



AllCare AC & AC-C USER MANUAL

For Parts or Technical Assistance - (877) 867-7365

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Overview

Introduction

This manual provides instructions for use of the AllCare Bed. Do not operate the bed without first reading and understanding the warnings and cautions provided herein.

NOTICE: The information in this document is subject to change without notice.

Intended Use

The AllCare Bed is intended to provide means for a single occupant to recline and sit, and to assist the occupant in moving between reclining, sitting and standing positions.

The bed is intended for use in the U.S. and Canada long and short-term care facilities, and homes.

The bed is intended to support a safe working load of 600 lbs. (evenly distributed), which includes the weight of the occupant, mattress, bedding, and any other items on the bed deck.

The bed is intended for operation by adult users who have read and understand this User Manual.


The bed is intended for indoor use in environments where it will not get wet, where floors are stable and level, and in ambient temperatures between 41°F and 104°F.

The bed is intended for operation on 120 VAC, 60 Hz mains power.

The bed is **not** intended to provide a means for transport of the occupant.


Safety Information













 This symbol identifies a **WARNING** or **CAUTION: IF SYMBOL IS ON BED CONSULT USER MANUAL FOR EXPLANATION**




 **WARNING** represents potentially dangerous situations that can lead to serious physical injury or death.

 **CAUTION** represents potentially dangerous situations that can lead to minor physical injury.








General Use Safety

 **WARNING** Bed must be used as specified under the “Intended Use” heading. Use of the bed outside of the specified conditions may result in personal injury or equipment damage.


-  **WARNING** Close supervision by an adult who has read and understands this User Manual is required when the bed is used around children or others who have not or cannot read and/or understand this User Manual.
-  **WARNING** The bed mattress must be properly sized to meet entrapment zone dimensional guidelines published by the Food and Drug Administration.
-  **WARNING** Do not spill or spray liquid on the bed. Excessive liquid on the bed can result in an electric shock hazard. In the event of a liquid spill or excessive liquid on the bed, unplug the bed immediately. Remove excess liquid and allow bed to dry thoroughly before restoring power.
-  **WARNING** Never permit anyone under the bed while the bed is being used. Failure to do so could result in personal injury.
-  **WARNING** Never operate the bed if a cord or plug is damaged, or it is not working properly. Contact Qualified Service Personnel for inspection and/or repair. Failure to do so could result in personal injury.
-  **WARNING** Ensure the main power cord is routed where it is not pinched either under or beside the bed. Failure to do so could result in personal injury or equipment damage.
-  **CAUTION** Ensure the grounding cable of the control box is securely fastened to the frame. Failure to do so could result in personal injury or equipment damage.
-  **CAUTION** If a handset is used, the cord must be routed and secured properly to ensure that cord does not become entangled. Failure to do so could result in equipment damage or personal injury.
-  **CAUTION** Keep all moving parts free of obstruction (i.e. blankets, sheets, pads, tubing, etc.)
-  **CAUTION** Never remove any labels applied to the bed. Failure to do so could result in personal injury or equipment damage.
-  **CAUTION** Do not exceed the maximum allowable weight capacity on this bed. The maximum weight is the sum of the resident/patient, mattress, bedding material, accessories and headboard and footboards.
-  **CAUTION** Keep the bed in low position when the occupant is unattended. High bed positions increase the risk of injury from falling when getting in or out of bed, or while reclined.

-  **CAUTION** Always keep all bed casters locked unless bed is being moved. Unlocked casters can result in a fall hazard due to unexpected bed movement.
-  **CAUTION** To avoid a fire hazard; do not use the bed in an oxygen-enriched environment or in the presence of explosive gases.
-  **CAUTION** To avoid an electric shock hazard; do not plug the power cord into a wall outlet if the power cord is damaged, if the ground pin is missing, or if the wall outlet does not provide for the power cord ground pin.


Bed Articulation Safety

-  **WARNING** Always confirm the area under the bed and end-boards is free and clear of children, inattentive adults, pets, and objects when raising and lowering the bed.
-  **WARNING** Do not place body parts or objects under bed or moving part mechanisms. Failure to do so could cause serious injury or equipment damage.
-  **WARNING** Electric drive bed mechanisms can cause serious injury if operated improperly. Operate the bed only when persons are clear of the mechanisms.
-  **WARNING** Floor-Level function and keep clear from obstructions
-  **CAUTION** When lowering the bed or knee in chair position, always ensure limbs or extremities are not under any portion of the bed or mattress.
-  **CAUTION** Always confirm limbs or extremities are within the perimeter of the mattress and not in a position where they can be trapped or pinched by the support arms and assist bars when adjusting head and knee elevation.
-  **CAUTION** Keep moving parts of bed free of obstructions, including bedding, heating pads, tubes, cords and wires. Items caught in moving parts may be crushed, cut or pulled during bed adjustment.

Side Rail and Assist Bar Safety

-  **WARNING** Always confirm the side rail and assist bars are locked in the raised position. Improperly locked support arms and assist bars can result in a fall hazard due to sudden unexpected movement.

Options and Accessories Safety

-  **CAUTION** Use only bed accessories and bed replacement parts supplied or approved by Med-Mizer® for this bed. Third party accessories and replacement parts that are not approved by Med-Mizer® may result in personal injury or equipment damage.

Cleaning Safety

- ⚠ WARNING** Do not spill or spray liquid on the bed. Excessive liquid on the bed can result in an electric shock hazard. In the event of a liquid spill or excessive liquid on the bed, unplug the bed immediately. Remove excess liquid and allow bed to dry thoroughly before restoring power.
- ⚠ CAUTION** Follow manufacturer's instructions for proper use of cleaning agent. Improperly diluted or improperly applied cleaning agents can result in inadequate disinfection or a caustic burn hazard.

Maintenance and Service Safety

- ⚠ WARNING** Before performing bed maintenance or service, unplug the power cord to avoid an electric shock hazard.
- ⚠ WARNING** If a fault or problem is found during preventative maintenance inspections, remove the bed from service until the appropriate repair or adjustment is made.

Specifications

"Low" Deck Height Range	3.625" to 24.75"	Weight with Standard Boards	295 lbs.
"High" Deck Height Range	7.75" to 28.875"	Maximum Head Angle	64° ± 3°
Safe Working Load	600 lbs.	Maximum Knee Angle	37° ± 3°
Overall Bed Widths	35.5", 38.5", 41.5"	Power Requirements	120 VAC, 60 Hz
Overall Bed Length	94.00"	Maximum Current Draw	2.7 amps
Overall Bed Weight	270 lbs.	Controller Output Voltage	24 VDC

Options and Accessories

BATRAP	Trapeze Accessory
BOLLY-BA	Transport Dolly
ASRL-PR	Pivoting Assist Bar Right
ASRL=PL	Pivoting Assist Bar Left
BATT	Battery Backup
UD	Two Position Side Rail (Set)
ACSCALE	Allcare Scale (Factory Option)
MATRET	Mattress Retainer
7132	Foot End Attendant Control
UBL	Under bed lighting

End Board Panels



Headboard and Footboard Finish Options

Custom Headboard and Footboards Available

Preparation for Use

Unpacking (If Shipped LTL/Commercial)

Tools Required:

Utility knife

Side-cutting shears

To unpack bed, footboard and headboard:

1. Use the utility knife to carefully cut the shrink-wrap film and remove it from the bed.
2. Use the side-cutting shears to carefully cut all banding and tie straps.
3. Use the utility knife to carefully open the carton containing the end boards and remove the headboard and footboard.
4. With two persons, slowly slide bed off the pallet.

Assembly

Tools Required:

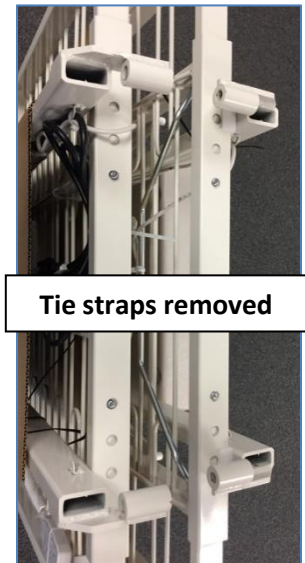
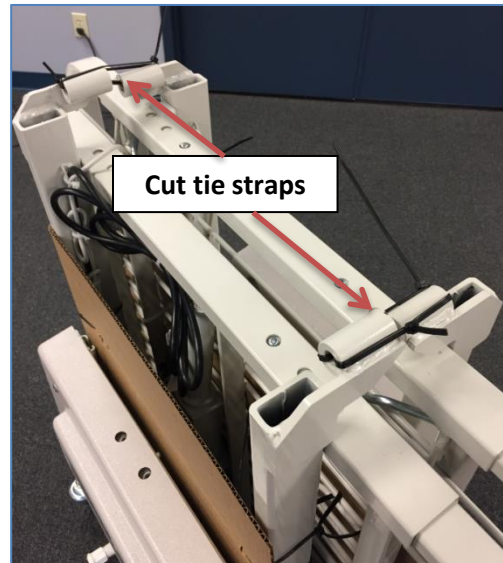
5/8 Wrench

5/8 Socket (*Use with an impact driver*)

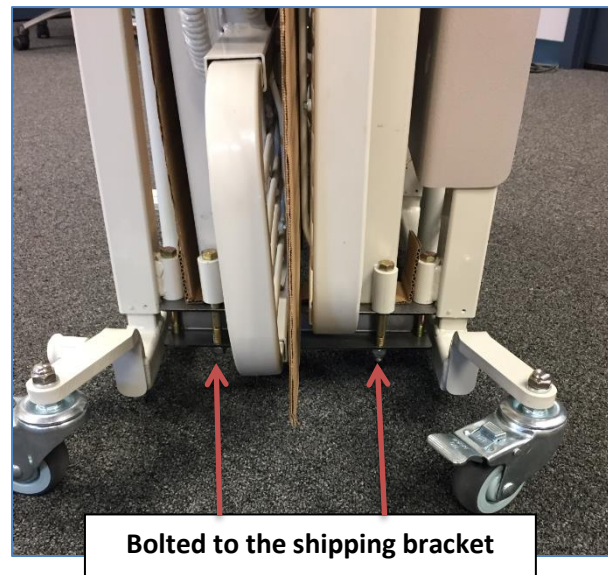
Side Cutters

NOTE: It is recommended that an impact driver be used with the 5/8 socket when assembling the bed high low assemblies and head and foot sleep surface sections

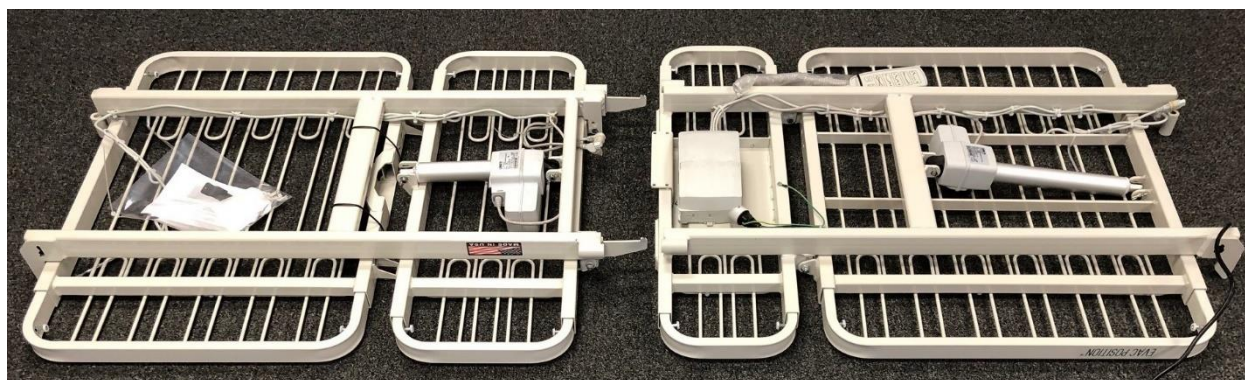
1. Using side cutters, cut the tie straps on the top on the bed in shipping form.



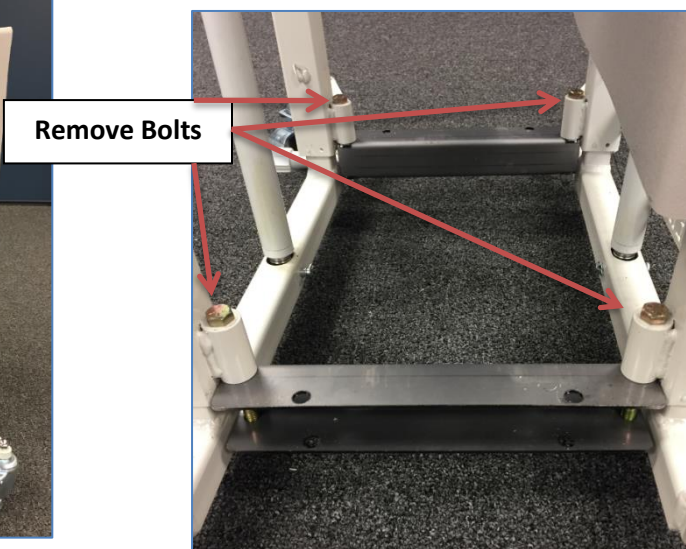
2. View the side of the bed where the two sleep surfaces are bolted to the shipping bracket.



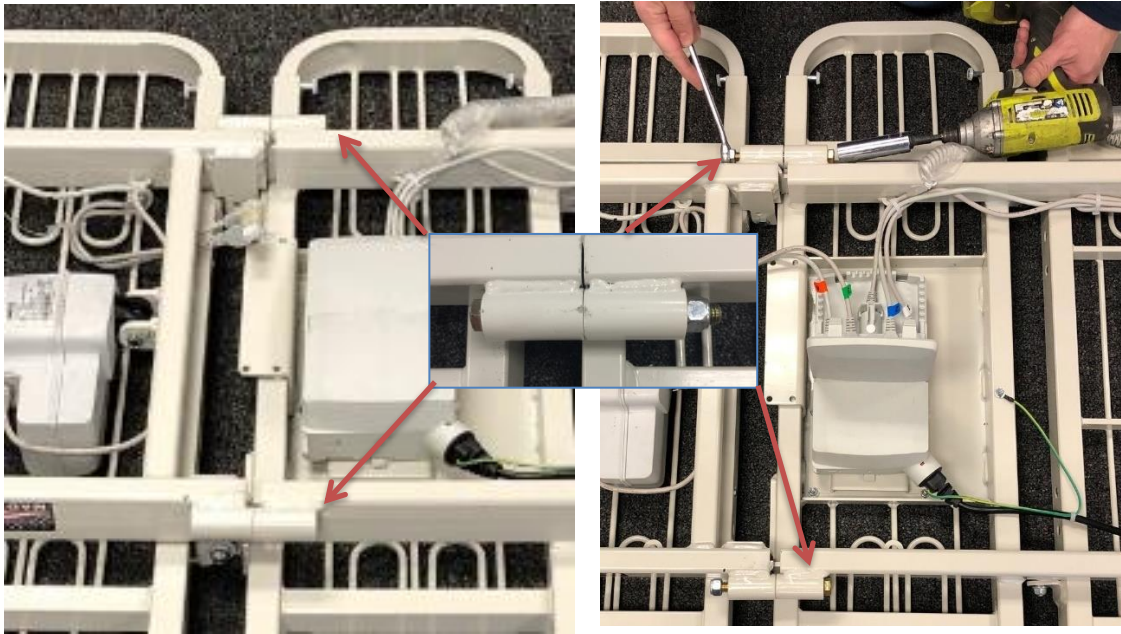
3. Using the 5/8" wrench and socket, remove the bolts holding the sleep surface section from the shipping bracket. Do this one at a time and set them down on the floor (sleep surface down). *NOTE: The bolts will be used for assembly, do not discard.*



4. Using the 5/8" wrench and socket, remove the high/low assemblies from the shipping bracket and place them flat on the floor with the plastic end up.



5. Line up the bosses and install the bolts that were used in the shipping form. Using a 5/8th wrench and socket, firmly tighten the nut onto the bolt.



6. Find the wires labeled “3” and “4”, cut the zip tie to release them then plug them into the matching ports on the control box. Route the wires in the provided slots and close the lid securely.



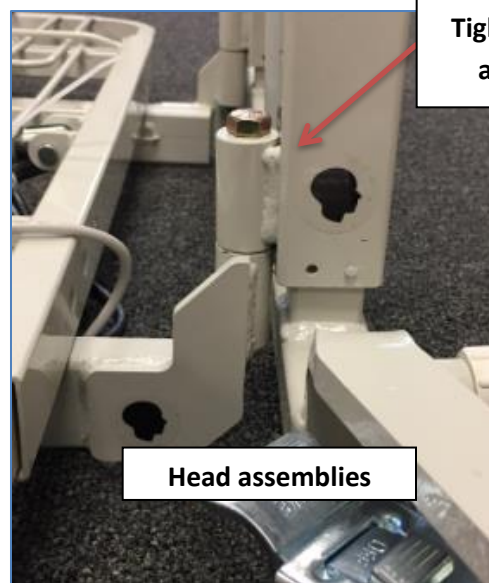
7. Turn the sleep surfaces back over, locate the head and foot labels on each section, and match them up to the correct assemblies. Then assemble them together using the bolts and nuts used to hold the bed together in the shipping form. Secure bolts tight with socket ratchet or power drill.



NOTE: AC and AC-C can be assembled in the low or high position

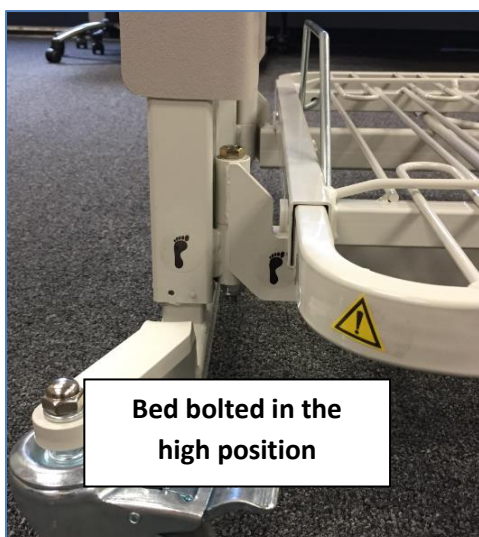


Foot assemblies

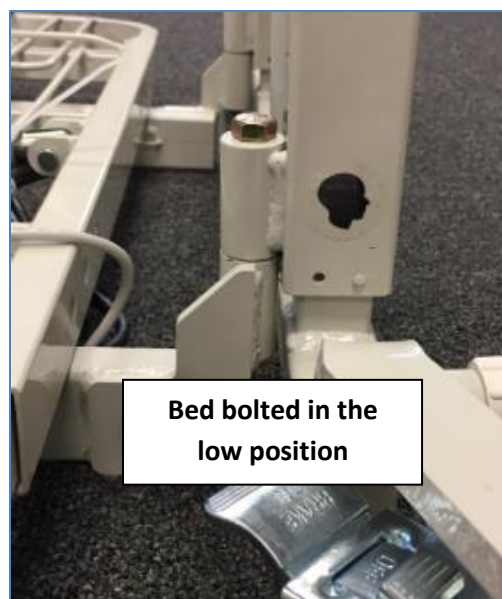


**Tighten bolts
and nuts**

Head assemblies

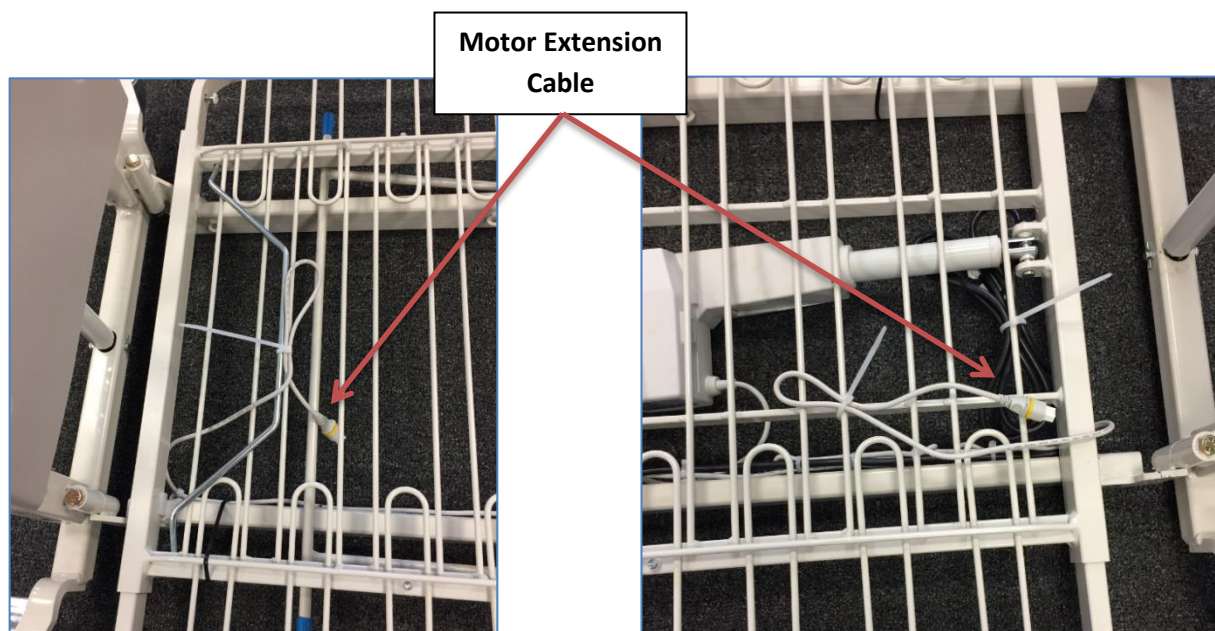


**Bed bolted in the
high position**



**Bed bolted in the
low position**

- Using a side cutter remove the tie straps that attach the high/low motor extension cables to the frame. They will be on both ends of the bed.

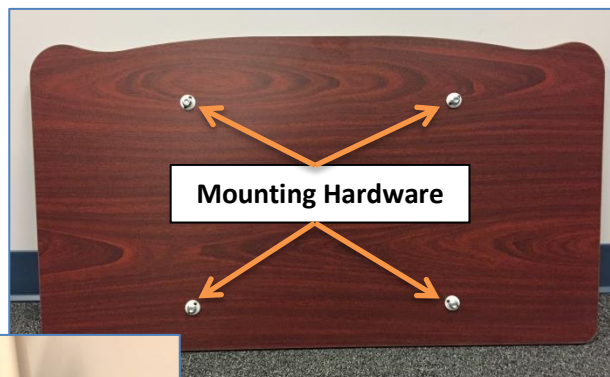
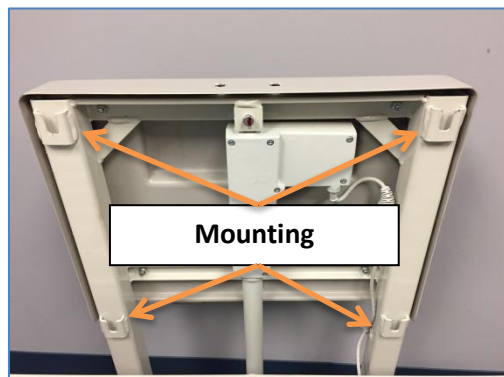


- Route cable to the hi/low motor and insert plug. Using the included zip ties, secure the cable to the two welded washers and then cut off any excess. Lastly, using the included C-Clip, push into actuator to secure cable.

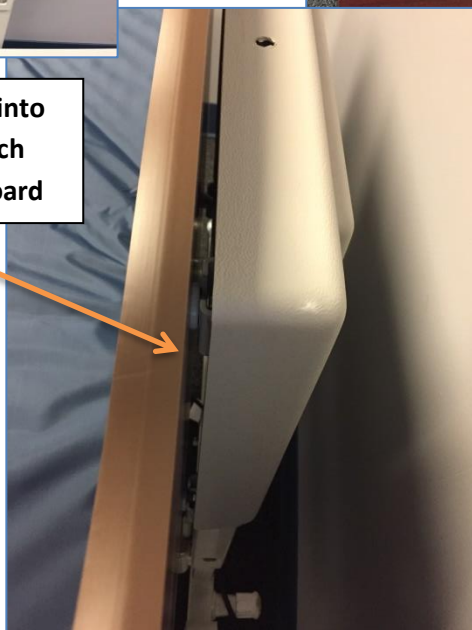


NOTE: Remove all other tie straps on bed and bed deck.

10. Attach the headboard and footboard to the bed; firmly push down by sliding all four mounting brackets in the respective channel on the bed. The head and footboards are identical and are attached in the same manner.



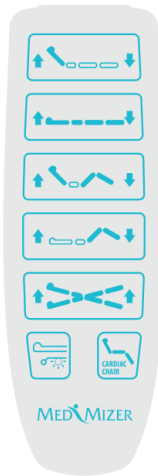
Slide all four brackets into
each channel to attach
headboard and footboard



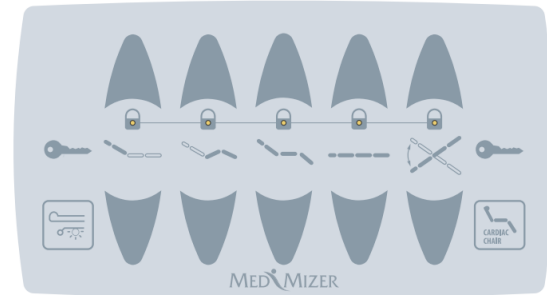
Operation

Control Options

Handset (Standard with Bed)



ACO Foot End Control Panel (Optional)



Articulation

Head, Deck Elevation, Auto-Contour, Knee and Trendelenburgs – Hold the button down until the desired position is achieved.

Cardiac Chair – Hold the button down until the desired position is achieved. However, the pre-determined position will take some time and each motor operated independently.

Articulation Lock-out (Handset)

To lockout an independent function (Head, High/Low, Knee) hold down the respective UP & DOWN arrows for 5 seconds, once locked out there will be an audible 2 beeps. To unlock do the same action for 5 seconds or until you hear 3 beeps.

To lockout all functions quickly, hold down HEAD UP and KNEE DOWN for 5 seconds or until there is 2 audible beeps. To unlock all function, hold down the HEAD UP and KNEE UP for 5 seconds or until you hear 3 beeps.

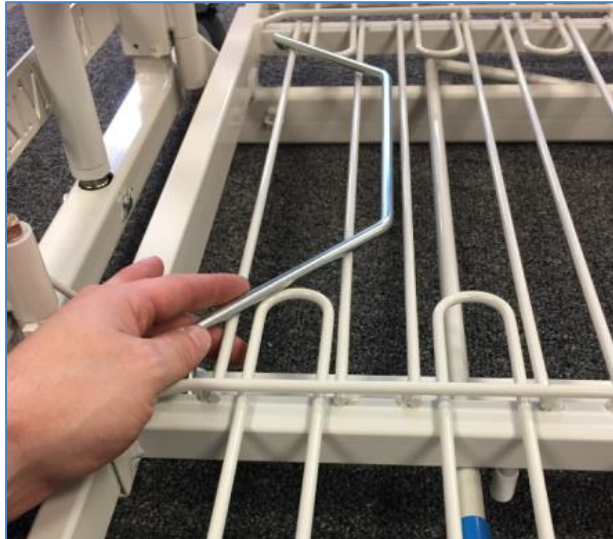
Whenever a function/handset is locked out there will be a continuous audible beep to alert it's locked out.

Articulation Lock-out (ACO)

To lockout any function, hold down the “key” button and center of button (over the icon) at the same time. To unlock perform the same action.

Mattress Stop

Flip the mattress stop up prior to putting that mattress on the frame. (80" Mattress only)



Bed Transport

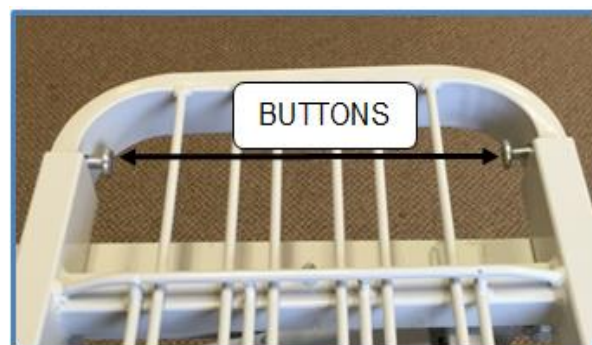
To transport an empty bed, unlock the bed casters and use the footboard or headboard to move the bed. Do not move the bed using side rails, handset or assist bars. Lock all four bed casters when bed movement is complete.

NOTE: The bed is not intended to provide a means for transport of the occupant.

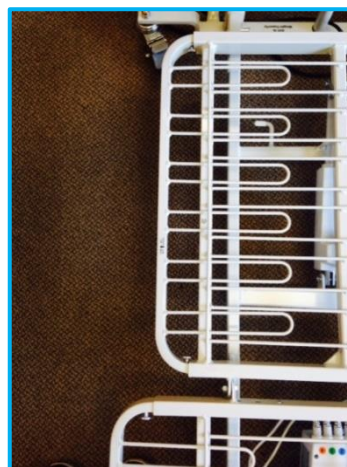
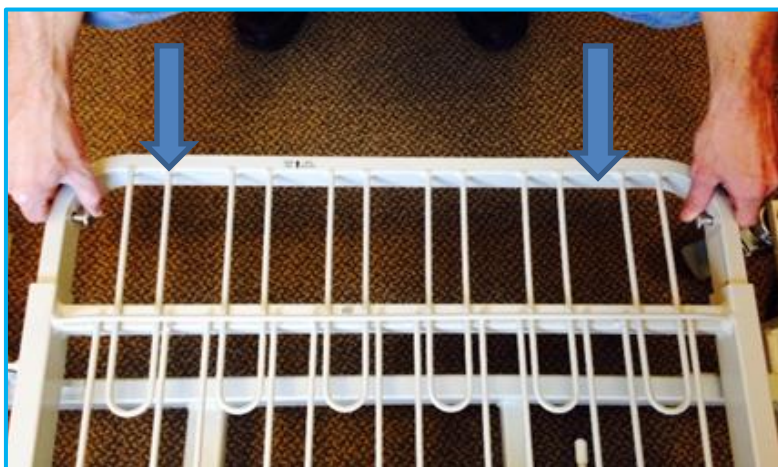
Bed Deck Expansion or Retraction

To expand the deck push the two buttons simultaneously and pull the tube, release the button until the desired width is achieved. The first locking location is 39" the second is 42". Repeat on all four sections and both sides of bed. Ensure that the section locks into desired location.

To retract deck, depress both buttons and push the tube in to the desired location.



To position the head or foot of the deck into the through door position depress the buttons and push the tube with accessory completely in until the tube stops and in position. Repeat on both sides of the deck. To disengage pull the section out until it locks.



Maintenance

Cleaning

The frame can be cleaned/disinfected with a disinfecting wipe. Disinfectant should always be applied to a cloth; never spray directly on frame or controls. After applying cleaning agent, allow the surface to dry prior to placing unit back in service. Clean frame as needed.

Maintenance and Service

NOTICE: RECOMMENDED TO PERFORM PREVENTIVE MAINTENANCE EVERY 12 MONTHS FOR BEST PERFORMANCE.

1. Inspect the frame for weld cracks or tears.
2. Check that all bolts, pins and fasteners are still in working order.
3. Perform functional test on the frame.
4. Inspect the casters for wear and tear.

Preventative Maintenance Inspections	Problem Resolution
Inspect bed frame for cracks, tears or bending, particularly at welds and joints.	Remove bed from service. Contact Med-Mizer® customer service.
Inspect electrical enclosures for cracks or other damage.	Remove bed from service. Contact Med-Mizer® customer service.
Check that screws, bolts, pins and other fasteners are in place, secured and properly tightened.	Remove bed from service. Tighten loose bolts and screws. Contact Med-Mizer® customer service to order missing or damaged fasteners.
Inspect actuators for excessive wear and misalignment.	Remove bed from service. Contact Med-Mizer® customer service.
Inspect power cord for damage including the plug and strain relief.	Remove bed from service. Contact Med-Mizer® customer service to order replacement power cord.
Verify that cables and wires are properly retained and clear of moving parts.	Remove bed from service. Securely retain wires so they are clear of moving parts. Contact Med-Mizer® customer service to order replacement missing or damaged wire fasteners.
Verify the plug connectors for the controls, drive motors, and motor control box are fully engaged.	Fully engage connectors that are not properly engaged.
Verify the side rails/ assist bars latch securely in the raised position.	Remove bed from service. Contact Med-Mizer® customer service.
Verify all casters securely lock when activated.	Remove bed from service. Contact Med-Mizer® customer service to order replacement non-locking casters.
Verify that all bed control switches operate correctly.	Contact Med-Mizer® customer service.

Service Parts List

Contact Med-Mizer® customer service at (877) 867-7365 to order parts

6201	LINAK POWER CHORD 11 FOOT W/ GROUND CABLE (912143)
6344	GREY ABS PLASTIC BED END COVER
7121	CO61-U061-00 Control Box
6964	MOTOR EXTENSION CABLE 00914948-2500-B Hi/Low
6842	CHERRY ALLCARE BOARD MELAMINE 26.25H X 35.75W
6954	400513-01 Hi/Low Actuator
6948	400511-00 Head Actuator
6949	J23381 Knee Actuator
6956	Allcare Handset
7132	Allcare ACO Foot End Controls
6958	Control Box Mounting Bracket
6858	ALLCARE END COVER
6959	00914681-1100-B Head Actuator Cable
7006	'00914681-750-B Knee Actuator Cable
6045	3" SWIVEL CASTER TOTAL LOCK (LK524)
6842	CHERRY ALLCARE BOARD MELAMINE 26.25H X 35.75W
6847	LIGHT OAK ALLCARE BOARD 200901 MELAMINE 26.25H X 35.75W
6848	ENGLISH OAK ALLCARE BOARD 200901 MELAMINE 26.25H X 35.75W
6849	MAHOGANY ALLCARE BOARD 200901 MELAMINE 26.25H X 35.75W

Warranty

Med-Mizer, Inc. warrants to the original purchaser that its products shall be free of defects in material and workmanship for a period of Lifetime on welds: 15 years on the bed frame: 5 years on the drive system; 1 year on wood products, casters, handsets, and miscellaneous parts. Med-Mizer's obligation under this warranty is expressly limited to supplying replacement parts for, or replacing, at its option, any product which is, in the sole discretion of Med-Mizer, found to be defective. This warranty does not cover failure due to negligence, accident, abuse or installation not in accordance with the company's instructions or failure to follow maintenance instructions.

If requested by Med-Mizer, products or parts for which a warranty claim is made shall be returned prepaid to Med-Mizer's factory. Any improper use or any alteration or repair by others in such manner as in Med-Mizer's judgment affects the product materially and adversely shall void this warranty.

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