RAYMEX® Lift User Manual

MODEL: RLABK (Black), RLABL (Blue), RLARD (Red)

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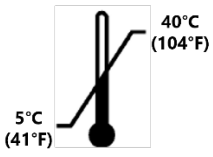
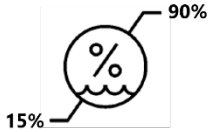
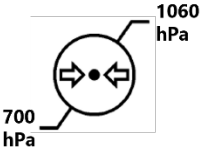
MD

Safety tested Production monitored TÜV SÜD C US







136 kg
(300 lbs)

16 kg
(36 lbs)

D
2 min ON /
20 min OFF

IP22

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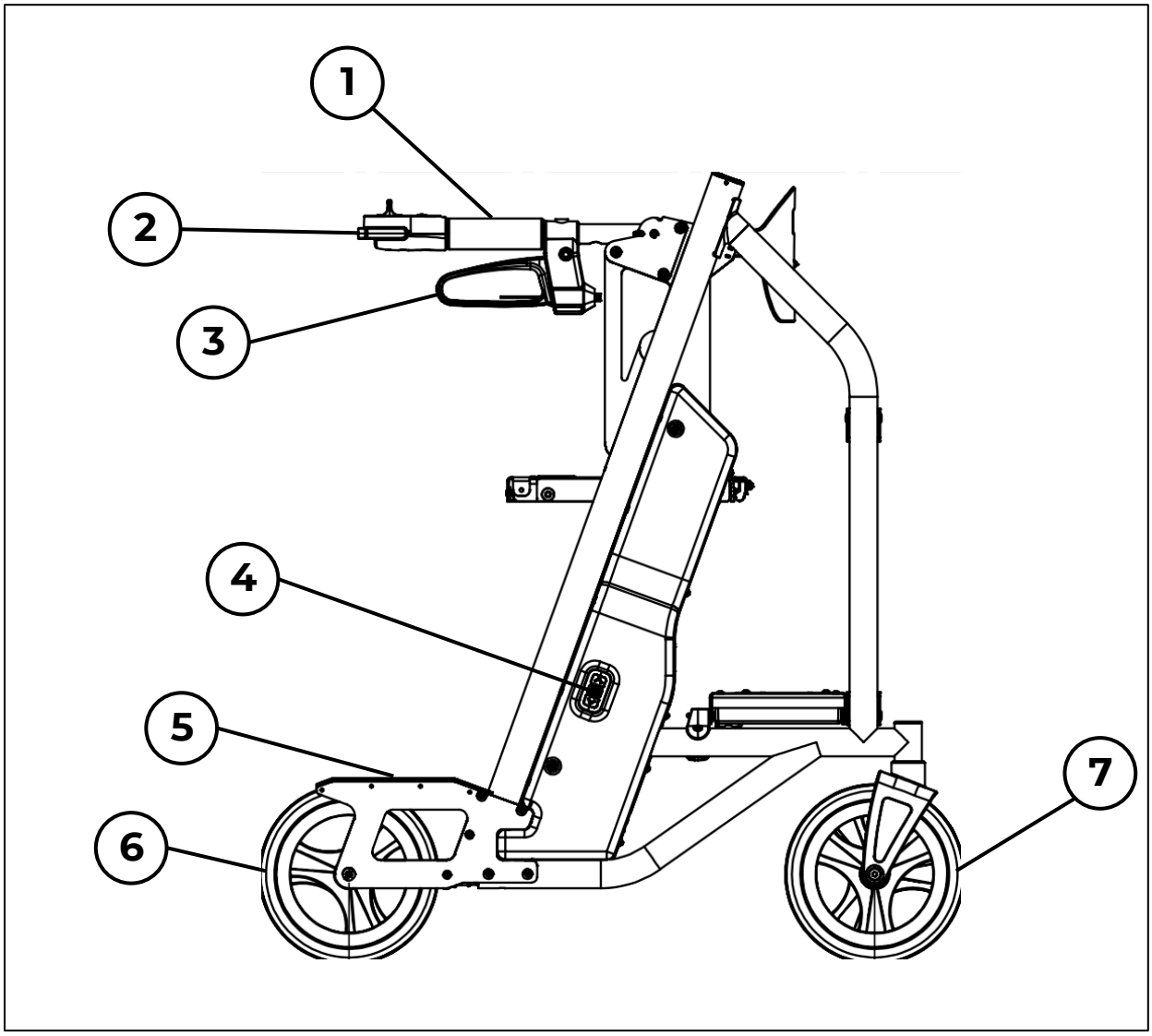
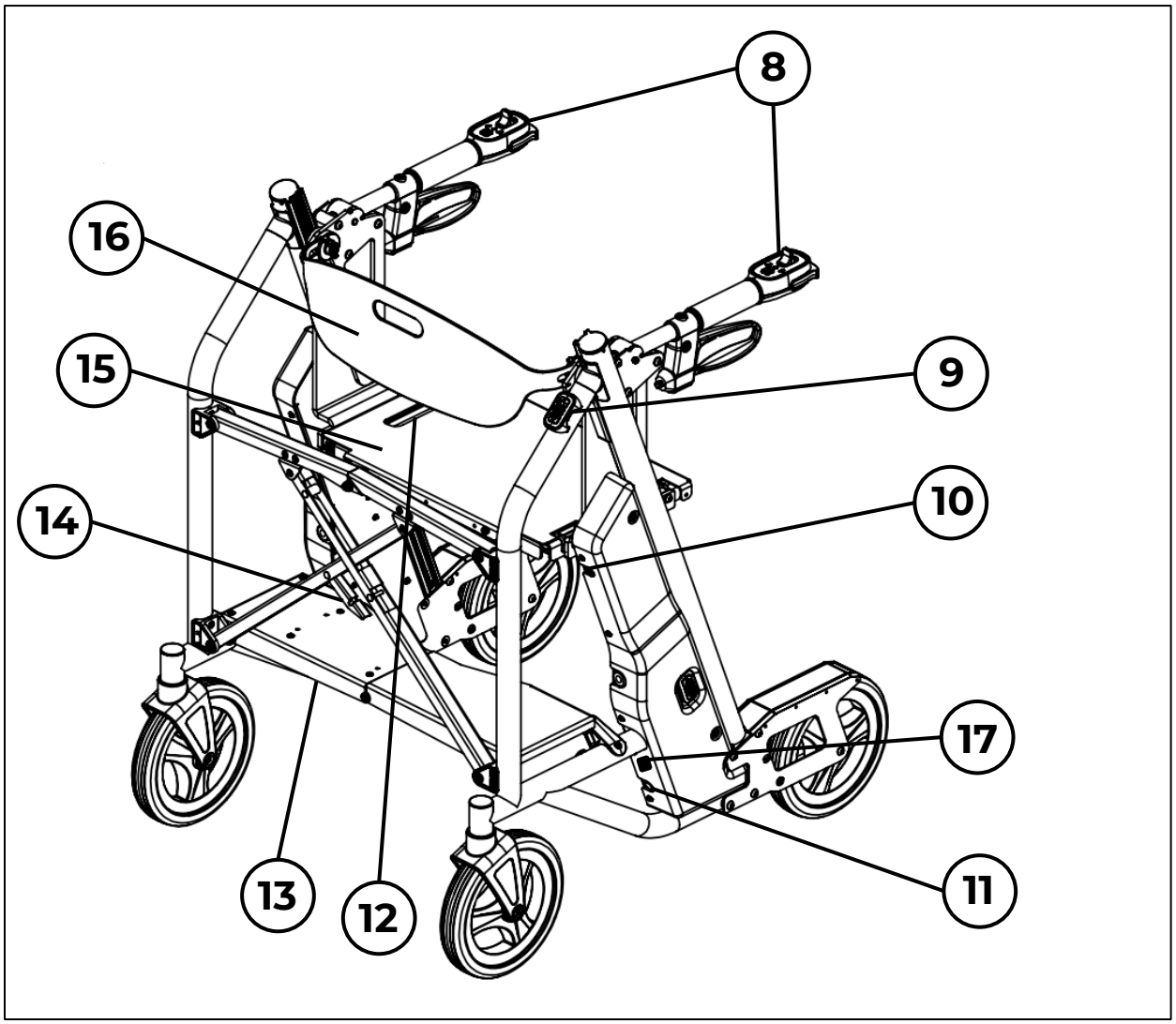
The RAYMEX® Lift



1	Handle*	**5**	Fender Grip
2	Rotating Handle Pull Tab*	**6**	Rear Wheel
3	Manual Brake Lever*	**7**	Front Caster Wheel
4	Lower Controls*		

*Applied Part



8	Primary Controls*	**13**	Battery Compartment
9	Upper Controls*	**14**	Folding Latch*
10	Battery Charger Port	**15**	Seat*
11	Preset Seat Height Button	**16**	Backrest*
12	Folding Handle*	**17**	ON/OFF Switch*

*Applied part

1 Introduction

The RAYMEX® Lift is an innovative device made by Axtion Independence Mobility Inc. It helps prevent falls and aids in recovering from a fall. This portable, personal lift is also a better alternative to a rollator walker. It has an elevating seat that can go down to the floor, rise to 24 inches (60 centimetres), and stop anywhere in between. Designed to help people keep their independence and an active lifestyle, the RAYMEX® Lift assists with daily activities, preventing falls before they happen, and is always ready to lift someone who has fallen.

Who Uses the RAYMEX® Lift:

- Older adults and people with mobility challenges.
- People with the upper-body strength and cognitive ability to operate the device.
- Those who find it hard to move or transfer between different heights, like beds, lower chairs, and/or toilets.
- People with various health conditions such as musculoskeletal, orthopedic issues, cardiac issues, neurological issues, chronic pain, and arthritis.
- Patients, caregivers, and clinicians are the intended operators of the equipment.

Consider the user before using the RAYMEX® Lift:

- Can the person transfer independently, or do they need assistance?
- The person's weight, physical and medical condition.
- The person's mental status: Are they aware of their surroundings and mentally able to use the RAYMEX® Lift?

The RAYMEX® Lift Key Features:

- Lifts to a height of 24 inches (60 centimetres) and lowers to ground level
- Rotating armrests/handles for easy transfers
- Rotating seat flips up for closer access within the walking frame
- Folds inward for easy transport
- Weighs 36 lbs (16 kg)
- Weight capacity: up to 300 lbs (136 kg)
- Battery life of 25 to 30 full lifts at the lift’s maximum capacity of 300 lbs (136 kg)

When the RAYMEX® Lift cannot be used:

- If the environment requires sterility (e.g., Operating room)
- In a room that emits significant electromagnetic radiation (e.g., MRI)
- Environments with excessive uneven terrain or steep inclines
- Individuals who are unable to bear weight on their legs
- Individuals who require full-time seated transport
- Individuals who have cognitive or upper limb impairment affecting safe operation
- Individuals who weigh more than the device’s maximum capacity

RAYMEX® Lift Environments of Use:

- The RAYMEX® Lift is intended for indoor and outdoor use in home, acute care, assisted living, long-term care, and non-acute rehabilitation environments.
- The device is not intended for use in surgical environments or near strong electromagnetic sources.

2 Safety Precautions

- ALWAYS use the RAYMEX® Lift with caution and follow instructions.
- ALWAYS keep arms and hands on handles when seated and operating the seat.
- DO NOT hold the seat edges or fender grips during seat movement.
- ALWAYS leave the brakes or Safety Lock ON when NOT using as a rollator.
- ALWAYS consider your ability to lift it when transporting; the RAYMEX® Lift weighs 36 pounds (16 kilograms).
- DO NOT use the RAYMEX® Lift for seated transportation like a wheelchair.
- DO NOT stand on the RAYMEX® Lift seat.
- ALWAYS ensure handles are set to the appropriate height for good posture.
- ALWAYS walk carefully within the walking frame.
- DO NOT leave the RAYMEX® Lift outside.
- ONLY use in uncluttered areas on even ground.
- DO NOT exceed the weight capacity of 300 pounds (136 kilograms).
- ALWAYS inspect for damage or wear and tear. If damaged, DO NOT use it until it is repaired or replaced.
- DO NOT put objects or fingers between the brushes, located along the frame where the seat moves up and down.
- ALWAYS recharge the battery when the Low Battery Icon flashes BLUE.
- ALWAYS use the RAYMEX® Lift approved battery and charger.
- DO NOT step on any part of the device.
- DO NOT perform any repairs or service as the user, caregiver, or patient
- DO NOT carry hot liquids in any open container within the cup holder or anywhere on the device
- ALWAYS check to make sure the handles are secure following any loosening or tightening of the adjustment knobs
- DO NOT use the RAYMEX® Lift adjacent to or stacked with other medical devices, to avoid improper use or electromagnetic interference. If such use is necessary, both devices should be checked to verify they are operating normally.

3 Environmental Conditions

Operating Conditions:

- Temperatures must be between +5°C and +40°C (41°F to 104°F).
- Relative Humidity must be between 15% and 90% (non-condensing).
- Atmospheric pressure must be between 700 hPa and 1060 hPa.
- Avoid cluttered areas and uneven flooring that could be a tripping hazard.
- Avoid extremely rough or inclined surfaces where safe use cannot be ensured.
- Avoid use of the device around pet hair, waste, debris or high dirt/dust areas as build-up may affect moving parts of the device.
- Ensure that pets or pests have not accessed any enclosure or chewed wiring which risks shock or fire.
- Ensure that pets or pests have not left waste or liquids on any part of the device which risks corrosion.
- Ensure that pets or pests have not scratched or clawed any part of the device which risks damage to controls or safety labels.

- Ensure children have not tampered with controls, placed objects in moving parts, or have access to the device which could cause mechanical failure or jamming.

Transport/Storage Conditions:

- Temperatures must be between -20°C and +40°C (-4°F to 104°F) for short term storage (up to 3 months), and between +10°C and +25°C (50°F to 77°F) for long term storage (longer than 3 months).
- Relative humidity must be between 10% and 85% (non-condensing).
- Atmospheric pressure must be between 700 hPa and 1060 hPa.
- The RAYMEX® Lift should be kept away from chemicals, fumes, or salt-laden air during storage.

Humidity and Temperature:

- Avoid extreme conditions throughout the house (e.g., bathrooms, kitchens, attics, garages, basements, etc.) that will expose the RAYMEX® Lift to high humidity or temperatures.
- Avoid significant splashing around bathtubs, showers, and sinks.

The RAYMEX® Lift is rated to IP22 (Ingress Protection level 22) meaning:

- Dirt, debris, or objects larger than 12 mm should not be able to enter crucial components of the RAYMEX® Lift causing malfunction.
- Liquid, light condensation, or light rain should not be able to enter crucial components of the RAYMEX® Lift causing malfunction.

4 User Setup

Before Using Your RAYMEX® Lift:

- Prepare the environment: Clear a flat and stable path for the RAYMEX® Lift. Make sure there's space for it to move freely.
- Ensure the RAYMEX® Lift user is wearing their usual walking shoes.
- Ensure that the ON/OFF Switch is in the ON position by pressing the ‘I’ surface.

Sizing the RAYMEX® Lift for the user:

- To size the RAYMEX® Lift, refer to Figures 1 & 2 below.
- Adjust the preset height of the RAYMEX® Lift seat:
  - The seat can be programmed to stop at a certain height each time. To set this height:
    i. Engage the parking brake.
    ii. Sit on the seat with feet flat on the floor.
    iii. Raise or lower the seat using the Up and Down Paddle Switch. Position the seat at a height where the person’s hips are slightly above their knees.
    iv. A second person should set the preset height by pushing the preset seat height button.
    v. The lock/unlock icons on each of the switches should flash when the preset seat height has been set.
    vi. Test the preset height to ensure the seat stops at the set height.
    vii. Each time after, the seat will reach that specified height and stop, lighting up the blue preset seat icon as shown in Figure 1.

Figure 1 Preset Seat Height Icon

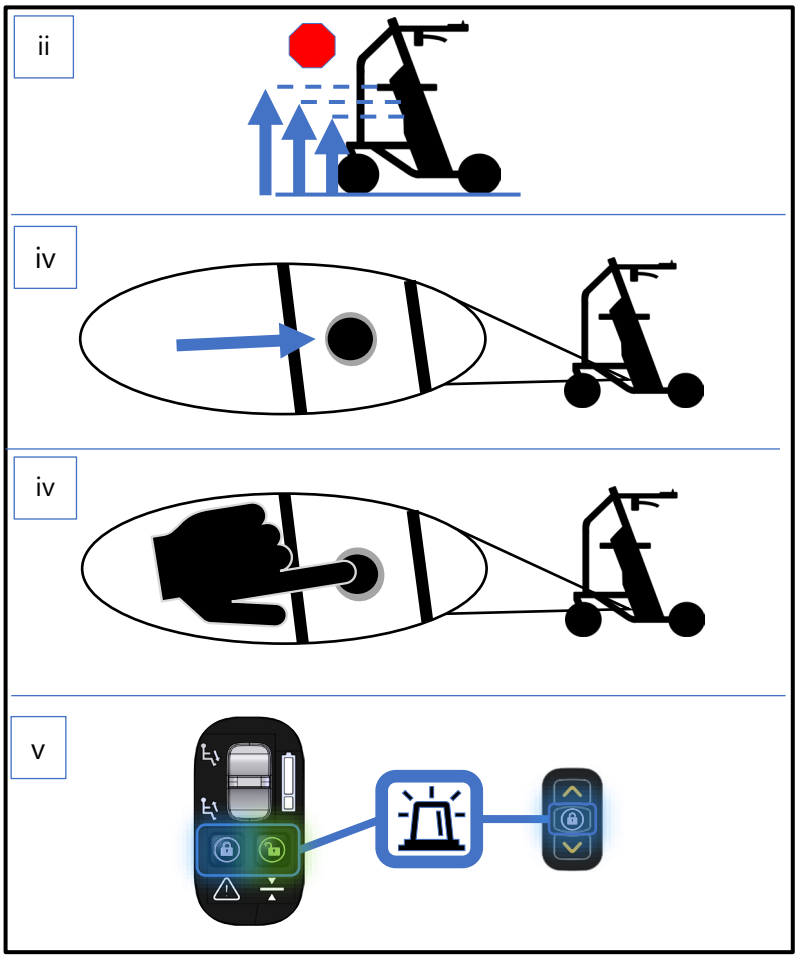


Figure 2 Preset Seat Height Instructions

- Adjust the height of the handles:
  i. Engage the parking brake.
  ii. Position the seat at the preset seat height.
  iii. Stand upright within the RAYMEX® Lift frame.
  iv. Locate the adjustment knobs.
  v. Spin both knobs counterclockwise to loosen and adjust the handles.

vi. With the person's arms hanging at their sides, position the handles at a height where they are level with the person's wrists.
vii. Tighten both knobs when at the desired height. Ensure adjustment knobs are tightened and that the handles are secured.

Charging the RAYMEX® Lift:

- To charge the RAYMEX® Lift, refer to Figure 3 below.
  i. Connect the power cord into the power supply (CUI Inc.).
  ii. Plug the other end of the power cord into a suitable mains/power outlet (100-240V, 50-60 Hz, 1.6A-0.7A).
  iii. Plug the barrel jack connector into the RAYMEX® Lift charging port.
  iv. Charging will take 3-4 hours, and both lights on the Battery Icon will light up BLUE when charging is complete.
    - The lift can be used while charging, if the battery is at 11% or greater.
  v. Unplug the power cord from the device followed by the mains/power outlet.
- **CAUTION**: ONLY charge the RAYMEX® Lift with the manufacturer provided charge cable (CUI Inc. Medical Power Supply with the 60" (1.52 m) charge jack cable and 78" (1.98 m) wall cable). DO NOT use any accessories, transducers or cables other than the cable provided, as this could result in improper operation.
- **CAUTION**: Do not place the RAYMEX® Lift in a position that would make it difficult to unplug the power cord from mains/power outlet.
- **CAUTION**: Do not place the power cord around neck or in a position where strangulation could occur.

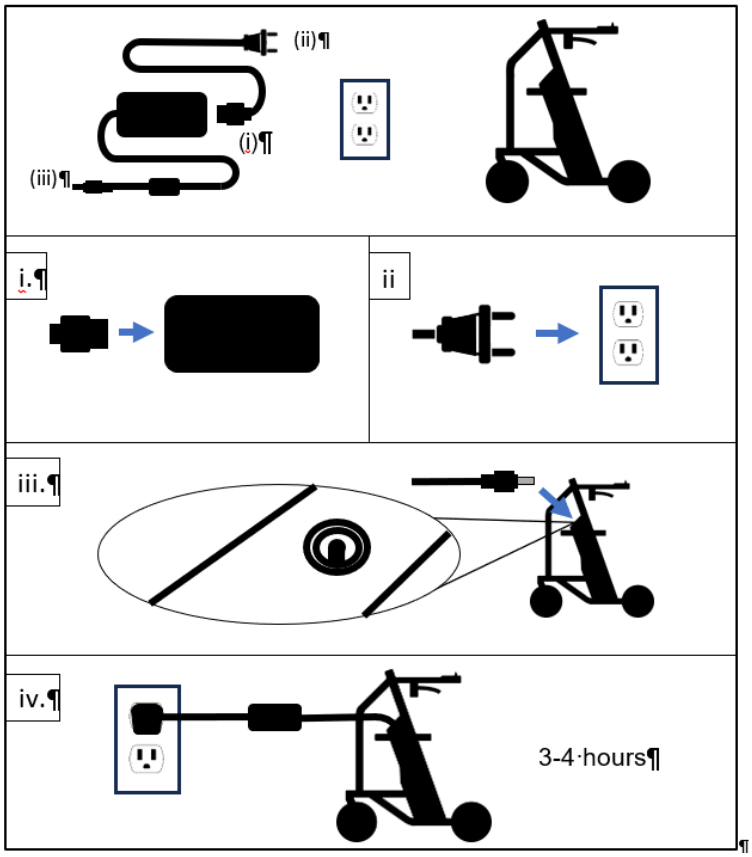


Figure 3 Charging Instructions

5 Controls and General Instructions

This section explains all the controls you can use with the RAYMEX® Lift and gives step-by-step instructions on how to operate each one (See Figures 7 & 8 for the location of the controls).

Manual Brakes:

- To slow the RAYMEX® Lift while walking, gradually pull up or squeeze the Manual Brake Levers.
- Release the Manual Brake Levers to resume normal walking pace.
- To engage the parking brakes, push down on the Manual Brake Levers until they lock. To release, pull up on the Manual Brake Levers.

Safety Lock:

- The Safety Lock works like a parking brake and can be engaged in three places: the Primary Controls, the Lower Controls, and the Upper Controls.
- To lock the wheels, press the Safety Lock Button on the Primary Controls, the Upper Controls, or the Lower Controls. The light should flash BLUE to show that the brake is ON (Figure 4).
- To unlock, press the Safety Unlock Button on the Primary Controls, or the Safety Lock Button on the Upper Controls, or the Lower Controls. The light should flash GREEN to show that the brake is OFF (Figure 5).
- NOTE: The Safety Lock engages automatically as the seat is raised or lowered.

Figure 4 Safety Lock to Indicate Brake ON

Figure 5 Safety Lock to Indicate Brake OFF

Seat Controls:

- The seat can be raised or lowered using the Primary Controls, the Lower Controls, or the Upper Controls.
- To raise or lower from the Primary Controls, use the Up and Down Paddle Switch.
- To raise or lower from the Upper or Lower Controls, use the Up or Down Buttons.
- If there is a drastic change in weight on the seat, or if there is an obstacle restricting travel, the load surge icon will turn on for five seconds. Users should assess the situation to ensure that they are operating the device safely (Figure 6).

Figure 6 Load Surge Icon

Rotating Handles:

- The handles of the RAYMEX® Lift rotate upward 90 degrees for transfers and entering the seat from the floor.
- Ensure the device is unfolded to its full width before rotating the handles up or down. This avoids potential brake cable pinching.
- To rotate the handles up, pull the Rotating Handle Tab away from the handle and pull up on the handle. To return, simply lower the handle until it clicks into place.

Rotating Seat:

- The seat rotates upward for walking or standing inside the frame or for toilet transfers.
- To rotate the seat up, lift the front edge upward. To rotate down, push the seat down until it locks into place.

Folding Seat and Frame:

- The seat and frame fold inward partially for navigating narrow spaces or fully for storage or transport.
- To fold inward, pull up on the Folding Handle on the right side of the seat. To unfold, push down on the seat until it locks into place.

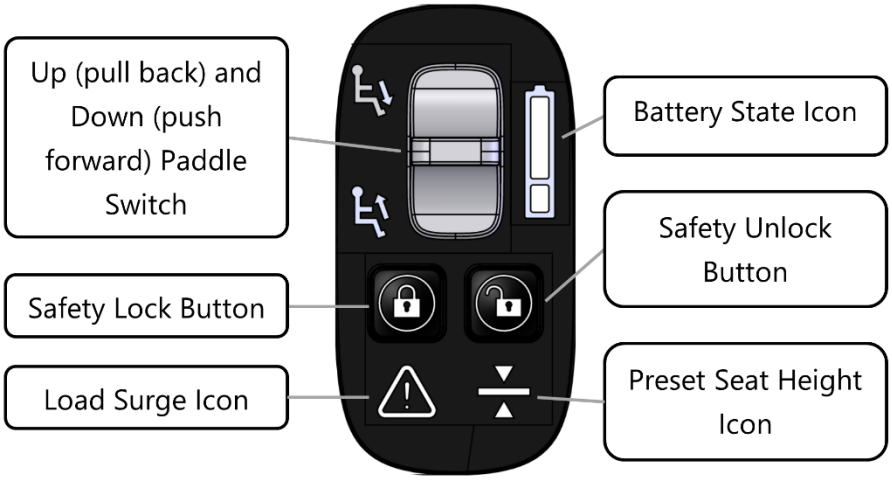


Figure 7 Primary Controls Diagram

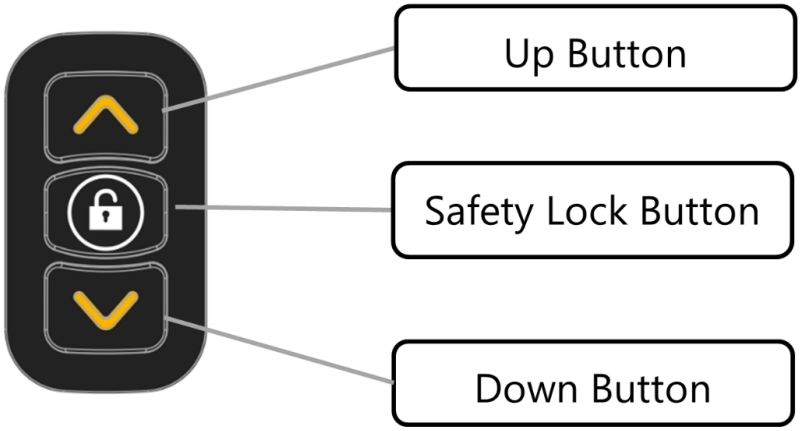


Figure 8 Upper and Lower Controls Diagram

6 Operating Instructions

Mobility - Using the RAYMEX® Lift as a Rollator Walker:

- Assess the environment before walking. Ensure a clear, flat, and stable path.
- Wear proper footwear and glasses if needed.
- Consider your physical fitness, energy level, and abilities before walking.
- Take breaks before getting tired. The RAYMEX® Lift can be used as a temporary seat.
- Walk by standing within the frame, holding the handles, and taking small, controlled steps (Figure 9).
- The RAYMEX® Lift can be used as a rollator with the seat rotated up or down.
- Use the brakes to slow down or stop. Squeeze the brake levers to engage and release to unlock.

Figure 9 Walking Upright while Using the RAYMEX® Lift as a Rollator

Fall Recovery - Using the RAYMEX® Lift Independently:

- Assess the situation before using the RAYMEX® Lift as a lift.
- Stay Calm and get into a comfortable position.
- Check for injuries and assess mobility.
- Lower the lift seat to ground level using the Lower Controls.
- Move close to the RAYMEX® Lift and guide yourself onto the seat (Figure 10).
- Rotate the handles if needed.
- Raise the seat using the Primary Controls.
- Stand and move to a safe location (Figure 11).
- Monitor for injuries and changes in condition.

Figure 10 Using the Seat of the RAYMEX® Lift from the Lowest Position

Figure 11 Standing up from the Preset Seat Height

Fall Recovery - Using the RAYMEX® Lift with Caregiver or Companion Assistance:

- Assess the situation and help the person get comfortable.
- Check the person's cognition and injuries.
- Assess mobility and prepare the environment.
- Place the RAYMEX® Lift close to the person.
- Lower the seat using the Upper Controls and guide the person onto it.
- Rotate handles if needed.
- Raise the seat to a safe height.
- Assist the person to stand and move to a safe location.
- Monitor for injuries and changes in condition.

Fall Prevention - Using the RAYMEX® Lift for Transferring On/Off a Seat with Two Arms:

- Set up the RAYMEX® Lift at an angle to the chair, depending on the space (45 to 120 degrees).
- Lower the RAYMEX® Lift seat to match or be slightly lower than the chair seat.
- Lift the handle closest to the chair by pulling the Rotating Handle Tab, moving it out of the way.
- Put your foot closest to the RAYMEX® Lift between its wheels.
- Place one hand on the RAYMEX® Lift's handle and the other on the chair's arm.
- Gently push up and rotate until your hips are parallel with the seat, then sit down.
- Pull your second foot between the RAYMEX® Lift's wheels.
- Lower the handle of the RAYMEX® Lift.
- Raise the RAYMEX® Lift seat to the preset height.
- Push up to stand.
- Turn around, keeping a hand on the RAYMEX® Lift handles.
- Press the Safety Unlock Button on the Primary Controls until it flashes GREEN to unlock the wheels.

Fall Prevention - Using the RAYMEX® Lift for Transferring On/Off a Seat Without Arms:

- Position the RAYMEX® Lift beside the seating surface (e.g. chair, bed, sofa, bench) or at an angle (up to 120°).
- Lower the RAYMEX® seat to match or be slightly lower than the seating surface.
- Lift the handle closest to the seating surface by pulling the Rotating Handle Tab.
- Put your foot closest to the RAYMEX® Lift between its wheels.
- Place one hand on the RAYMEX® handle and the other on the seating surface.
- Gently push up and rotate until your hips are parallel with the seat, then sit down.
- Pull your second foot between the RAYMEX® Lift's wheels.
- Lower the handle of the RAYMEX® Lift.
- Raise the RAYMEX® Lift seat to the preset height.
- Push up to stand.
- Turn around, keeping a hand on the RAYMEX® Lift handles.
- Press the Safety Unlock Button on the Primary Controls until it flashes GREEN to unlock the wheels.

Fall Prevention - Using the RAYMEX® Lift for Transferring On/Off a Toilet:

- Roll the RAYMEX® Lift into the toilet area.
- Rotate the RAYMEX® Lift seat upward.
- Turn the RAYMEX® Lift around 180 degrees, where the user's back is facing the toilet seat.
- Get close to the toilet seat, holding RAYMEX® Lift handles.
- Lock the RAYMEX® Lift wheels using the Safety Lock Button or Manual Brake Levers.
- While standing, lower the RAYMEX® Lift seat to the same height as the toilet seat using the Up and Down Paddle Switch.
- Lift or lower your garments and undergarments.
- Use RAYMEX® Lift handles to lower yourself to the toilet seat.
- After toileting, use RAYMEX® Lift handles to stand up, slightly bent over.
- Hold handles and raise the RAYMEX® Lift seat using the Up and Down Paddle Switch, pulling it toward you.
- Reset your garments and undergarments.
- Disengage the Safety Lock or Manual Parking Brake set previously.
- Leave the seat of the RAYMEX® Lift rotated upwards. Walk safely to the nearest sink. Position the RAYMEX® Lift in front of you, stand inside the frame, and wash your hands.

Fall Prevention - Lowering to Perform Activities of Daily Living:

- Position the RAYMEX® Lift with the seat facing the surface or area where the user is going to perform the activity (e.g. lower shelf, front load appliances, gathering items from ground, etc.).
- Sit on the seat and use the Primary Controls to lower yourself to the desired height.

Exercise and Rehabilitation - Using the RAYMEX® Lift for Sit-to-Stand Practice:

- The RAYMEX® Lift supports graduated sit-to-stand and stand-to-sit practice, with stable support and customizable positions helping users to safely and comfortably build confidence, improve functional strength, and practice transfers.
- To begin using the RAYMEX® Lift for functional compound movements such as sit-to-stand, ensure that the device is properly fitted to the patient.
- Adjust the seat height to suit the movement being performed, using the preset, or by using the numerical scale on the side of the RAYMEX® Lift.
- Exercise difficulty can be adjusted by changing seat height and tracked over time by noting the seat height on the numerical scale on the RAYMEX® Lift.
    - Difficulty generally increases with lower seat heights, requiring greater lower-extremity strength.
    - Difficulty can also be graded depending on use of the armrests: allowing upper-extremity assistance to reduce demand, or removing armrest use to increase challenge and place more load through the lower extremities.
- Position the RAYMEX® Lift with the seat facing the area where the user is going to perform the assessment or activity and engage the brakes.
- Proceed with the assessment, exercise, or functional compound movement.

Folding and Unfolding the RAYMEX® Lift for Storage or Transport:

- Prior to folding, lower the seat so that it is level with the top of the fenders, unlock the brakes, and ensure that no part of the seat is higher than any part of the frame when folded.
- Press the 'O' surface on the ON/OFF Switch to ensure that the device is OFF while being transported or stored (Figure 13).
- Ensure the seat is flat and pull up on the Folding Handle on the right side of the seat.
- Secure the seat into the folded position.
- Fold the frame together, moving one side towards the other.
- Make sure the folding latch is securely locked in place.
- To unlock the folding latch, pull on the latch and the device will partially unfold.
- Pull the handles apart for the device to fully unfold.
- Push down on the seat until it locks into place.

7 Accessories

- Cup Holder

8 The RAYMEX® Lift Battery

- The RAYMEX® Lift's battery can complete approximately 30 full cycles up and down at a full load of 300 pounds (136 kg).
- Battery: Inspired Energy #PH3059QE29
  - Standard Voltage: 28.8V
  - Standard Capacity: 2.60Ah
  - Power: 78Wh
- Duty Cycle: The RAYMEX® Lift should only be run 2 minutes for every 20 minutes of idle time.
- Battery Levels are indicated when the device is in use as follows (Figure 12):
  - 26-100% battery level, both lights illuminated BLUE
  - 11-25% battery level, single light illuminated BLUE
  - 0-10% battery level, single light flashing BLUE, the seat will not move, and electronic brakes will be disengaged
- Check the battery level; do not use the RAYMEX® Lift when the Low Battery Icon indicator flashes BLUE.
- Recharge the battery when the Low Battery Icon indicator flashes BLUE.
- The battery is not meant to be removed or replaced.
- Given normal storage and usage, users can expect the battery to deliver 80% or more of its initial capacity after 300 charge/discharge cycles.

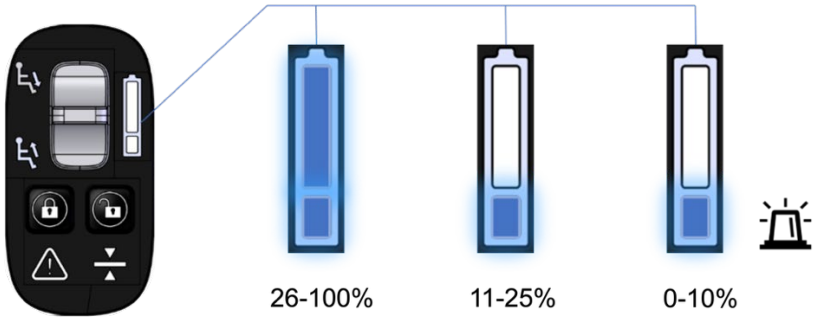


Figure 12 Battery Level Indicators

9 Cleaning the RAYMEX® Lift

- Wipe the RAYMEX® Lift's frame with mild soap and water. DO NOT USE corrosive, oxidizing, or abrasive cleaners.
- Remove debris immediately to limit build-up. Dust or dirt could increase friction on the lifting mechanism causing the lift to become inoperable.
- Ensure hinge points and electronic interfaces are clear of dust and dirt. Dust or dirt could increase friction on the hinge points and interfaces causing the components to become inoperable.
- Do not use excess water on the control panels' electronic surfaces.
- Use a disinfectant solution or mild soap and warm water if concerned with bacteria growth.
- Clean device each month or every 300 lifts for same user.
- Clean device between patients.

10 Electromagnetic Compatibility

- The RAYMEX® Lift is suitable for use in industrial areas and hospitals (CISPR 11 Class A) and residential environments (CISPR 11 Class B).
- The RAYMEX® Lift does not deviate from the IEC 60601-1-2:2014+A1:2020 standards.
- The RAYMEX® Lift is not classified as large, permanently installed, medical electrical equipment, and does not claim capability with high frequency surgical equipment.
- The RAYMEX® Lift should not be exposed to significant electromagnetic radiation (e.g. MRI).
- Specified use of the device, only in a shielded location is not applicable to the RAYMEX® Lift.
- If the RAYMEX® Lift undergoes electromagnetic radiation, follow the guidelines in the troubleshooting section of this manual to reset the device (Figure 14).
- Use of accessories, transducers and cables other than the provided charge cable with the RAYMEX® Lift risks increased electromagnetic emissions or decreased electromagnetic immunity of the device, resulting in improper operation.
- The RAYMEX® Lift does not intentionally receive radiofrequency (RF) signals but should not be used or stored closer than 30 cm (12") from RF emitters (e.g. remote-control cars or their controllers).

11 Troubleshooting

- If the RAYMEX® Lift is unusable due to a non-mechanical issue, the device should first be examined for any visual or mechanical defects/damage.
- Essential performance of the RAYMEX® Lift occurs when all components, including the device seat, armrests, brakes, wheels, charging port, and controls, operate as described.
- If the electronic brakes or lift are not functioning, even after charging the device, this indicates that the device may not be operating at its essential performance.
  - This could happen if RAYMEX® was exposed to electromagnetic disturbance.
- If the lift is not functioning at essential performance, the device may need to cycle the power, by shutting the power off and back on again.
- The device can be shut down by pressing the ON/OFF Switch to the OFF position (Figure 13).
- To maintain operation, ensure that the ON/OFF Switch is in the ON position.
- If cycling the power does not return the device to essential performance, the RAYMEX® Lift has a reset button to reset the electrical controls. It is located on the right side of the device, directly above the seat controls. A pen, pencil or similarly shaped tool must be used to press the button located on the inside of the side cover through an access hole (Figure 14).

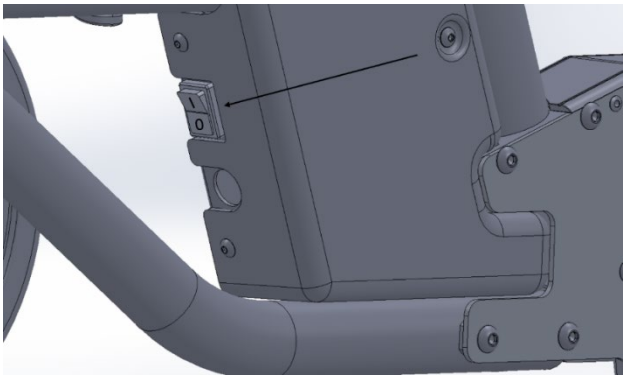


Figure 13 ON/OFF Switch Location

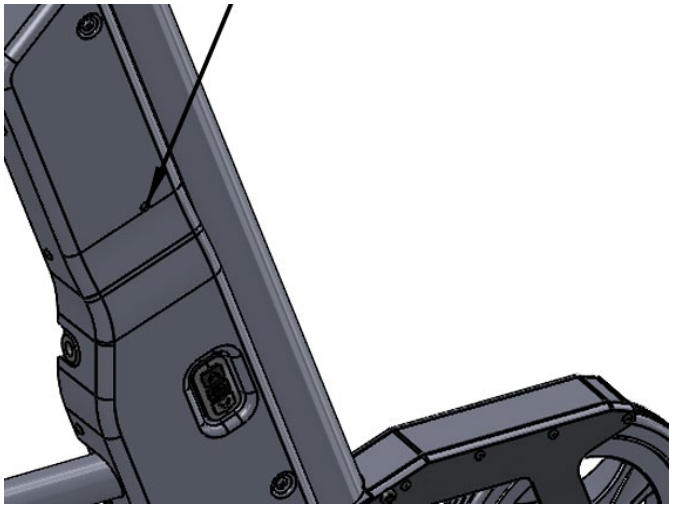


Figure 14 Reset Button Location

12 Transporting the RAYMEX® Lift

- The ON/OFF Switch should be in the OFF position to avoid any inadvertent operation of the device.
- Devices must be protected from condensation and rain.
- Avoid dropping the device or subjecting it to rapid movements that exceed acceptable shock or vibration levels from transport.

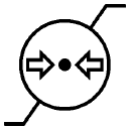
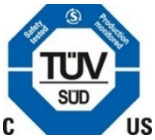
13 Servicing the RAYMEX® Lift

- Do not attempt to alter, service, replace, or modify the RAYMEX® Lift in any way.
- The device can be identified by the model number RLAXX, where XX can be:
  - BK for the black framed model
  - BL for the blue framed model
  - RD for the red framed model
- The serviceable lifetime of the device is five years when using the device 4.5 times per day (8,212 cycles).
- At the end of its service life, the device must be disposed of in accordance with applicable local, state, and regulatory requirements to ensure environmental and safety compliance.
- Axtion Independence Mobility Inc. does not take responsibility for any alterations (adjustments or inadequate repairs) done to the product without prior authorization.
- The RAYMEX® Lift Technical Description is supplied with the device by Axtion Independence Mobility Inc.

Please contact Axtion Independence Mobility Inc. for questions setting up, using, or maintaining the equipment.

Please report any malfunctions to Axtion Independence Mobility Inc.

Table 1: Symbols

	General Warning		Pinch Warning		Crush and Entanglement Warning
	Do Not Stand Warning		Consult user manual		Type BF applied part
	Manufacturer		Date of manufacturing and country where manufactured	IPXX	Ingress protection rating.
	Serial Number		Model / Catalogue Number		Medical Device
	Humidity Range		Working atmospheric pressure range		Storage temperature range
	Maximum weight capacity		Device weight	D	Duty cycle of lifting platform
	Importer		Distributor	UKRP	United Kingdom Responsible Person
UK CA	UK Conformity Assessment		*Product Certification	IP22	Ingress Protection Rating

*The TÜV SÜD certification mark indicates that the product has been independently evaluated, tested, and certified by TÜV SÜD in accordance with the requirements defined in the applicable certification scheme (e.g. safety, performance, or quality standards). This is a voluntary conformity mark demonstrating that TÜV SÜD has verified compliance with specified criteria at the time of certification. This mark does not imply regulatory approval or replace mandatory conformity markings such as CE marking, UKCA marking, FDA clearance, or other jurisdictional requirements.

Table 2: Compliance Information for Each Test

Phenomenon	Test Method	IEC 60601-1-2:2014+A1:2020 Test Levels for Basic Safety & Essential Performance	IEC TS 60601-4-2:2024 Test Levels for Non-Essential Performance
Mains Terminal Disturbance Voltage (Conducted Emissions)	CISPR 11	Group 1, Class B N/A	N/A
Electromagnetic Radiation Disturbance (Radiated Emissions)	CISPR 11	Group 1, Class B N/A	N/A
Harmonic Current Emissions	IEC 61000-3-2	Class A	N/A
Voltage Changes, Voltage Fluctuation, and Flicker Emissions	IEC 61000-3-3	N/A	N/A
Electrostatic Discharge	IEC 61000-4-2	±8kV Contact ±2kV, 4kV, 6kV, 8kV, 15kV Air	±8kV Contact ±2kV, 4kV, 6kV, 8kV, 15kV Air
Radiated RF EM Fields	IEC 61000-4-3	10V/m 80MHz – 2.7GHz 80% AM at 1kHz	3V/m 80MHz – 2.7GHz 80% AM at 1kHz
Proximity Fields from Wireless Communications Equipment	IEC 61000-4-3	Per IEC 60601-1-2:2014 Table 9	Per IEC TS 60601-4-2 Table 7
Rated Power Frequency Magnetic Fields	IEC 61000-4-8	30A/m. 50Hz and/or 60Hz	3A/m, 50Hz and/or 60Hz
Electrical Fast Transients / Bursts	IEC 61000-4-4	±2kV, 100kHz for AC Mains Ports ±1kV, 100kHz for SIPS/SOPS Ports	±1kV, 100kHz for AC Mains Ports ±0.5kV, 100kHz for SIPS/SOPS Ports
Surges	IEC 61000-4-5	±1kV Differential Mode ±2kV Common Mode	±1kV Differential Mode ±2kV Common Mode
Conducted Disturbances Induced by RF Fields	IEC 61000-4-6	3Vrms 150kHz – 80MHz 80% AM at 1kHz 6Vrms ISM and Amateur Radio Bands between 150kHz and 80MHz 80% AM at 1kHz	3Vrms 150kHz – 80MHz 80% AM at 1kHz
Voltage Dips, Short Interruptions and Voltage Variations	IEC 61000-4-11	0% of Nominal Voltage, 0.5 cycles at 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315° 0% of Nominal Voltage, 1 cycle 70% of Nominal Voltage, 25/30 cycles 0% of Nominal Voltage, 250/300 cycles	0% of Nominal Voltage, 0.5 cycles at 0°, 180° 70% of Nominal Voltage, 25/30 cycles 0% of Nominal Voltage, 250/300 cycles
Radiated Fields in Close Proximity	IEC 61000-4-39	30kHz, 8A/m, CW 134.2kHz, 65A/m, 50% PM at 2.1kHz 13.56MHz, 7.5A/m, 50% PM at 50kHz	N/A

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