p) Pool control buttons



Charging the batteries



Please, refer to the Poolpod 3 Battery (COT000788) User Manual for full details on the batteries.

State of charge

During transportation, for safety, the batteries are held at 30% state of charge (SOC). Before carrying out an install or using the Poolpod 3 for the first time, the batteries should be put on charge to make sure they are fully charged when you need to start testing the Poolpod 3.

Check the SOC of the battery by pressing the Battery Level Check Button. There are 5 SOC LEDs, each representing approximately 20% charge.



Caution: If the battery becomes fully depleted in use, it's important to promptly charge it back to at least 30% charge. Similarly, it's recommended to use the battery soon after fully charging it. Like all lithium-ion batteries, it is not recommended to store batteries for extended periods of time in a SOC above 80% or below 30%.

Set up a suitable charging area

Locate a safe location for charging the batteries. Although the highest degree of safety has been designed into the Poolpod 3 battery, it is still a lithium-ion battery. Care should be taken to charge the batteries in a safe location, away from water, where they will be regularly attended, kept away from heat sources and distanced from other items that could be a fire risk.

Recommended charging temperatures range from 10-30 °C, room temperature. Do not charge batteries in direct sunlight.

Examples of these could include, but not limited to:

- Reception area
- Pool managers office
- Pool staff control room
- Plant room



Type G Plug



Type C Plug



Type A Plug



Type I Plug

Check that the charger IEC C7 mains lead is compatible with the main supply on location. The charger unit is globally compatible – 100~240VAC 50~60Hz. Cotenda can supply the Poolpod charger with Type A, C, G and I IEC C7 mains leads. It may be necessary to source a C7 mains lead or adaptor locally if the location plug standard is out with these types.

The appendix shows a list of plug types and associated countries for your convenience.

Connecting the charger



Securely insert the C7 mains lead plug into the charger unit

Plug in the lead to the mains socket. When plugged in correctly, the Charger indicator LED will illuminate Green. Make sure that the indicator light is illuminated before connecting the charger to the battery.

Connecting the Battery



The proprietary Poolpod 3 battery connector locates into the back right of the battery. It then slides in a located track towards the front. Slide the connector in and apply a slight force until you hear and feel the securing clip click into place.

When the charger is correctly connected, the Charger indicator LED will turn to Red to indicate it is charging.

Charging Time



While charging, the battery indicator LEDs will illuminate showing the status of charge.

Depending on the SOC, the battery will take 2-3hrs to fully charge.

Caution: Disconnect the charger once fully charged. While both the battery and the charger are protected from overcharging the battery, it is not recommended to leave the battery charger connected for long periods of time.

Important: The Poolpod 3.0 lift is supplied with four batteries. Two batteries should always be connected to the lift even when it is not in operation, while the remaining two can be on charge.

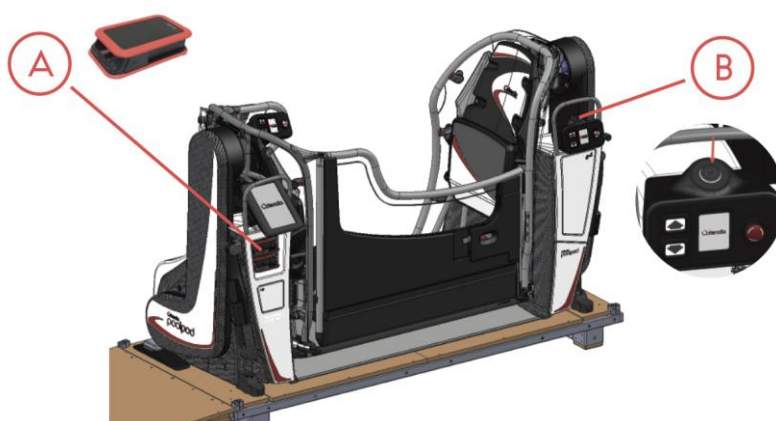
Moving your Poolpod System:

Ensure your Poolpod batteries are fully charged

Insert the Poolpod Batteries and turn on the system. Check that the system is in **Trolley Mode** (this will be shown on the User Control Module screens), if not then follow “Entering Trolley Mode”

Entering Trolley Mode:

To place the poolpod in “Trolley wheel mode” perform the following:



1. Ensure batteries are present, properly inserted and fully charged
2. Power the lift on
3. If deployed, Move the platform back to the store position by pressing the up button on the main control unit or utilising the manual recovery system with the pod off.
4. If folded down, Lift the poolside control arm to the vertical position
5. If present, Remove the anchor bolts from the anchors and store in the left base storage compartment

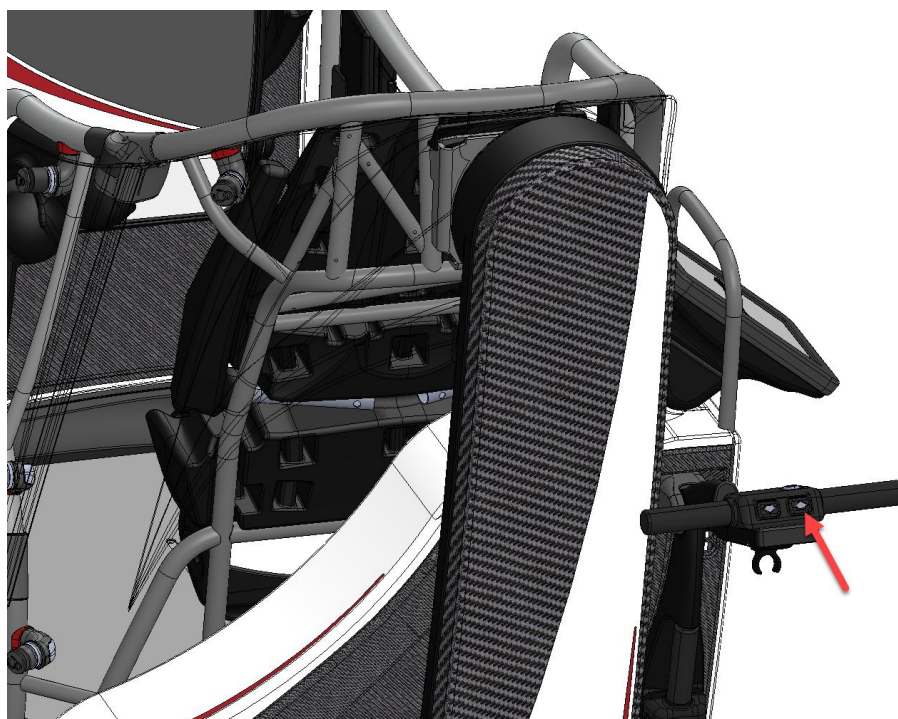
“Trolley mode” should now be displayed on the user control screens.

The buttons (raise/lower) on the trolley handlers are active. **Do not leave the system unattended and able to be powered on in this mode.**

Raising and Moving the Poolpod in Trolley Mode

Do not attempt to move the Poolpod alone. Always use two people, with one on each steering handle, for safety and optimal manoeuvrability.

Never place any part of the body or any other objects under the Poolpod while it is raised.



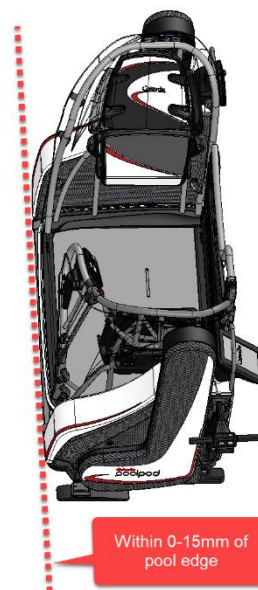
1. Unfold the steering handles and ensure there is someone manning each of the controls.
2. Press raise (Up Arrow) to deploy the wheels and raise the lift. (This takes about 20 – 30 seconds).
3. Pull the poolpod with the trolley handle.
4. The handles are for steering – they move the wheels below the poolpod and change the direction that it will move in.

Caution: If you stop pressing the up button on the trolley handle then the poolpod will slowly sink to the ground, this is normal and a safety feature to prevent the poolpod being left up on its wheels. If the poolpod is sinking down on the wheels you can press the up button to raise it up again as necessary.

Anchoring your Poolpod

Top-Tip: The poolpod is equipped with anchor sensors – if the poolpod is not properly secured it will not operate.

1. Move the poolpod into position over the installed anchors:
2. Find the right place: The poolpod front should be aligned to the pool edge parallel and within 0-15mm of the pool edge:



3. If the front is aligned, you can slide the rear anchor in and out to align to the holes.



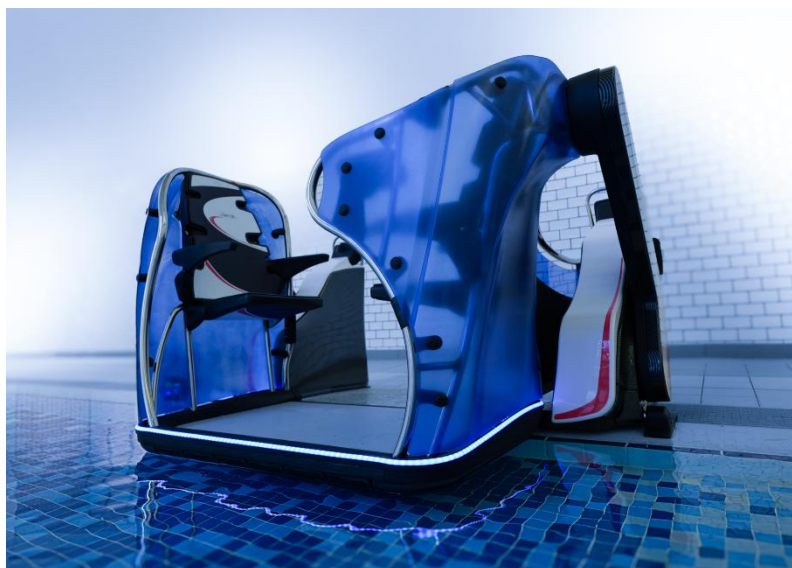
4. Move the poolpod forward and backward until the holes are aligned.
5. Press the lower button to place the lift back on the floor.
6. Fold down the poolside arm and make sure that it is completely extended.
7. Switch the lift off and on again to exit trolley mode.
8. Retrieve the Anchor bolts and spanner. These are normally stored behind the small door on the left side of the Poolpod under the battery hatch.

Insert the anchor bolts – You will see a message on the poolpod screen saying that the anchor is not tight enough. Tighten the anchor as directed by the screen until the message disappears. Then tighten ½ a turn more after the message disappears.

User instructions

The Poolpod Platform

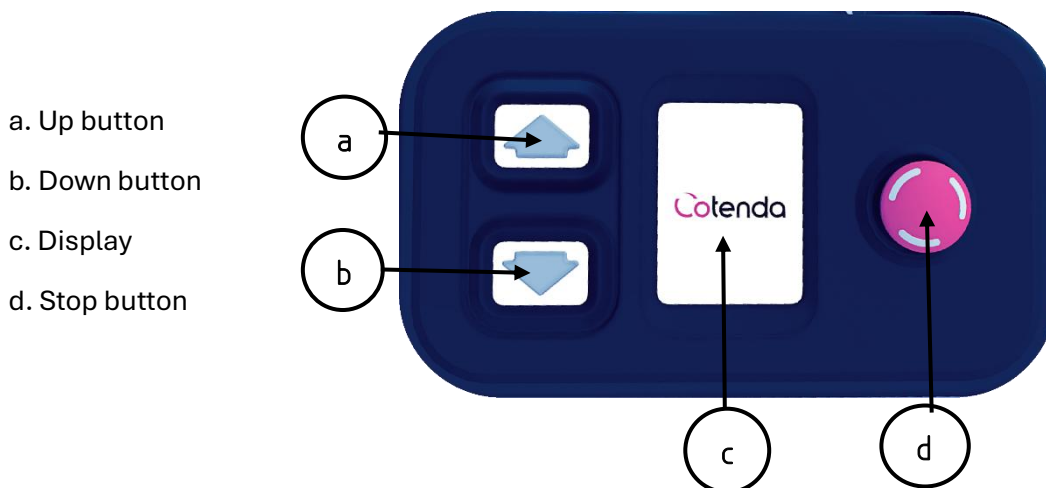
The Poolpod Platform provides dignified and independent access for swimmers who find it hard to get in and out of swimming pools. The Poolpod Platform is made of 316 grade stainless steel, powered by rechargeable batteries. The Poolpod Platform is mobile, easy to install and move away from the pool side for storage or relocation.



The door across the back of the platform is automatic – like doors on regular passenger lifts. There are 3 sets of controls, 1 on the deck, 1 on the platform and 1 in the pool. The wheelchair automatically locks in place on the platform. The generous 250kgs lifting capacity means two users can enter the water at the same time and that service providers do not exclude heavier disabled people from their facilities. There are 2 foldable seats on in the platform to allow 2 users sit while accessing the water, or 1 seated user next to a wheelchair.

The User Controls

The Poolside has 3 sets of user controls.



Each user control has an Up button, a Down button a display screen and a stop button. The direction buttons are also illuminated to show which button can be used depending on the position of the lift. When the lift is ready for operation the display will show to the user which button to press. If there is an active system warning or alarm the issue will be displayed on the button module display. Refer to section *Fault Finding* for the warning/alarms.

The stop button is a latching button and if pressed in must be pulled out to reset. In the event of a Stop from any of the push buttons or one of the safety edges, the lift will come to a stop and will not continue until all stop buttons are in the out position and the safety edges are clear. All direction buttons must also be released.

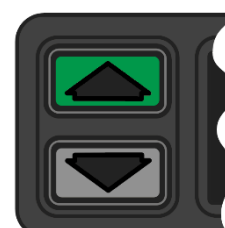
Down button only illuminated blue.

Only down movement available.



Up button only illuminated green.

Only up movement available.



Up Button Illuminated green

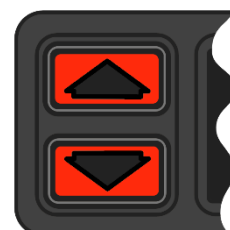
Down Button Illuminated blue.

Up and Down movement available.



Both Buttons Illuminated red

There is a Stop button pressed, or a safety edge pressed.

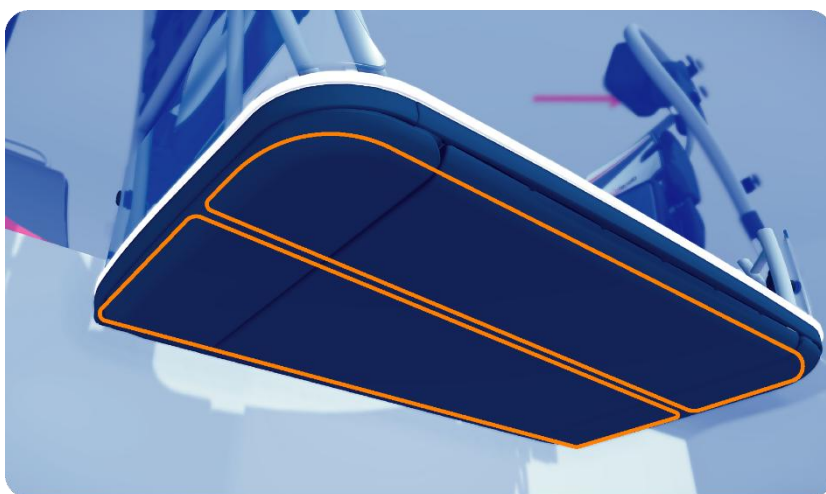
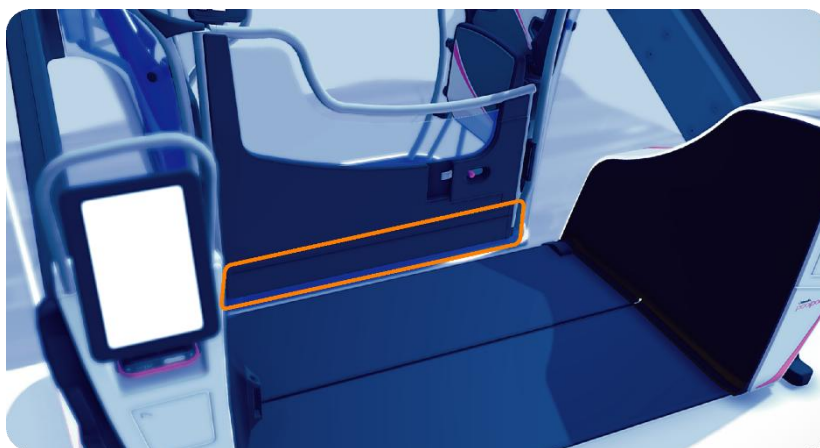


Safety edges

There are 3 independent safety edges on the Poolpod 3.0 system. These positions on the lift to mitigate the risk of trapping points while the lift is in movement.

Caution: In some instances, the safety edges may have been overridden by a Cotenda engineer while awaiting repair, replacement parts, or a service. You must check that the safety edges are functioning as part of your Daily Check procedure (for more information, refer to the *Daily Checks* section). If you are unsure whether the safety edges are enabled on your machine, please contact Cotenda for further information and guidance. Please refer to section *Contact Information*.

Door safety Edge – located on the bottom of the door it will stop the lift if pressed while the lift is moving.



Platform front and rear safety sensors – if an object of person presses on either of the under-platform safety sensors, the lift will come to a stop.

Quick Start Guide

Switching on

Insert 2 batteries into the battery compartment on the left-hand side of the lift.

Turn on the Poolpod Platform using the power switch above the deck user controls on the right-hand side of the lift.

Note: Make sure the batteries required have been charged previously. See Charging the Batteries section for further information.

Checking the lift is ready for operation

Anchor bolts

Before moving the lift check the anchor bolts securing the back of the lift are present and tight. During operation of the lift, the anchor bolts are monitored by the lift controller, if it's detected that a bolt is not tight a warning is displayed on the button modules and movement is prohibited.

Poolside control arm

Make sure the poolside control arm is down. If the lift detects the arm is not down a warning is displayed on the button modules and movement is prohibited.

Moving the Poolpod up and down by the Deck Controls

By using the Poolpod deck user buttons the Poolpod can be moved up and down to 3 different positions. This allows the user to deploy or store the lift and provides a control for an assistant to move the lift into the water or raise it out of the water. The buttons move the lift through the 3 positions: Stored, Loading (with door open) and Swim position.

Down Button (store position): Move the Poolpod from the fully compact configuration to the loading position with the door open.

Down Button (loading position): Close the door and move the platform into the water to the desired depth.

Up Button (pool position): Raise the platform from the water to the loading position and open the door.

Up Button (loading position): Close the door and move to the fully compact configuration.

Moving the Poolpod up and down by the Platform Controls

To use the platform controls first move the platform over the water to the loading position and open the door.

Down Button (blue): Close the door if open and descend the platform into the water.

Up Button (green): Raise the platform to the loading position and open the door.

Moving the Poolpod up and down by the Pool Controls

Always ensure the pool control arm is down when using the lift.

Down Button (blue): Call the platform into the water.

Up Button (green): Raise the platform out of the water and into the store position.

Steps sequence - User operation from stored to swim.

1



Press and **Hold** the blue down button on the deck controls to move the lift over the water to the loading position.

2



Enter the platform then **Press** and **Hold** the blue down button to close the door and descend the platform to the desired depth (up to 1.4M).



3

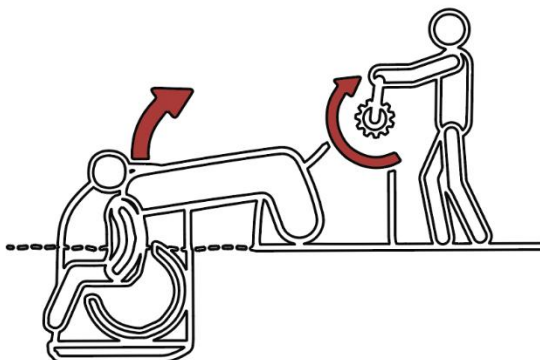


4



Swim out of the platform and up to the pool controls then **Press** and **Hold** the green up button to move the lift back to the stored position.

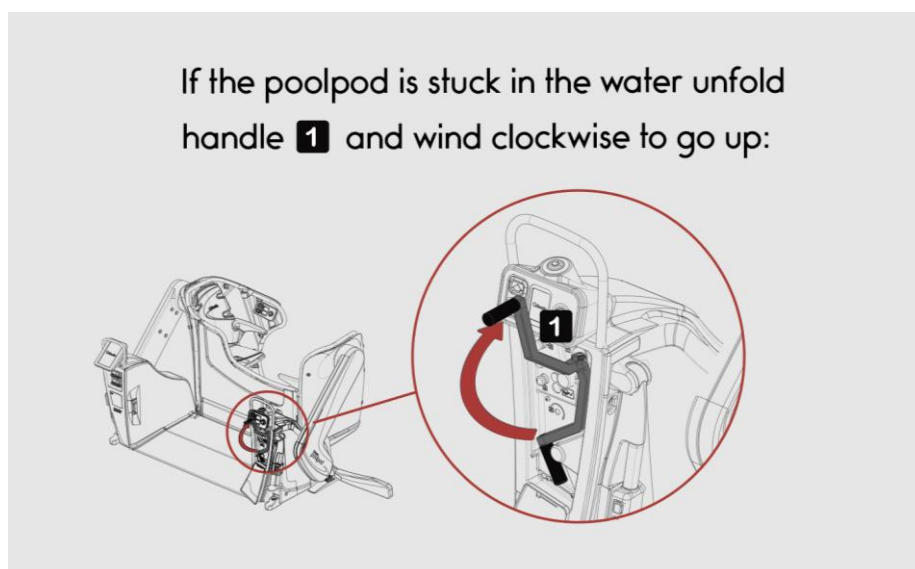
Manual and Emergency Operation



Manual use: Your pool lift is equipped with a manual winding handle that can be used during breakdowns or emergency, for example in the event that batteries are not charged or a system breakdown.

The Manual controls are under the hatch below the user control buttons on the right-hand side of the unit. The hatch can be easily opened by firmly pressing on the lower edge.

Manually raising the lift:



The first case is straightforward: If a user is stuck in the water: Open the hatch wind the handle clockwise and the platform will rise up.

Manual use extended functions:

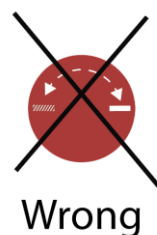
To perform other functions, change the setting on the three red valve setting knobs labelled 2,3 & 4:



- To change the setting for a knob: Push-in, Rotate, gently pull-out again.
- Gently wiggle the knob after changing a setting to help the valve to re-seat.
- If you find that the poolpod does not behave according to the valve setting, then wiggle the knob while **gently** pulling on it.
- Wind the handle **clockwise** to power the movement, stop winding and the platform will stop, and the hydraulic brake will automatically apply to prevent the platform moving downwards.
- When finished always return the knobs to the default setting.
- Only use the manual system when the poolpod is switched off.
- When changing the valve settings move the knob so that the indicator passes through the lower position:

Caution:

Attempting to turn the knob the incorrect direction could damage the valve.

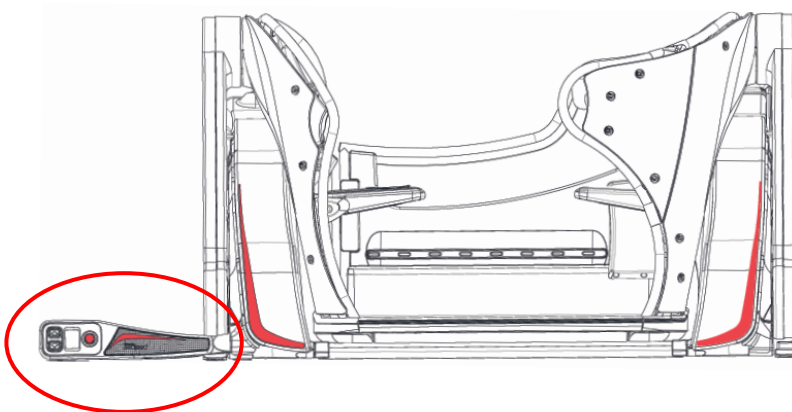


Warnings for when operating manually

Incorrect manual use of the poolpod may cause damage

DO NOT MOVE THE PLATFORM UNLESS THE POOLSIDE ARM IS DOWN!

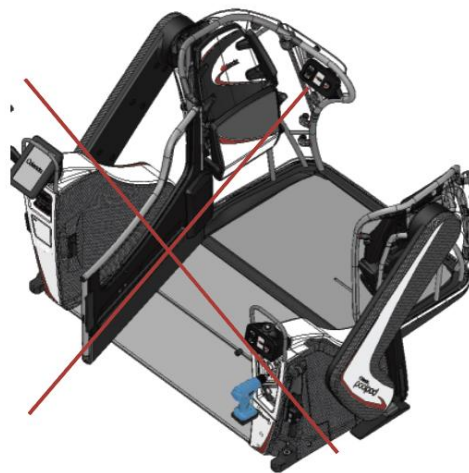
The poolside arm must be folded down otherwise the platform will collide with it:



DO NOT MOVE WITH THE DOOR OPEN



✓ Correct



Wrong

When the platform is moved down the door must be closed.

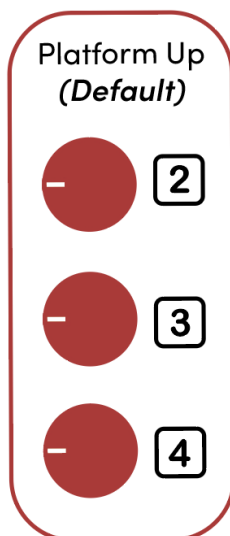
If the platform is moved when the door is open, then the door may collide with the poolpod floor causing damage.

Valve settings for different movements:

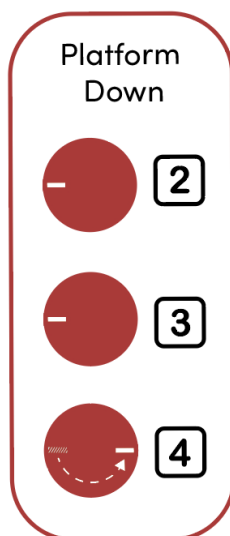
Manually setting the Platform valves.

Note: the system must be switched off or the batteries should be removed when manually operating, the valves must be switched to the default positions before powering back up.

The following shows the settings for moving the platform up:

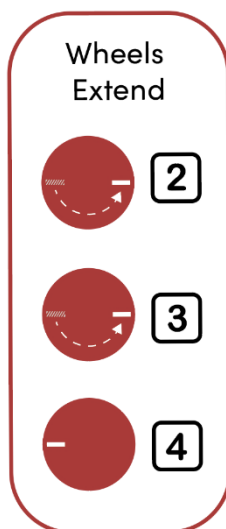


The following shows how to adjust the knob 4 setting for moving the platform downwards:



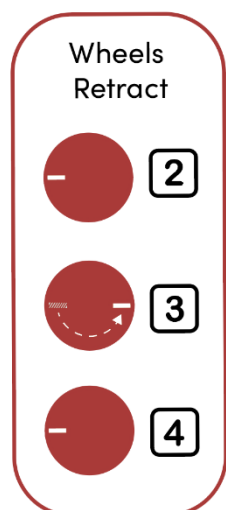
Manually setting the Trolley Wheel valves

The following shows how to adjust the knobs 2 & 3 setting so that the wheels will extend and lift the poolpod off the ground:



(Lift the poolpod off the ground)

The following shows how to adjust the setting so that the wheels will retract and the poolpod off will be set back down on the ground:



(Lower the poolpod onto the ground)

Manually operating the door:

Do not manually open the door in the stored position. In the stored position the door could be over extended, and the door hinge may be damaged.



To manually open and close the door in the boarding position, first unlock the door by moving the red knob to the left, then manually open the door. When boarding is complete the door may be manually closed and relocked.

Using a power drill for backup operations:

If your poolpod has a breakdown then you can use an auxiliary power source in the form of a cordless drill to power the functions of your poolpod while the problem is resolved.

The power source replaces the need to wind the handle manually. The setting valves work in exactly the same way as for the manual winding handle.

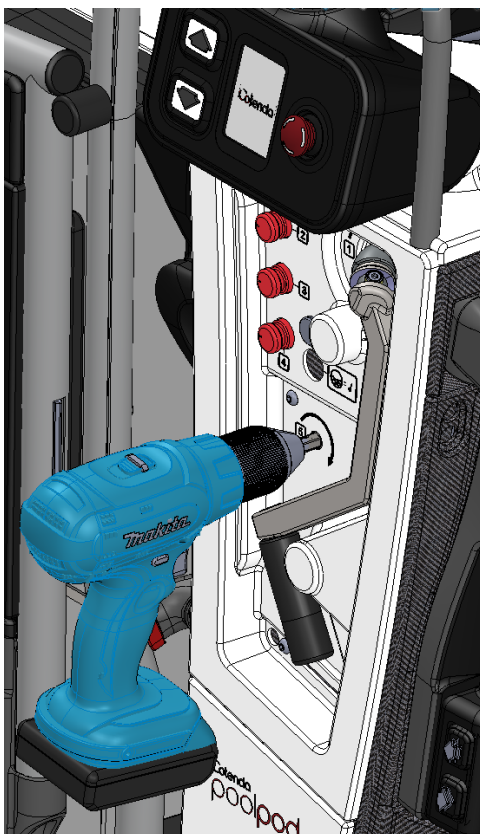
Step 1: Obtain a cordless power drill (example below).



Step 2: Locate the drill input shaft.



Step 3: Attach the drill tightening the drill chuck around the hexagonal shaft securely.



- The drill may be left attached to the poolpod for short periods of time such as when a person is embarking or disembarking from the platform.
- It is not recommended to leave the drill attached to the platform when the poolpod is not being used as the drill may be damaged by the moist environment. Additionally, if the drill is left in place an inexperienced user may attempt to use the Poolpod and cause damage to the system due to unfamiliarity with the manual controls.

Caution: The drill must be set to rotate clockwise; rotating the drill anticlockwise will not power the poolpod in the reverse direction, rather the direction of movement is reversed by changing the valve settings.

Maintenance

Regular inspections

Daily

Before use:

1. Inspect the machine for any loose panels or parts.
2. Install fully charged batteries.
3. Test that the lift is functioning correctly.
4. Test that the safety sensors are functioning correctly.
5. Test that all Stop buttons are functioning correctly.

After use:

1. Remove and charge the batteries.
2. Thoroughly rinse down the machine and accessories with fresh water.
3. Always leave batteries plugged into the lift even if the lift is not in operation. The Poolpod 3.0 lift is supplied with four batteries to ensure continuous operation. Two batteries should always be connected to the lift, while the remaining two can be on charge.

Weekly

Follow the cleaning manual to scrub off any pool residue

Monthly

Check Oil Levels and top up if necessary

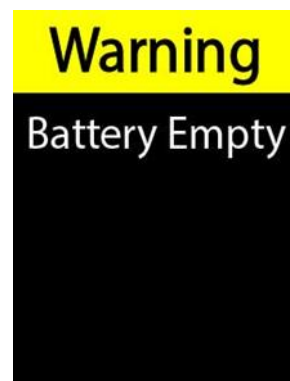
Biannual service

Follow the Service manual.

Fault finding

Warning messages

Battery Empty – one or more of the batteries for the lift is empty change/recharge the batteries.



Oil Temperature High – the hydraulic oil temperature is too high. turn off the lift a leave it to cool down.



Oil level Low – the low oil warning means the hydraulic oil reservoir is low, top up with the recommended grade of oil.

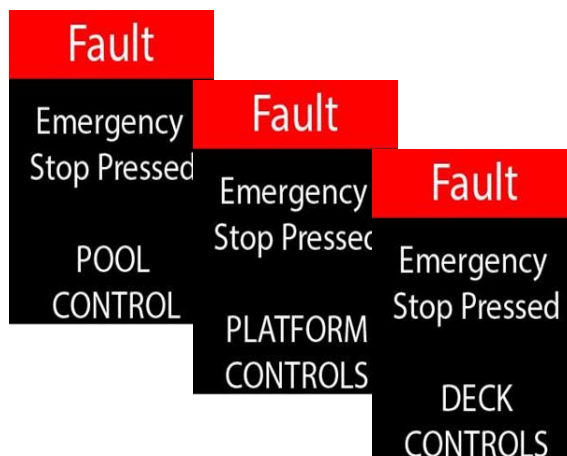


Error messages

Emergency Stop Pressed – reset the

Emergency Stop push button either:

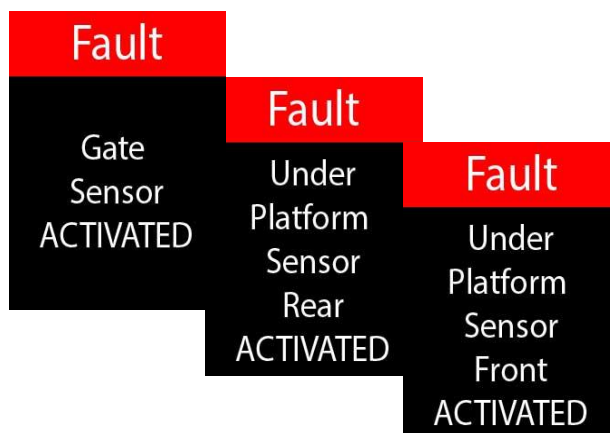
- Pool control
- Platforms Controls
- Deck Controls



Sensor Activated – reset the

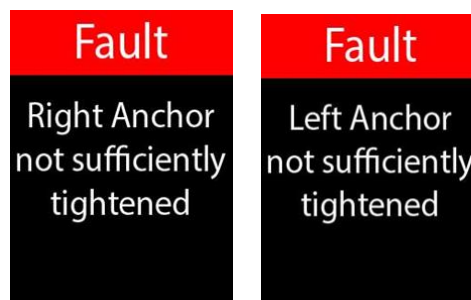
Emergency Stop push button either:

- Gate
- Under platform Rear
- Under platform Front



(Right/Left) Anchor not sufficiently tightened –

The left and/or right anchor bolt requires tightening.



Angle Sensor Fault – the lift has moved in an unexpected direction, check the manual hydraulic controls in the manual control compartment.



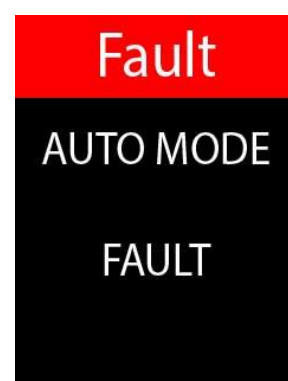
Arms Angle Mismatch – the lift has detected the main arms are too far out of sync. Manually bring the platform back to the stored position and turn the lift Off and then On again.



Button Fault CAN Fault – power lift Off and then On, if problem persists contact Cotenda for support.



Auto Mode Fault – contact Cotenda for support.

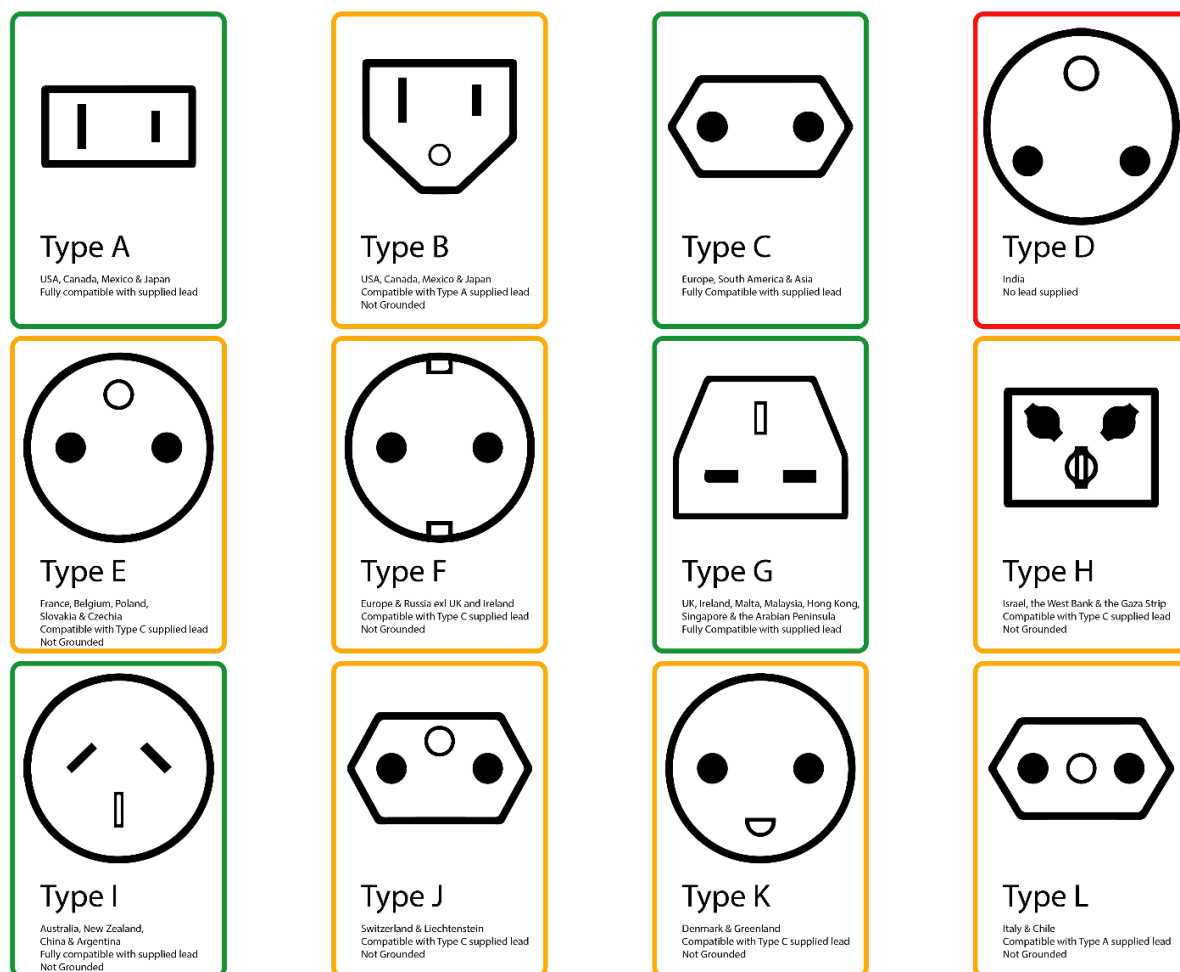


Safety Control Off – contact Cotenda for support.



Appendix

Worldwide Plug Type compatibility for battery charging system:



Hydraulic Oil Specification:

Use only the hydraulic oil specified for the Poolpod 3.0 Lift:

Type	NEVASTANE AW 32
Viscosity Grade	112
Manufacturer	Total Energies
Part Number	No 146881

Refer to the manufacturer's guidelines for the correct oil specification.

Contact Information

For assistance or further information, please contact:

Customer Support: (+44) 0141 2372127

Email: poolpod@corepdgroup.com

Website: <https://cotenda.com/>