



4H175 + 4H175E PAEDIATRIC COT

USER MANUAL



Thank you for choosing this Aidacare 4H175 + 4H175E Paediatric Cot.

This product has been specifically designed to offer
comfort, support and safety.

**It is important that you read this user manual carefully
before using your new 4H175E Electric Paediatric Cot.**

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1. SYMBOLS USED IN THIS MANUAL

The symbols below are used throughout this owner’s manual and on the product to identify warnings and important information. It is very important for you to read them and understand them completely.



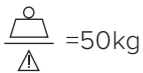
Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage or malfunction. On the product, this icon is represented as a black symbol on a white triangle with a black border.



ALWAYS! These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white infinity symbol on a black dot with a white border.



DO NOT! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol with a black circle and black slash.



SAFE WORKING LOAD (SWL). This weight represents the total maximum weight that the bed can carry, including patient, mattress, bedding, bed ends and accessories. This weight (50kg) should not be exceeded at any time.



Please scan the QR code or visit our website aidacare.com.au and search 4H175E Electric Paediatric Cot to access product marketing and technical documentation.

2. SYMBOLS USED ON THE PRODUCT



Please note: Sticker is sample only and not to scale

Product Code

SN Serial Number

Manufacturer

Importer

Includes Electronics components and should be mixed with General household waste

Read User Manual

Caution

MD Medical Device

50Kg Safe Working Load

AUS Country of Manufacture

3. INTRODUCTION

The 4H175 + 4H175E Paediatric Cot are electrically operated Hi/Lo or fixed height paediatric cots. Ease of use, functionality, safety, soft feel edges and cleaning practicality are some of the key features of the cot. The cot is fabricated from powder coated steel for a durable frame with light weight CNC machined aluminium sides, end rails and plastic covers.

This manual is designed to assist you with the operation of the paediatric cot. It is extremely important for the patient’s safety to read and understand all information in this manual before operating the cot. The manual must always be available to hospital staff for reference.

This Operations Manual is an integral part of the cot and should be included if the unit is sold or transferred. If required Aidacare can provide specialist training for the paediatric cot.

CLINICAL APPLICATIONS AND AREA OF USE

The cot is appropriate for child patient under supervised medical monitoring.

KEY FEATURES

- 12° Trendelenburg electric adjustment
- Lightweight CNC machined aluminum side and end rails
- Ventilated mattress base
- Smooth glide side and end rails
- Obstruction-free base design for access on all sides and ends
- 2-stage safety rail latches
- Positioned safety rail
- Soft internal and external edges
- Unique angular safety corners
- Effortless side rail operation with Zero Gravity assist mechanism
- Battery backup for electrical operation during transportation between wards and during power outages in emergencies

4. SAFETY PRECAUTIONS

This User Manual outlines the intended use of the 4H175E Electric Paediatric Cot.

The intended use constitutes achieving full functionality while maximizing safety and efficiency for care staff and patients alike. It is important to read this User Manual in its entirety before operating the cot.

The manual is designed to ensure that users are equipped with the information required to competently and responsibly operate the cot and its accessories. It is recommended to keep the User Manual in an easily accessible place for quick reference.

If necessary, Aidacare product specialists can provide additional training.

All warnings and cautions within this manual should be strictly adhered to. Failure to do so could result in harm to the patient or operator. Warnings highlighted throughout this manual identify possible hazards in procedures or conditions that, if not followed correctly, could result in serious injury or fatality..

5. WARNINGS

- **DO NOT** use the cot for more than one patient
- **DO NOT** leave objects or toys in the cot
- **DO NOT** use a water mattress with this cot.
- **DO NOT** use accessories that are not designed and/or approved for use with the Paediatric Cot
- **DO NOT** lower rails if patient's limbs are protruding through the rails
- **ALWAYS** use a mattress of appropriate size and type
- **ALWAYS** make sure that the patient is safely positioned to avoid entrapment before operating cot
- **ALWAYS** ensure that attendant and patient limbs are free from potential entrapment areas before operating any functions
- **ALWAYS** apply the brakes when the bed is stationary. Push on the cot to ensure the brakes are securely locked. Injury could result if the cot moves while a patient is placed or removed from the stretcher. When brakes are applied be sure all four casters are locked to ensure a complete immobilisation of the cot.



CAUTION! Always apply brakes when the bed is in a stationary position.



WARNING! Do not operate the rails when there is potential of entrapment or crushing to the patient, caregiver, visitor or other equipment.



CAUTION!

DO NOT use abrasive Hypocarbonate or Phenolic compounds or pads

DO NOT use acid, alkaline, or any other chemical solvents

DO NOT use agents which could alter the structure and behaviour of the power coat or any plastics, eg. petrol, toluene, acetone etc.

DO NOT steam clean, Hose off, autoclave or ultrasonically clean cot.

Germicidal disinfectants and/or chlorine bleach products are not considered mild detergents. These products are corrosive in nature and may cause damage to the cot if used improperly.



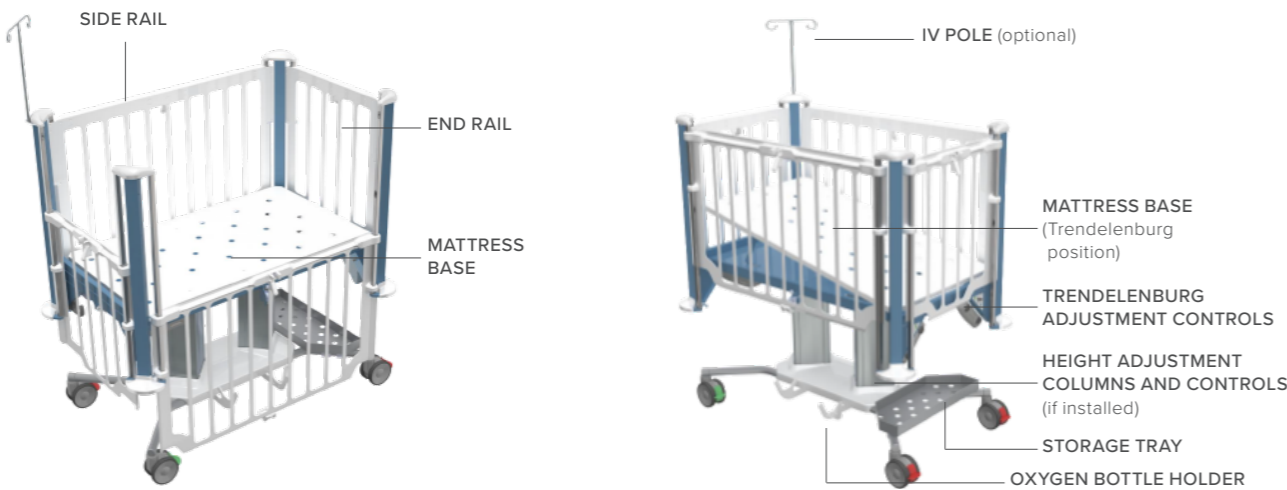
WARNING! Inspect mattress after each use. Discontinue use if any cracks, rips are found in the mattress cover.

- Ensure that the age, size, and condition of the patient are considered by the clinically qualified person responsible before using the cot and its accessories.

- Hospital staff should verify that all cot components (rails, mattress, release mechanism, accessories, etc.) are in good condition and properly secured before placing a patient in the cot to ensure a safe environment for the patient.
- **DO NOT** use the cot if any components are missing or broken. Contact your dealer or Aidacare for replacement parts. Use only replacement parts provided by Aidacare.
- Ensure the cot is plugged in after patient transport or if unplugged to ensure adequate power for electrical operations. The battery is for use during transportation or emergency power outages.
- When moving the paediatric cot with a patient on it, ensure the mattress base is in the horizontal position with the rails fully raised to reduce the risk of injury.
- Keep the side rails in the highest position and the mattress base in the lowest position unless the patient is being tended.
- **DO NOT** leave the rails down while the patient is unattended.
- Before lowering the mattress base to the Trendelenburg position, ensure the rails are in their highest position, and remove all equipment and people from the area below and around the mattress base to avoid injury to the patient and/or the user.
- Verify that the side and end rails are properly locked into position before leaving a patient unattended or after moving a side or end rail to prevent falls and injury.
- Discontinue use of the cot when the patient is able to climb out of the cot or reaches the height of 90 cm.
- Avoid placing cords, straps, or similar items that could become wound around the patient's neck in or near the cot.
- Ensure the mattress thickness does not exceed 100mm.
- Only use the cot for one patient at a time.
- **DO NOT** leave objects or toys in the cot.
- **DO NOT** use a water mattress with this cot.
- Use only accessories that are designed and/or approved for use with the Paediatric Cot.
- **DO NOT** lower the rails if the patient's limbs are protruding through the rails.
- **ALWAYS** use a mattress of appropriate size and type.
- **ALWAYS** ensure that the patient is safely positioned to avoid entrapment before operating the cot.
- **ALWAYS** ensure that attendant and patient limbs are free from potential entrapment areas before operating any functions.
- **ALWAYS** apply the brakes when the bed is stationary, and push on the cot to ensure the brakes are securely locked to prevent injury resulting from movement while a patient is placed or removed from the mattress. Ensure all four casters are locked to ensure complete immobilization of the cot when brakes are applied.

6. OVERVIEW

COT OVERVIEW



RAIL DETAIL



6.1 CASTORS

The Paediatric Cot may be fitted with single or double wheel locking castors.

- Press the locking tab down to lock the castor
- Release the locking tab to unlock the castor.

Single Wheel Locking Castor



Twin Wheel Locking Castor

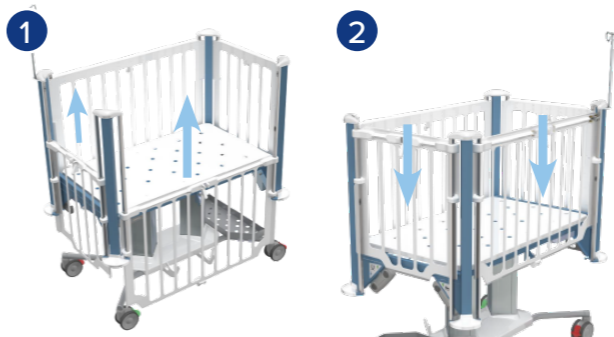


6.3 RAIL DETAIL

The rails are positioned either full raised, half height or fully lowered.



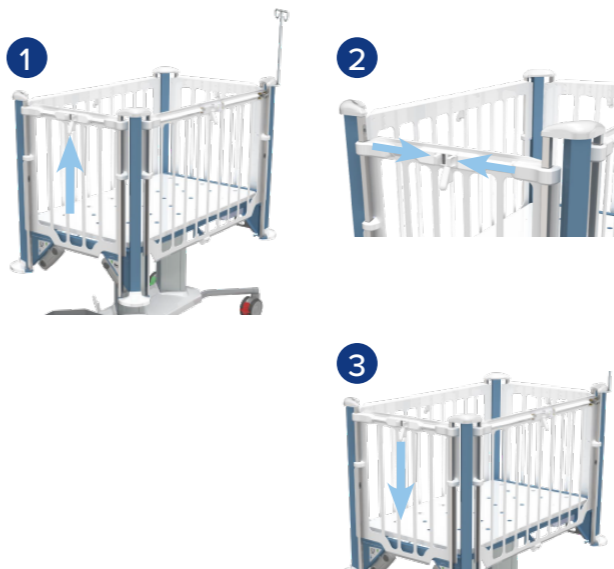
6.4 RAISING THE RAIL



6.4.1 LIFT the rail by the handle to disengage the latch and raise to above the desired locking height. The latch does not need to be touched in this operation.

6.4.2 LOWER the rail to the desired locking height and the latch will engage automatically. The latch does not need to be touched in this operation.

6.5 LOWERING THE RAIL



6.5.1 LIFT the rail by the handle to the very top of the smooth guide rails. This allows the safety latch to return to lock the rail in position.

6.5.2 SQUEEZE and hold the latch mechanism.

6.3.3 LOWER the rail past the previous position, release latch mechanism until next locking position. If lowering from top to bottom continue holding latch mechanism past the half way latch position.

6.6 TRENDLENBURG



6.6.1 SECURE the side and end rails into the locked position, to ensure safety of occupant.



6.6.2

2.1 Press the buttons to raise or lower the Trendelenburg angle.

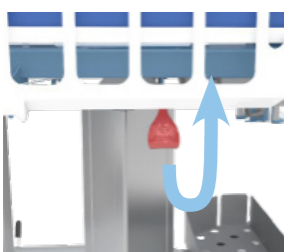
2.2 Wait briefly between activation of different buttons as there is a safety delay preventing multiple inputs, including the buttons for the height adjust (if installed).

2.3 To raise the Trendelenburg angle, press the top button.

2.4 To lower the Trendelenburg angle, press the lower button.

6.7 TRENDLENBURG EMERGENCY CPR RELEASE

The Emergency CPR Release can be operated either with the side panels raised or lowered with one simple step.



6.7.1 PULL the Emergency CPR Release handle up. This will immediately drop the Trendelenburg to the horizontal position ready for CPR.

There is no need to reset anything after pulling the emergency release to begin using the Trendelenburg again.

6.8 HEIGHT ADJUST



6.8.1 SECURE the side and end rails into the locked position to ensure safety of occupant.

6.8.1 PRESS the buttons to raise or lower the height of the cot.

Wait briefly between activation of different buttons as there is a safety delay preventing multiple inputs, including the buttons for the Trendelenburg angle.

To raise the height of the cot, press the top button.

To lower the height of the cot, press the lower button.

6.9 BATTERY ON/OFF INSTRUCTIONS



6.9.1 To Turn the Battery On:

Plug the cot into AC power, or

Hold down the ON button for 1 second.

6.9.1 To Turn the Battery Off:

Hold the OFF button for 4 seconds.

This is recommended for extended periods without mains power or to conserve battery power during an emergency.

6.10 BATTERY BACKUP

The battery backup (if installed) is located under the top frame of the cot at the foot end.



This battery is meant to be a backup power source, not the main one. When the cot is unplugged, the battery backup will automatically take over until the cot is plugged back into mains power or the battery is turned off for storage.

Key points about the battery backup:

Standby Time: The battery can last up to 72 hours on standby (turned on, but no adjustments made).

Height Adjustment: It can handle 15 full raises and lowers of the height adjustment at full load.

Trend Angle Adjustment: It supports 207 full raises and lowers of the trend angle at full load.

To extend the battery life, turn off the battery when the cot is stored without mains power for extended periods. Refer to the instructions below for how to turn off the battery and maintenance tips for long-term storage.

7. SPECIFICATIONS

DESCRIPTION	4H175 – FIXED HEIGHT	4H175E – ELECTRIC HIGH/LOW
Overall Height	1490mm	1490mm
Overall Width	880mm	880mm
Overall Length	1410mm	1410mm
Trendelenburg Angle	+ 12°	+ 12°
Mattress Base Height from floor	830mm	780mm - 1030mm
Rail Height above Mattress Base	610mm	610mm
Mattress Thickness	50mm (standard) to 100mm (custom)	50mm (standard) to 100mm (custom)
Mattress Length x Width	1215 x 700mm	1215 x 700mm
SWL	50kg	50kg

8. ACCESSORIES

Code	Description
BEM046980	100mm Mattress
WAT740000	Fixed Height IV Pole
WAT740002	Fixed Height IV Pole with Pump Mount
WAT740004	Height Adjustable IV Pole with Pump Mount

9. CLEANING

COT CARE



NOTES It is strongly recommended that protective clothing be used when cleaning.



NOTES The following procedure also applies to the cot accessories but does not include mattresses.

Wipe the cot surfaces with a soft cloth moistened with hot water and mild detergent (or the facilities recommended cleaning solution). It is recommended that the cloth be white to prevent bleeding of die colours to the bed. Take extra care in area that can harbour dirt and dust.

- Rinse with clean water and dry with a clean cloth.
- Allow all cleaned parts to dry before replacing the mattress

MATTRESS CARE

Inspection

Inspect the inside and outside of the mattress cover, zip fasteners and surface of foam mattress regularly for signs of damage. If the mattress cover, zip or foam is heavily stained or soiled, or is torn remove the mattress from service.

Cleaning

Wipe the mattress surfaces with a soft cloth moistened with lukewarm water and mild detergent. Rinse with water and allow to dry.

10. MAINTENANCE

Weekly	<ul style="list-style-type: none">• Visually check the cot for any signs of damage.• Check castors roll freely.• Check safety latch operates freely.
Periodically	<ul style="list-style-type: none">• Check rails slide freely.
Yearly	<ul style="list-style-type: none">• Fully lower and raise Trendelenberg and vertical columns (if electric high/low variant), checking for unusual behavior while operating.
Serviceable Components	<ul style="list-style-type: none">• Check all fasteners and fixings.

11. TROUBLESHOOTING

TRENDELENBERG STUCK/IMMOBILE

- Visually inspect to see if there are any obstructions preventing movement, if safe to do so, remove the obstruction.
- Check to see that the cot has been plugged back into power while at its station, the battery may have drained through use or over time in standby, the battery is not intended to be used as the main source of power, only as a backup during transportation or emergency power outages.

HEIGHT ADJUST STUCK/IMMOBILE

- Visually inspect to see if there are any obstructions preventing movement, if safe to do so, remove the obstruction.
- Check to see that the cot has been plugged back into power while at its station, the battery may have drained through use or over time in standby, the battery is not intended to be used as the main source of power, only as a backup during transportation or emergency power outages.

HEIGHT ADJUST NOT PARALLEL

If the columns of the height adjust are operating out of sync or at different heights, follow these steps to reset the columns:

1. Ensure area underneath the cot is free and clear of obstructions.
2. Press AND Hold BOTH buttons on the height adjust controller for 3 Seconds or until Columns begin lowering.
3. Wait for columns to finish lowering.
4. Once the columns have finished lowering the columns have been reset, now test to see that the columns are operating properly again.
5. Resume normal operation.

12. TRANSPORT AND STORAGE

Handle with care. The Paediatric Cot should be stored in a cool, dry, well-ventilated area.

DO NOT drop, and avoid shock or violent impacts when transporting.

13. WARRANTY

Aidacare warrants that its products are free from defects in workmanship and materials and will repair or replace defective components from the purchase date of the manufacture of the products, with a 5-year warranty for the frame.

All service and repairs must be carried out by Aidacare or a certified Aidacare-trained technician. Aidacare will not be responsible for any expenses, inconvenience, or incidental damages occasioned by the use, loss of use, or misuse of the products, or by the failure of the products to conform to the warranty set forth above.

This warranty becomes void if the product shows evidence of mishandling, tampering, incorrect installation, or use contrary to the application instruction material, shipping damage, or repair performed by anyone other than a service personnel authorized by Aidacare.

Routine cleaning, adjustment, and normal cosmetic and mechanical wear are not covered by this warranty. Prompt and written notice is required for a warranty claim.

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