

# Staebel P5500 Homecare Bed Instruction Manual

Product Code: 7-P5500



## INTRODUCTION

This instruction manual contains information on the instructions for use and explanations of the signs and symbols used. These instructions for use contain instructions for operating the medical care bed.

These instructions for use may contain inaccuracies or printing errors. The information provided here will be updated periodically and changes due to product maintenance will be included in later editions. Changes or improvements are possible at any time without prior notice. If you have any questions, please contact our customer service team.

The instructions for use must be read and used by every person who operates the medical bed.

## PURPOSE

The intended purpose of the Staebel P5500 Homecare Bed is to be used for patients in hospital and healthcare facilities. These beds are electrically powered to allow the bed to be placed in various positions suitable to the patient. It is a medical device intended for human medical use only.

The Staebel P5500 Homecare Bed moves on castors and features infinitely adjustable motorised height settings. The bedding area can be adjusted by multiple motors, allowing for positions such as sitting or exiting position.

The intended user of the Staebel P5500 Homecare Bed is any individual who has a disability or a health condition.

The bed should only be used by individuals trained or experienced in proper handling. Users must be instructed on its correct use and familiarize themselves with these instructions. Common users include nursing staff, physicians, therapists, family members, technicians, residents, and cleaning staff.

## Symbols Explained



Manufacturer



For Indoor Use (house)



Type B Application Part (classification according to the degree of protection against electric shock)



Product with Thermofuse



Safety Isolating Transformer

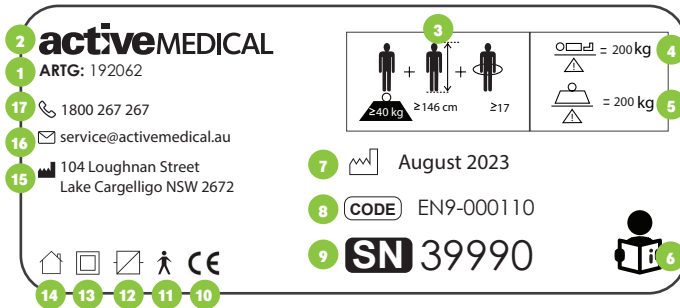


Device Protection Class II (classification according to the type protection against electric shock)



Demko Approval

## Product Serial Number Plate



Serial Number Plate (underneath)

### Specifications

- 1 ARTG Number
- 2 Company Logo
- 3 Adult Identification (minimum weight, minimum height, minimum BMI)
- 4 Maximum Occupant Weight
- 5 Maximum Safe Working Load
- 6 Read Instruction Manual - Follow Instructions For Use
- 7 Manufacture Date
- 8 Product Code
- 9 Product Serial Number
- 10 CE Marking
- 11 Type B Application Part (classification according to the degree of protection against electric shock)
- 12 Switching Power Supply Unit
- 13 Device Protection Class II (classification according to the type protection against electric shock)
- 14 For Indoor Use Only
- 15 Manufacturer Address
- 16 Company Service Email Address
- 17 Company Phone Number

## PRE-OPERATION CHECK

With bed in position check the following:

- Electric beds should ONLY be used where earth leakage is fitted to the power source.
- Check power cord is plugged into 240V supply and is active.
- Check power cord is clear of castors and any moving part of bed.
- Ensure power cord has enough slack so cord is not strained when the bed is raised and lowered.
- Position bed at least 50mm from the wall in the lowest position. Lock castors. This position is critical so as not to damage the wall when raising the bed.
- Before using bed perform all functions to ensure they are working properly. If not please call your service technician or call the Active Medical Technician Team on 1800 772 287.

\*\* When fitting safety sides to this bed please beware of the possible crushing points. The clamps can create crushing points on the rails. \*\*

## MODELS AVAILABLE

- Staebel P5500 Homecare Bed - Single
- Staebel P5500 Homecare Bed - Wide (King Single)

| Specifications             |                                           |                    | Specifications          |                        |
|----------------------------|-------------------------------------------|--------------------|-------------------------|------------------------|
|                            | Single                                    | Wide (King Single) | <b>U In</b>             | 230V ~, 50Hz           |
| <b>Height Range</b>        | 295 - 700 mm                              | 295 - 700 mm       | <b>I In</b>             | Max. 1.5A              |
| <b>Backrest Angle</b>      | 66 °                                      | 66 °               | <b>U Out</b>            | 24V ... , max. 70W     |
| <b>Kneebreak Angle</b>     | 35 °                                      | 35 °               | <b>Op.</b>              | 10%, Max. 2min./18min. |
| <b>Trendelenburg Angle</b> | 11 °                                      | 11 °               | <b>Protection Class</b> | 1Px4                   |
| <b>Reverse Angle</b>       | 11 °                                      | 11 °               | <b>Insulation Class</b> | II Type B              |
| <b>SWL</b>                 | 200 kg                                    | 200 kg             | <b>Noise</b>            | 48DBA                  |
| <b>Patient Weight</b>      | 165kg                                     | 165lg              |                         |                        |
| <b>Overall Dimensions</b>  | 2190 x 930 mm                             | 2190 x 1070 mm     |                         |                        |
| <b>Sleeping Surface</b>    | 2000 x 900 mm                             | 2000 x 1070 mm     |                         |                        |
| <b>TGA Number</b>          | ARTG 192062                               |                    |                         |                        |
| <b>Manufacturer</b>        | Active Medical, 104 Loughnan St, NSW 2672 |                    |                         |                        |



For indoor use (house)



Type B equipment, as per EN60601+1

RE-Tuv approval



Product with a thermo fuse



Safety isolating transformer



Equipment KI.2 (Double square)



Demko approval

## IMPORTANT

- Check electric cords regularly and notify an electrician or Active Medical on 1800 772 287 immediately. If any damage occurs cease to use and remove mains power until checked and repaired.
- No wiring is to be modified without authorisation from the manufacturer.
- Ensure the small extension cable is correctly connected to the bed socket and to the 240 volt supply when the bed is in a stationary position. A small light on the control box will illuminate showing a power supply.
- Low Low model beds should be left in the lowest position when a nurse is not in attendance.
- Nurses, cleaners or anyone using Active Medical Electric Beds must make sure that the main power cord is clear of any moving parts on the bed before turning the power on.
- Electric Beds should ONLY be used where earth leakage is fitted to the power source.
- When patient condition could lead to patient entrapment the mattress support platform should be left in the flat position when unattended.

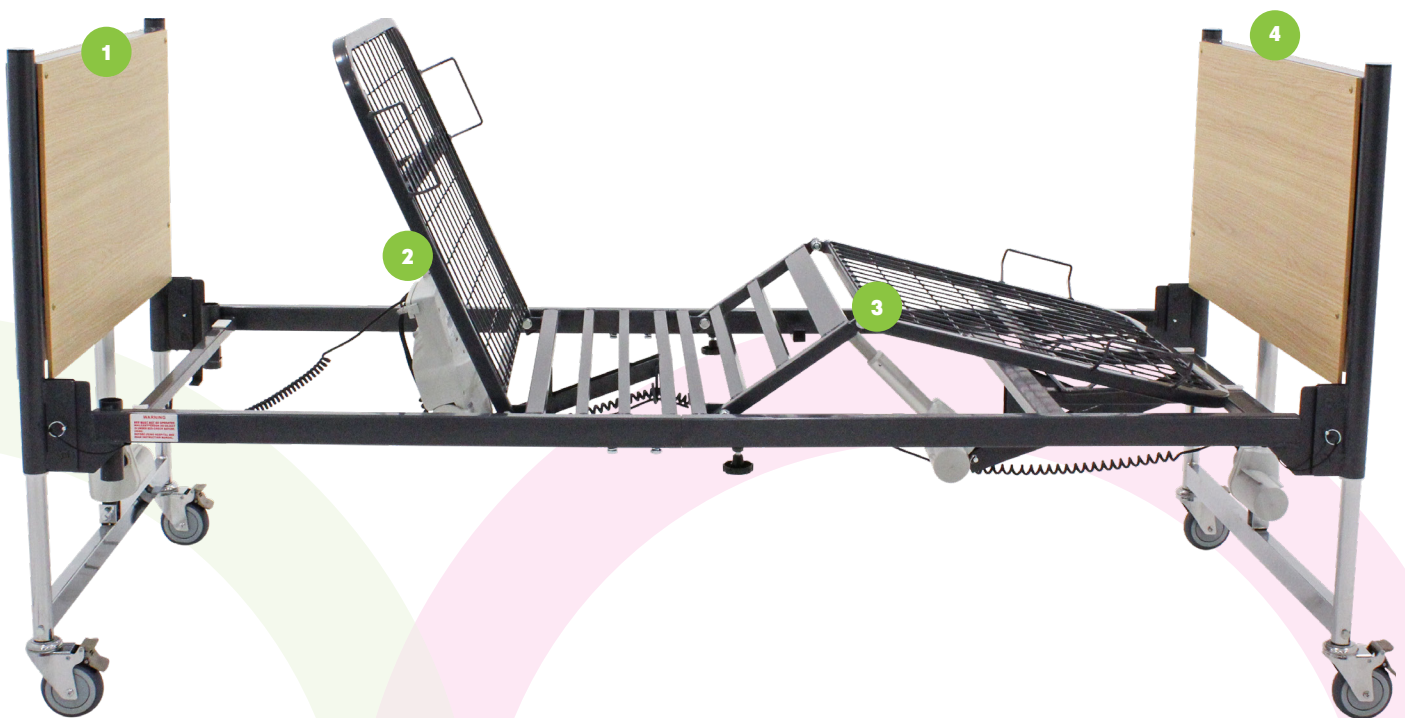
## OPERATOR CONTROLS



Electric Beds are controlled by a handset, which is plugged into the connection port. (Normally located below and at the edge of the mattress base towards the head end).

Replacement Handset Code: **HB8X016-00**

- 1 Headboard
- 2 Backrest Section
- 3 Kneebreak Section
- 4 Footboard







## Upper Posture, Electric Backrest:

The top pair of push buttons control the electric upper posture as indicated on the handset.

Beware of potential pinch points when lowering backrest.



## Hi-Low Operation:

The second pair of buttons on the handset control the smooth operation of raising & lowering the bed.

When raising and lowering the bed, ensure that no person or part of his or her body is under the bed. Failure to do so could cause serious physical injury.



## Electric Kneebreak:

The third pair of push buttons on the handset control the operation of the kneebreak.

The calf section of the kneebreak is fitted with a prop, lift the calf section and fold down the prop engaging it in the channel provided at the foot end of the bed.

Beware of potential pinch points when lowering Kneebreak.



## Chair Position:

The fourth set of buttons operate the chair function.



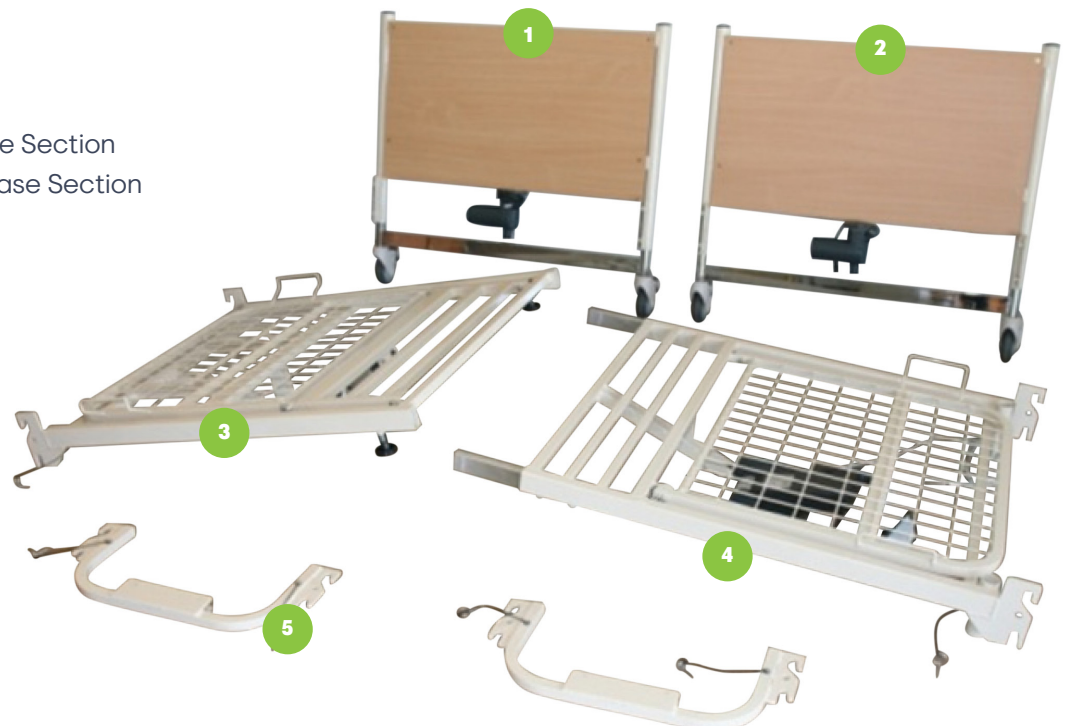
## Trendelenburg Tilt:

Tilt of mattress base is achieved by raising or lowering the head or footend of the bed using the forth pair of buttons on the hand control.

Please ensure all castors are locked.

## ASSEMBLY

1. Head Hi/Low Frame
2. Foot Hi/Low Frame
3. Backrest Mattress Base Section
4. Kneebreak Mattress Base Section
5. Transport Frames x 2

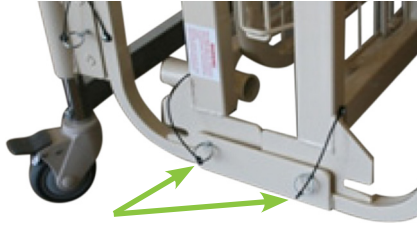


## ASSEMBLY



### Step 1:

Bed ready for transport or storage.



### Step 2:

Remove the 2 centre detent pins that hold the mattress base sections to the transport frames, on each side.



### Step 3:

Remove the head & foot mattress base sections from between the hi/low frames.



### Step 4:

Position Hi/low frames in area for assembly, ensuring there is sufficient open area for when the bed is fully assembled.



### Step 5:

Engage brakes on all castors. Minimise risk of bed sliding or falling.



### Step 6:

Remove Transport bars. To avoid foot & head end from unexpectedly sliding apart when removing the transport bars, it is advised to lean the headend against a wall or vertical surface & ensure the footend is securely held with brakes on.



### Step 7:

Bed ready to be assembled.



### Step 8:

Place both the mattress base sections in their corresponding Hi/low foot and End frames. Fit together best 120 degrees.



### Step 9:

Place detent pins in all four corners of the mattress base.



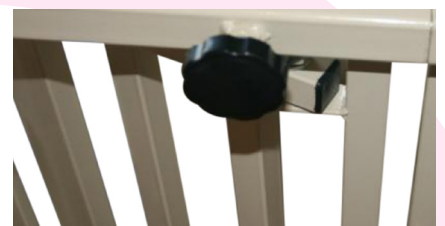
### Step 10:

Align head and foot mattress base sections for assembly.



### Step 11:

Release all brakes, loosen black knobs and join both mattress base sections together.



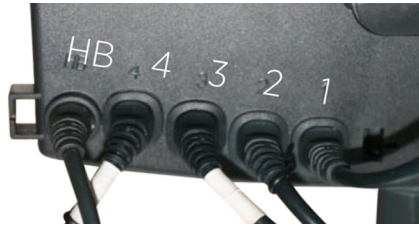
### Step 12:

Tighten black plastic knobs firmly.

## ASSEMBLY CONTINUED



**Step 13:**  
Engage brakes on all castors.



**Step 14:**  
Place plugs from actuators into control box.  
Port 1: Backrest actuator  
Port 2: Foot end Hi/low section  
Port 3: Kneebreak actuator  
Port 4: Head end hi/low section  
Port HB: Handset

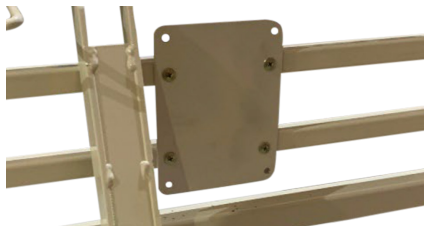


**Step 15:**  
Then secure the plugs to the control box with the cable lock. Now your bed is ready for use.  
Please ensure the power cable is in a safe position and brakes are locked on at all times while the bed is in position.

## P5500 BATTERY INSTALLATION



**Step 1:**  
Using 4 x supplied self tapper screws mount battery plate next to backrest actuator and control box as shown.



**Step 2:**  
Mount small bolts through outside holes and fit 2 washers to each as shown. Then, sit battery in place with screws and fix off with nuts.



**Step 4:**  
Plug in cable into spare port in control box.



**Step 5:**  
Using cable ties supplied, bundle excess cable and fit to the tie to the motor mount as shown.



## ADDING IN LENGTH EXTENSION P5500 (accessory)



### Step 1:

Remove foot end hi low and knee-break cables from the control box :  
 Port 1: Backrest actuator  
 Port 2: Foot end Hi/low section  
 Port 3: Kneebreak actuator  
 Port 4: Head end hi/low section  
 Port HB: Handset



### Step 2:

Loosen black knobs.



### Step 3:

Split the bed apart.



### Step 4:

Insert extension, tighten all 4 black knobs and connect cables.

## SAFETY AND WARNINGS

- Electric Beds should ONLY be used where earth leakage is fitted to the room or building.
- If any cords are cut or damaged the bed MUST not be used until checked, fixed and tagged.
- No patient, service personnel or any person must lie underneath an Active Medical bed while power is turned on, if not obeyed this may result in serious bodily injury or death if the bed controls are actuated.
- Please check no person or object is under the bed before using.
- Hand control to only be given to fully competent patients.
- Never leave hand control unattended with bed switched on unless patient is fully competent.
- Fit optional nurse lockout for safety of incompetent patients.
- Only one person is to be on the bed at any time.

## MAINTENANCE

- Beds should be inspected monthly for abnormal wear. For example, bolts loose or missing, castors, rubbers or brakes damaged.
- Rails must be inspected regularly for any wear or movement that may cause injury, do not use if unsure.
- If one or more of the bed functions is found not working correctly, notify the manufacture for advice.

### Every 6 Months:

1. Check there is no visible damage to electrical system or mechanical parts.
2. Check wiring is secure and not interfering with bed movement.
3. If actuator shafts are not clean - wipe chromed shaft of actuators to remove lint, grease & dirt.
4. Extended actuators fully. (Do not wash as this removes fine layer of oil).
5. Correct operation of all bed functions including castor locking.
6. Check all accessories including rails are still functioning properly.
7. Check all pivot points on the bed for wear. Replace pivot pins or bolts and removable bushes (where fitted) if a pivot has a significant play.
8. Check all functions still run smoothly.

### Annually:

- Professional service of product to be carried out annually and documented in the 'Record of Performed Service Procedures and Regular Service Maintenance' in the back of this instruction manual.

## CLEANING

- Cleaning can be done often - using domestic detergents.
- Do not use acids, alkaline or any other chemical solvents
- When cleaning actuators disconnect from mains power before wiping down with a moist cloth.
- When cleaning, be careful of entrapment, as it could cause physical injury.

## P5500 PARTS LIST

### Hi-Low End Frames

Please note: quantities are for one end.

|    | Description                     | Qty | Code             |
|----|---------------------------------|-----|------------------|
| 1  | White Flanged Nylon Bushes      | 2   | 55/WFNB          |
| 2  | White End Cap Nylon Bushes      | 2   | 55/WE CNB        |
| 3  | Black plastic End Cap           | 2   | 55/BPEC          |
| 4  | Locking Castors 100mm           | 2   | 55/LC100         |
| 5  | Timber grain End Boards         | 2   | 55/TGEB          |
| 6  | Hi/Low Electric Actuator        | 1   | 270128-00        |
| 7  | Head end Coiled Cable           | 1   | 0277012-200      |
| 8  | Foot end Coiled Cable           | 1   | 0277013-150-1250 |
| 9  | 3/8 x 50mm Pins and Clips       | 2   | B/PINL           |
| 10 | M8 x 50mm Set screw             | 2   | M8/50SS          |
| 11 | M8 Spring washer                | 2   | M8/SW            |
| 12 | 8G-18 x 20 button HD s/ tapping | 8   | 8G-18/ST         |

### Transport Bracket

Please note: quantities are for one transport bracket.

|   | Description                | Qty | Code     |
|---|----------------------------|-----|----------|
| 1 | ¼ Detent Pins              | 2   | 1/4D/Pin |
| 2 | Nylon Lanyard              | 2   | LAN      |
| 3 | 25 x 25 Black plastic Caps | 2   | 25/SQBPC |
| 4 | Coloured Wafer Screws      | 8   | AL1016   |

## Mattress Base Section

Please note: these are parts for both backrest and kneebreak sections.

|    | Description                     | Qty | Code             |
|----|---------------------------------|-----|------------------|
| 1  | Aluminum Joining Bars           | 2   | 55/AJB           |
| 2  | M10 x 20mm Set Screws           | 2   | M10/20SS         |
| 3  | M10 Spring washers              | 2   | M10/SW           |
| 4  | ¼ Detent Pins                   | 4   | 1/4D/Pin         |
| 5  | Nylon Lanyard                   | 4   | LAN              |
| 6  | Black Hand Wheels               | 2   | 55/BHW           |
| 7  | Back Rest Electric Actuator     | 1   | 270127-00        |
| 8  | Knee Break Actuator             | 1   | 277100A211100040 |
| 9  | Back rest straight cable        | 1   | 0277011-200      |
| 10 | Knee Break Coiled cable         | 1   | 0277012-400      |
| 11 | 3/8 x 50mm Pins and Clips       | 4   | B/PINL           |
| 12 | Handset                         | 1   | HB7460253-60600  |
| 13 | Nylon Slide Strip for Kneebreak | 2   | P5022            |
| 14 | Coloured Wafer Screws           | 8   | AL1016           |

## SPARE PARTS LIST

### Hi-Low End - Spare Parts

| Description                                                                  | Code       |
|------------------------------------------------------------------------------|------------|
| Outer assembly including caps and nylon guides                               | P5-009     |
| Nylon guide set to suit P5-009 (A set is one Shoulder bush and one cap bush) | P5-NGS     |
| Black plastic cap to suit the P5-009                                         | P5-BEC40   |
| Inner assembly                                                               | P5-008     |
| End boards in Oak Laminate                                                   | P5500HB-NO |
| Complete end including end boards and castors                                | P5500CE    |

### Head Base Assembly - Spare Parts

| Description                                                                  | Code     |
|------------------------------------------------------------------------------|----------|
| Main head frame to suit P5500 including Detent pins, lanyards and black caps | P5-012   |
| Main frame to suit P5500W including Detent pins and black caps               | P5-012W  |
| Backrest assembly to suit P5500 including black caps                         | P5-013   |
| Backrest assembly to suit P5500W including black caps                        | P5-013W  |
| Black caps 25 x 25 square                                                    | BPC-SQ-1 |
| Detent pin 6mm                                                               | P5-DP6   |
| Lanyard to suit Detent pin                                                   | P5-LYD   |
| Aluminum Joining bar to suit the 5000 series with tube size 50mm x 30mm      | P5-AJB   |

## Foot Base Assembly - Spare Parts

| Description                                                                                | Code       |
|--------------------------------------------------------------------------------------------|------------|
| Main foot frame to suit P5500 including Detent pins, lanyards, nylon strip and black caps  | P5-003     |
| Main foot frame to suit P5500W including Detent pins, lanyards, nylon strip and black caps | P5-003W    |
| Small kneebreak section to suit P5500 including Black caps                                 | P5-004     |
| Small kneebreak section to suit P5500W including Black caps                                | P5-004W    |
| Large kneebreak section to suit P5500 including support bar                                | P5-005     |
| Large kneebreak section to suit P5500W including support bar                               | P5-005W    |
| Manual vascular bar to suit a P5500 bed                                                    | P5-VSP     |
| Black caps 25 x 25 square                                                                  | P5-BEC2525 |
| Detent pin 6mm                                                                             | P5-DP6     |
| Lanyard to suit Detent pin                                                                 | P5-LYD     |
| Nylon strip to suit P5-003 & P5-003W                                                       | P5-NS      |
| Locking hand wheel; Colour is Black                                                        | P5-BHW     |

## Transport Frame - Spare Parts

| Description                                                                             | Code       |
|-----------------------------------------------------------------------------------------|------------|
| Transport Bracket to suit P5500 & P5500W including Detent pins, lanyards and black caps | P5-015     |
| Black caps 25 x 25 square                                                               | P5-BEC2525 |
| Detent pin 6mm                                                                          | P5-DP6     |
| Lanyard to suit Detent pin                                                              | P5-LYD     |

## Castors - Spare Parts

| Description               | Code   |
|---------------------------|--------|
| Castors to suit the P5500 | CA-113 |

## Electrics - Spare Parts

| Description |                                                                                                         | Code       |
|-------------|---------------------------------------------------------------------------------------------------------|------------|
| Control Box | Control box light grey (Replaces the CB6S614+A2009) (Also can be used for battery backup on old model.) | CB6574-00  |
| Handsets    | Handset (Latest Model)                                                                                  | HB8X016-00 |
| Actuators   | Main Lift light grey (Latest Model)                                                                     | 270279-00  |
|             | Back Rest light grey (Latest Model)                                                                     | 270278-00  |
|             | Knee light grey (Latest Model)                                                                          | 270280-00  |

## Optional Features - Spare Parts

| Description              | Code            |
|--------------------------|-----------------|
| Battery kit 1300mm cable | BA1811-1300-000 |

## Accessories - Spare Parts

| Description                                | Code             |
|--------------------------------------------|------------------|
| Power Cable                                | SML912091        |
| Foot Hi/low coiled Cable                   | 0277013-150-1250 |
| Head Hi/Low coiled Cable                   | 0277012-200-A    |
| Kneebreak coiled cable                     | 0277012-400-A    |
| Backrest straight cable                    | 0277011-200      |
| Cable retaining clip for a CB6 Control box | 09271042         |

## SERVICE & MAINTENANCE RECORD

## RECORD OF PERFORMED SERVICE PROCEDURES AND REGULAR SERVICE MAINTENANCE



I confirm that technical staff have undertaken the repairs as described in the Service and Maintenance Record and the equipment is now functioning properly.

Date \_\_\_\_\_ Customer Signature \_\_\_\_\_

## STAEBEL P5500 HOMECARE BED WARRANTY

### Conditions

From date of purchase, your Staebel P5500 Homecare Bed is guaranteed for 10 years on the frame 5 years on the electrics, (LINAK) 1 years on castors, and 1 year on the battery. Professional service of product to be carried out annually and documented in the 'Record of Performed Service Procedures and Regular Service Maintenance' in the back of this instruction manual. This warranty applies only on the parts manufactured or approved by Active Medical.

### Exclusions

This warranty does not extend to those items that may need replacement due to normal wear and tear, or to damage caused by misuse or accident, for which Active Medical or its distributors cannot be held responsible.

If your bed should need attention due to failure as defined under the warranty above, please contact the distributor from whom you purchased your bed.

Please fill in the below and retain for your own records.

Date Purchased

Model

Serial Number(s)

Distributor

Distributor Address

Distributor Contact Number

Issue Date: 131224  
Revision Date: 140826 / V6