Casa Community & Nursing Care Beds

Instructions for use

Casa Med Classic FS / Casa Nuova 4

Part No 45146BE Rev.0 201807

Contents

1. INTRODUCTION

Thank you for purchasing this product. These instructions for use should be read carefully before operating the bed. Please ensure that you understand all instructions, if you have any questions concerning the operation or maintenance of the bed please contact your Drive DeVilbiss Healthcare Specialist, who will provide you with expert professional advice. Drive DeVilbiss Healthcare recommend the bed is assembled and maintained by Drive DeVilbiss Healthcare service engineers or qualified personnel.

2. CONTACT INFORMATION

For any service, warranty, sales or customer service information regarding this product, please contact your provider or if in doubt contact Drive DeVilbiss Healthcare Ltd. at the following address.

Drive DeVilbiss Healthcare Ltd,

Heathfield Lane,

Birkenshaw,

West Yorkshire.

BD11 2HW.

Please quote the product serial number on all correspondence. This can be found on the identification labels, which are located on the inside of the backrest mattress platform frame, on the inside of the leg section mattress platform frame and on the lower cross section of each bed end.

Telephone: + 44 (0) 845 0600 333

email: sales@drivedevilbiss.co.uk

web: www.drivedevilbiss.co.uk

For service & support outside the United Kingdom & Northern Ireland, please contact the local distribution company from where this equipment was purchased. Failure to do so may result in the manufacturer's warranty becoming void.

3. PRODUCT DESCRIPTION

3.1 Environment

Your bed is intended for use in the following environments:

- A domestic area where the bed is used to alleviate or compensate for an injury, disability or disease.
- A long term care area where medical supervision is required and monitoring is provided if necessary (e.g. nursing homes, rehabilitation facilities, geriatric facilities etc.).

3.2 Intended Patient Group

The bed frames are intended for an adult who is up to 140 Kg in weight (Casa Med Classic FS / Casa Nuova 4 with steel mesh platform). The Casa Nuova 4 can be used for an adult who is up to 180 Kg in weight if the patient has the steel tube mattress platform for the bed frame. For more information see the part codes in section 18 of this IFU, and / or contact Drive DeVilbiss Healthcare Ltd using the contact details in Section 2.

A lower (or upper) age limit is not defined as it depends on the physical size of the patient in relation to the various proportions and gaps around the bed frame. Patients must be in excess of 146cm in height and have a BMI greater than 17.

3.3 Intended Use

The intended use of the bed is for sleeping / resting and it is intended to assist in diagnosis, monitoring, prevention, treatment, alleviation of disease or compensation for an injury or handicap, as determined by the end user and care staff.

The bed frame is intended to support a single adult. A risk assessment must always be performed on the suitability of the patient to the bed frame and any ancillary accessories.

The bed is typically transported to the end user environment on a distribution vehicle and installed by community health care loan store installation staff or Drive DeVilbiss approved installers. The bed sections can be assembled onto transport stands, intended to maximise the manoeuvrability of the bed during transportation, whilst minimising the footprint of the bed on the distribution vehicle. Installation staff are responsible for performing the initial set up of the bed, including side rail assembly, handset setup, and the setup of any other compatible accessories specified by the professional user.

The patient is only defined as such when situated in the bed. Both the professional user and patient are intended to operate the bed. It is the professional user's responsibility to determine that the patient is both mentally and physically capable of operating the bed functions with minimal risk of personal injury.

The bed is intended to provide patients with optimum independence and freedom of movement and carers with greatly reduced manual handling needs via the electrically operated movable sections.

For assistance in setting up, using or maintaining your bed or to report unexpected operation refer to the contact details found in section 2.

3.4 Product Overview

The Casa range of beds is intended to be plugged into a permanent mains supply. A low height version of the bed is also available, providing a solution where falls management is an important consideration. The low height bed has a minimum and maximum mattress platform height 170mm lower than the standard height bed.

The chosen handset, intended for use by both the patient and carer. Beds are supplied with an 8 button non locking handset, optional 9 and 10 button handsets provide the carer with the ability to lock out the use of bed functions as necessary to reduce the risk of accidental operation. It is the carer's responsibility to determine that the patient is both mentally and physically capable of operating the handset with minimal risk of personal injury.

The handset operates an electronic linear actuator system, which is controlled via a central control box. The actuators are attached to the moving parts of the bed frame allowing the bed to be operated via the use of the handset.

Two powder coated steel bed ends support the mattress platform frame, the electrical system and a set of side rails (when fitted) to provide patient protection; the bed has a safe working load of 175 Kg in weight (Casa Med Classic FS / Casa Med

Classic FS Low / Casa Nuova 4 w/ steel mesh platform) or 200 Kg in weight (Casa Nuova 4 w/ steel tube platform). The bed is manoeuvrable via the aid of four individually lockable castors which are attached to the bed ends. However, it is not designed for patient transportation. The bed can be disassembled into four separate sections, which can be assembled onto the transport stands provided with the bed, aiding transportation and storage.

3.5 Features

- Electrically operated backrest, height adjustment and leg rest angle.
- Electrically operated foot down tilt* (with optional 9 and 10 button handset).
- Auto contour – simultaneous adjustment of the backrest and leg rest section.
- Patient handset (optional 9 & 10 button handsets have lock out function).
- Optional integral full length side rails.
- Can be broken down onto four separate sections.
- Transport stands to aid storage and bed transportation.


Warning

*As standard, the 8 button handset provided omits the foot down tilt (reverse Trendelenburg) and the head down tilt (Trendelenburg) function for safety reasons. If a Trendelenburg function is required a replacement handset can be purchased featuring this function. Please refer to section 18 for the part code and refer to the contact information in section 2 to order or to request further information.

Drive DeVilbiss recommend the use of the 8 or 9 button handset when the bed is being used in a domestic environment.

3.6 Tools Required

- Phillips (cross-head) screw driver
- Torx driver T10
- 19mm & 21mm open end spanner

4. SAFETY

4.1 Warnings and Cautions


Warning

Warnings in these instructions for use highlight potential hazards that if disregarded could lead to injury or death.


Caution

Cautions in these instructions for use highlight potential hazards that if disregarded could lead to equipment damage or failure.

4.2 Risk Assessment

Before a patient uses the bed, a risk assessment must be performed on a patient by patient basis. The risk assessment should include, but is not limited to:

- Entrapment.
- Falling out of the bed.
- Small adults (and children).
- Patients with learning difficulties.
- Unauthorised people with access to the bed.
- Use of side rails.

4.3 Contraindications

Patient conditions for which the use of the Casa Bed is a contraindication are as follows:

- Cervical or skeletal traction.
- Unstable spinal fractures – If bed functions remain unlocked.
- General skeletal fractures – If relevant bed functions remain unlocked.
- Mental capacity not sufficient to operate handset functions safely – If bed functions remain unlocked.
- Confused, agitated or restless – If side rails fitted and/or in raised position.
- Exceeds maximum patient weight of bed.
- Less than 146cm in length.
- BMI less than 17.
- Less than 40 Kg in weight.

Other contraindications may be relevant which are specific to the patient or care environment.

4.4 Bed Load

Safe working load: 175 Kg in weight (Casa Med Classic FS / Casa Med Classic FS Low / Casa Nuova 4 w/ steel mesh platform) or 200 Kg in weight (Casa Nuova 4 w/ steel tube platform).

Maximum patient weight: 140 Kg in weight (Casa Med Classic FS / Casa Med Classic FS Low / Casa Nuova 4 w/ steel mesh platform) or 180 Kg in weight (Casa Nuova 4 w/ steel tube platform).

Safe working load is the sum of:

- Patient mass.
- Mattress mass.
- Accessories mass.
- Mass supported by the accessories (excluding patient mass).

Warning

The maximum loads shown above are for the bed to be occupied by one person. The bed is not designed to take the weight of visitors sitting on the side of the bed. Additional weight could damage components or cause the bed to become unstable, potentially causing injury.

4.5 Training

All professional users are to be suitably familiar with the bed's functionality and its limitations prior to use. Patients are to be familiarised with handset and bed functionality by the professional user at the earliest opportunity, ideally before using the product.

It is the responsibility of the professional user to ensure they are suitably qualified to use the bed and any associated accessories safely and correctly. If these instructions for use are not deemed sufficient and the need for training is required please contact Drive DeVilbiss Healthcare Ltd. or your local provider (see section 2) who will be able to discuss training options with you.

4.6 General Warnings

Warning

- The bed is to be installed and put in to service in accordance with the information provided in these instructions for use.
- The bed is typically not suitable for child use, if it is to be used for child occupancy ensure a risk assessment has been undertaken taking in to account the proportions of the child and dimensions of the bed frame.
- The bed is not suitable for occupants who are less than 146cm in length – If in doubt please contact your provider or Drive DeVilbiss Healthcare Ltd. for further advice.
- The bed is not suitable for occupants who weigh less than 40 Kg – If in doubt please contact your provider or Drive DeVilbiss Healthcare Ltd. for further advice.
- The bed is not suitable for occupants who have a BMI less than 17 – If in doubt please contact your provider or Drive DeVilbiss Healthcare Ltd. for further advice.
- Misused electrical equipment can be hazardous.
- Accessories that have not been approved or designed for use with the bed are not to be used – A hazard could be introduced due to product combination incompatibility.
- Modification of the bed frame is not allowed without the permission of Drive DeVilbiss Healthcare Ltd. – A hazard could be introduced.
- Electrically operated beds should not be used in the presence of flammable gasses or used in oxygen rich environments – Risk of explosion/fire.
- Keep the bed away from sources of heat and naked flames (e.g. cigarettes, electric fires, fan heaters etc.) – Risk of explosion/fire.
- Bed functions must be locked out if there is any doubt about the ability of the patient to operate the bed safely.
- If children, adults with learning difficulties or even pets pose a potential risk of intentional or unintentional tampering with the bed its suitability for use is to be considered during the initial patient/product risk assessment.

5. TRANSPORT AND STORAGE

The following conditions should be followed when transporting and storing the bed:

- To save space, the bed should be stored on the transport stand.
- The bed should always be stored on a flat and level floor.
- The bed ends should be set to minimum height.
- If fitted the bed extension should be removed and stored separately.
- Side rail components, if applicable (not including side rails) to be kept in the channels on the bed ends (or stored safely together).
- The brakes should be applied.
- All profiling sections should be secured with hook and loop tape (or similar).
- All functions on the handset should be locked out.
- The bed should be covered to protect it from fluid ingress, dirt, dust etc.
- Beds should not be stored one on top of another.
- Beds should not be stored on their side.
- Ambient temperature: -20®C to +50®C.
- Humidity: 30% - 75% at 30®C – not condensing.
- Atmospheric pressure: 800hPa to 1060hPa (altitude ≤ 2000m).

Warning

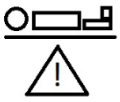
- The bed is not intended for patient transport, it is not to be moved out of the room it is located in with a patient occupying the bed – Risk of patient/carer injury. If the bed is to be moved within the room with an occupant in the bed a risk assessment in line with local health and safety policy is to be undertaken in order to ensure that neither staff nor patients are put at risk when moving the bed; this is dependent on the situation and load on the bed.
- If transporting the bed whilst on its transport stand ensure a risk assessment in line with local health and safety policy is undertaken to ensure that the staff are not put at risk when moving the bed, especially in regards to moving up/down inclines and uneven surfaces.
- The bed must never be moved on the transport stand with the locking collars missing or in the unlocked position – Risk of bed collapse.
- To prevent the risk of cross infection, when moving a bed from an end user's residence, ensure that all activities in relation to the bed are carried out using disposable gloves and that they are then discarded appropriately, unless it can be verified that the bed and any associated accessories have been suitably cleaned and disinfected prior to collection.
- On the return of a bed from an end user's residence, prior to putting the bed into storage ensure it has been cleaned and disinfected in line with the local infection control policy and/or as defined in section 12 of these instructions for use.

Caution

- The bed is not to be pushed over thresholds – If done so damage to the frame could occur.
- Hook and loop tape (or similar) used for storage should be removed after assembly and before operation – damage to the frame could occur due to restriction.

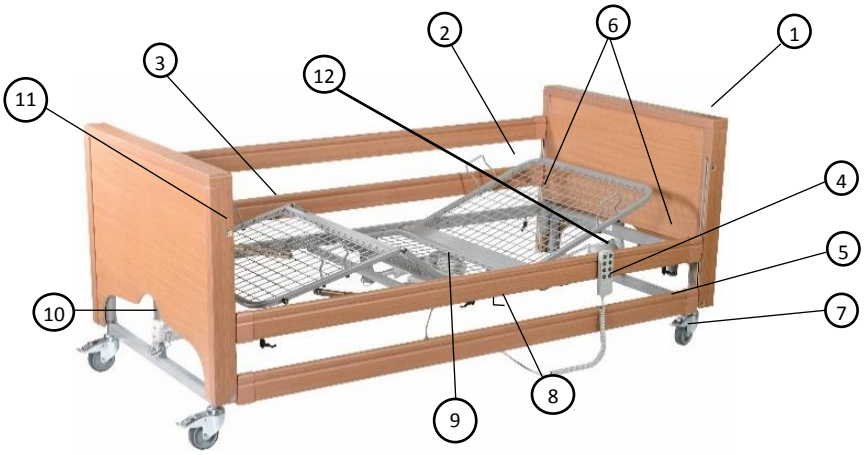
6. SYMBOL DEFINITION

The following symbols are found on this bed:

	Refer to instructions for use Failure to read the instructions for use could introduce a hazard
	Maximum patient weight Refer to section 4.4
	Safe working load Refer to section 4.4
	Type B Applied part <u>Applied parts:</u> The parts of the device that come into physical contact with the user/occupant in order for it to carry out its intended function (refer to section 17 for a description of the applied parts). <u>Type B</u>: Applied parts complying with specific requirements for protection against electric shock (IEC 60601-1) and that can be immediately released from the patient.
	W.E.E.E Label – Found on idividual electrical parts (Waste Electrical and Electronic Equipment) Refer to section 14
	Operating Temperature The temperature range at which the equipment was designed to work in.

7. PARTS IDENTIFICATION

Casa Classic



1. Head end (actuator with blue marker)
2. Backrest section
3. Leg section
4. Handset x 1
5. Side Rails x 1 set of 2 upper and 2 lower rails
6. Accessory socket x 2
7. Brake Castor x 4
8. Control box/backrest actuator (black marker) x 1
9. Leg rest actuator (Yellow marker)
10. Foot end (actuator with white marker)
11. Side rail release
12. Head end (actuator with blue marker)

Casas Nuova

8. BED ASSEMBLY AND PREPARING FOR USE

Warning

- Before attempting to assemble the bed, ensure these instructions have been read and fully understood.
- Only qualified personnel are to assemble and prepare the bed for use, if in doubt contact Drive DeVilbiss Healthcare Ltd. or your local distributor.
- Ensure a risk assessment in line with local health and safety policy is undertaken to ensure that staff are not put at risk when performing assembly activities.
- Take care when disassembling the bed from the transport stand, the sections are of considerable weight.

A video showing the assembly of the Casa Classic FS is available on the Drive DeVilbiss website (note the build process of the Nuova and Classic FS are identical):- search 'Classic FS' or 'Nuova', a video link is available under the 'Image & Video Gallery' section.

8.1 Removal from the Transport Stand

- Clear the area intended for the bed of any obstructions and ensure the surface is level.
- Apply the brakes to the castors.
- Loosen all safety screws and take out the mattress support sections.
- Carefully lift the transport stands away from the bed ends and place carefully against a wall or on the floor. If placing against a wall, ensure the castor brakes are applied.

  Note: when the transport stands are lifted away neither bed end will be supported

- Carefully lift the ends of the transport stand away from the remaining bed end. The bed has now been separated into its constituent parts.





8.2 Assembling the Bed

When selecting the bed's location, ensure that there is sufficient space for access to the patient in the bed on at least one of the bed's sides and that there is a power socket conveniently located nearby. The nursing bed can be assembled by one person. Once the components have been unpacked, assembly takes approximately 15 minutes.

- Whilst supporting one of the bed ends, lift one of the mattress platform halves and slide into the swing-away arms of the bed end (A). Secure in place by tightening up the hand levers, one each side (B)
- Repeat the above process for the remaining halve platform.
- Release the brakes on the castors on both bed ends.
- Bring both halves of the bed together (C) and secure in place by tightening up the central hand levers, 1 each side.

(A)

(B)

(B)

(C)

Warning

The bed must never be used if the hand levers are loose or missing – Risk of bed collapse.

Caution

Ensure all tie wraps and buckle & webbings (or similar) securing any of the sections in place are removed prior to operation – Damage to the frame could occur.

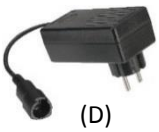
8.3 Fitting the Electrical System

- Fit the control box and head actuator to the supports on the mattress frame, refer to the label (G) affixed to the underside of the mattress platform for correct orientation of the control box/actuator, using the quick release bolts (F), ensure the entry of the low voltage mains cable into the control box is upper most.
- Close the quick release bolt retainers.
- Fit the foot actuator to the supports on the mattress frame, using the quick release bolts, ensure the motors are fitted as shown in the label (G).

(A)

(B)

(C)

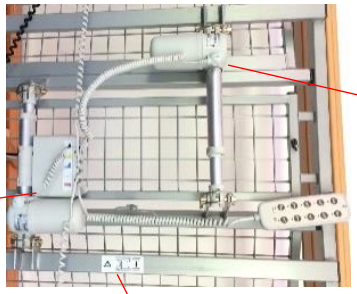


(D)

(E)

A	Control Box & Head Actuator x 1
B	Foot actuator x 1
C	High/Low Actuator x 2 (already fitted to bed ends on arrival)
D	Mains Lead x 1
E	Hand set x 1
F	Quick fix bolt

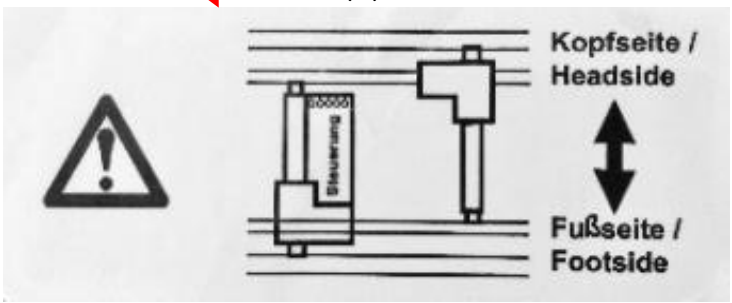
(A)



(B)

(F)

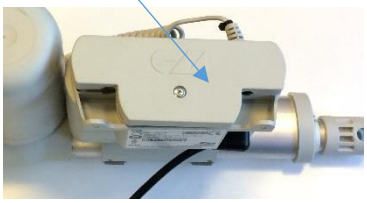
(G)



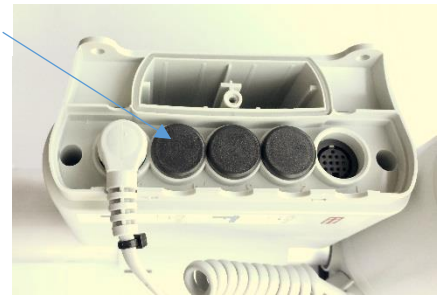
Caution

It is imperative that the actuator motors are fitted in the correct direction (see label on the underside of the mattress support of the nursing bed)

(A)



(B)



- Remove port cover (A) using a Torx T10
- Remove the black circular port covers (B) from the control box
- Plug the actuator and handset cables into the control box. The control box has a label showing the correct port into which the corresponding cable should be inserted (see table below)

Note: The plugs only fit into the ports in one orientation. Ensure the cables are plugged fully into the control box. Any connections not in use must be closed with dummy connectors.

Once all the cables are connected they are to be secured by refitting the cover. Attach the cover to the control box and fasten in place using the supplied screw and Torx T10 tool.

Symbol	Colour	Port	Function
	Red	Handset	Controls all functions of the bed
	White	Main height Actuator foot end	Raises or lowers the height of the bed
	Blue	Main height Actuator head end	Raises or lowers the height of the bed
	Yellow	Foot section profiling actuator	Adjust the angle of the foot section of the mattress platform
	Black	Back section profiling actuator	Adjust the angle of the back rest of the mattress platform

Warning

The two bed ends are identical however plugging the actuators into the correct ports is important to ensure the bed ends operate as intended – Risk of the bed having the ability to go into head down tilt accidentally if incorrectly plugged in, creating a potential hazard when in use.

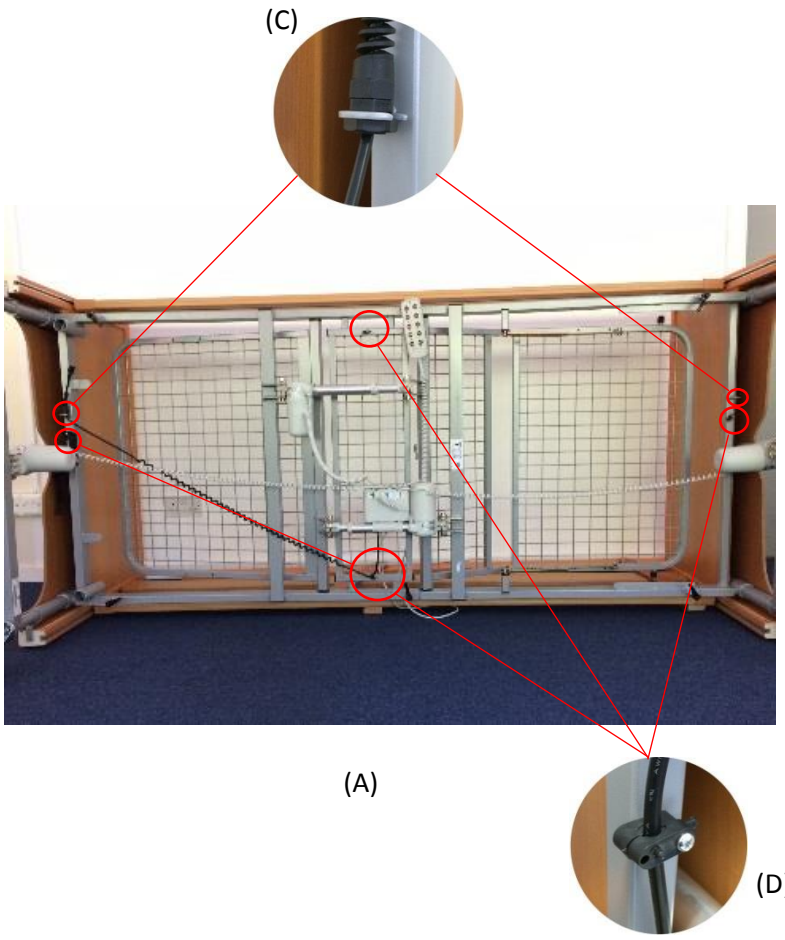
8.4 Cable Routing

Several mains cable restraints are fitted to the underside of the bed. Depending on the location of the mains supply in relation to the bed, the mains cable should be routed in such a way it will not become entrapped with moving parts of the bed or become a trip hazard.

(A) Shows the mains cable being clipped through the cable restraint on Nursing Beds (circled).
(B) Shows the mains cable being routed through cable restraint on Casa Nuova 4.
(C) When using this type of cable restraint, secure using a 19 and 21mm open ended spanners taking care not to over-tighten.
(D) When using this type of cable restraint, secure the cable using a cross point screwdriver.

Ancillary Product Cable Routing

When fitting ancillary electrical equipment, ensure the coiled cables are free to extend and retract without becoming entrapped in the moving parts of the bed or over extended.



(B)

Warning

Ensure all cables, in particular the mains cable, are free from moving parts and are not under excess tension to avoid cable damage – Damaged cables can create a risk of electrocution/fire.

The mains cable exiting the control unit is to be connected to the power supply plug. Take the 2 plugs and push them together, ensuring the connection has been fully made.

8.5 Fitting the Side Rails

Raise the bed to approximately the midpoint of its height range. Refer to section 9.4 for details of handset operation.

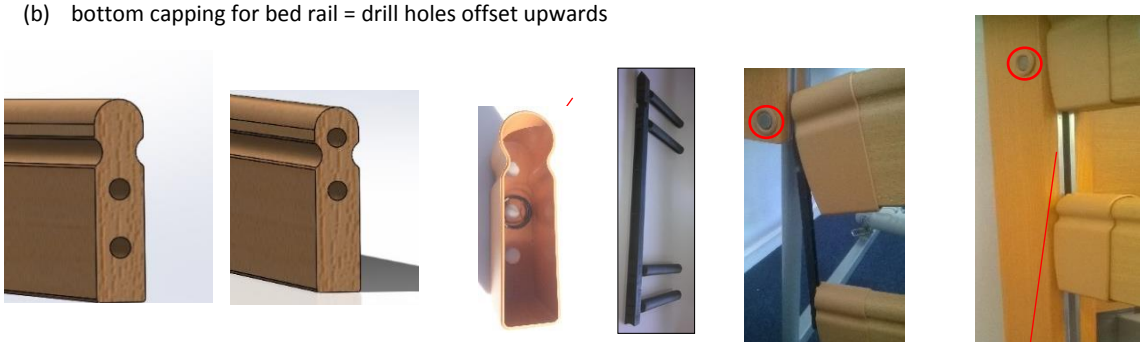
Warning

If there is any doubt about the assembly of the side rails contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails can lead to death.

8.5.1 Fitting wooden side rails

If wooden side rails which are labelled (upper or lower) are fitted, the bed rail capping's have different drill holes in them:

(a) top capping for bed rail = drill holes offset downwards
(b) bottom capping for bed rail = drill holes offset upwards



(a) (b) (c) (d) (e) (f)

- Slide the plastic caps (c) on to the bed rail (observe drill hole position in the wooden rail).
- Push the bed rails (a & b) onto the slider (d) on the slider.
  Note: Before pushing on the end caps, check to see that the spring is located in the cap(c) (arrowed above).

Fixing the bed rail at the head end:

- Press bottom button (e), push the slider (d) with the point facing upwards into the aluminium channel (f) located on head or foot board and engage in top locking device. Repeat for the opposing end of the rail and also for the second rail.

8.5.2 Fitting Metal Side Rails

- Place side rail carrier (a) with the pointed end facing upwards into the side rails with end caps (b)
- Ensure that the top rail angles upwards and the bottom rail angles downwards.
- Insert the side rail carrier with rails into the aluminium track on the side of the head board (c).
- Release hand lever (d) and raise the rails.
- Repeat the same process for foot end.
- Once rails are fitted (c) to raise/lower the side rails, simply release the hand lever on the rear of the aluminium track (d) whilst supporting the rails, and then raise/lower them accordingly. Check the pin is fully fitted and secure in its hole (d)

(a) (b) (c) (d)

Warning

Never drop the side rails to lower them, always control rate of movement by hand. When lowering the side rails, ensure there is no bed clothing or bed user's limbs within the area of the tube structure. When raising the side rails, ensure there are no obstructions to interfere with the locking mechanism. Always ensure the rails are fitted correctly (top rail – angle upwards, bottom rail – angle downwards).

8.6 Side Rails and Mattresses

The Casa Beds are supplied with integral side rails. When specifying a mattress and side rail combination a clinical assessment of the patient's needs must be carried out, see section 18.3 for a list of compatible mattresses.

8.7 Side Rail Safety

Drive DeVilbiss only recommends the use of Casa side rails with Casa beds. Drive DeVilbiss does not recommend the use of the Casa Bed and the associated side rails when caring for individuals who are less than 146cm in length – It is the equipment provider's responsibility to ensure suitability for use.

Warning

- Whilst every care has been taken to ensure that the design of the Casa side rails meet the relevant safety standards, beds fitted with side rails can still pose a potential risk of death from entrapment and asphyxiation
- All staff responsible for the purchase, selection for use, and the adjustment of bed side rails should be aware of the potential risk of entrapment and asphyxiation when a bed is occupied.
- Care must be taken when positioning and adjusting side rails to ensure that any spaces between the side rails, mattress or bed frame will not allow entrapment of the occupant's head or body. In addition, consideration should be given to the size and physiological condition of the occupant and an assessment undertaken to ensure that the spacing between the bars of the side rails are not wide enough to present a potential risk of entrapment and/or asphyxiation. All staff responsible are to be aware that increased vigilance is required

8.8 Checking the Bed

The bed is now fully assembled. Before it is put into use, ensure the bed has been correctly assembled by carrying out the following checks:

- Are the 6 hand levers on the mattress support fully tightened?
- Has all packaging been removed, e.g. cable ties/hook and loop tape securing the platform sections?
- Are the cables free of all moving parts of the bed and is there sufficient free cable to allow for movement?
- Is the bed clear of obstructions?
- If fitted, do the integral side rails raise/lower smoothly and lock automatically when raised to the highest position?
- Has a risk assessment been performed on the suitability of the bed (and any ancillary equipment) for the user?

8.9 Knee Break / Leg Section

Note: The operation of the leg section is dependent on the position of the ratchets as detailed below.

The bed is fitted with an adjustable leg section. When the leg section function on the handset is operated, the height or angle of the leg section is adjusted, depending on whether or not the leg section ratchet is engaged.

To set the bed so that the leg section angle adjustment operates:

- Press the leg section button on the handset to fully lower the leg section. The ratchet will automatically default to the angle adjustment setting when the leg section is lowered.

To set the bed so that the leg section height adjustment operates:

- Press the leg section button on the handset to raise the leg section to maximum height.
- Taking hold of the bottom of the foot section, slowly lift the section **manually** so the ratchet engages, stopping when the required angle has been reached.
- To lift the section **electronically** using the handset, press the raise button for two seconds. Release, press the lower button for one second, and then fully raise to the desired elevated leg rest position.
- The ratchet will automatically reset when the leg section is fully lowered again, defaulting the leg section to the angle adjustment setting.

Warning

Before attempting to engage/disengage the ratchet mechanism **manually** either:

- Ensure there is no load on the foot section, or
- Support the foot section with a second able bodied person.

Caution

The leg section is only to be used for the lifting of a patient's legs – Any other use may damage the bed frame.

8.10 Handset – Information on the variants

All motor-powered movements of the nursing bed are performed using the handset. The handset is intended to be used by both the carer and the patient. It is the Carer's responsibility to determine that the patient is mentally capable of operating the handset with minimal risk of personal injury.

The Casa beds can be equipped with various handsets. Please refer to the white label on the cable for the handset designation.


Warning

- Engage the lockout functions if a patient could be injured due to inadvertent motion of the mattress platform. Ref 9.3 page 24.
- If children, adults with learning difficulties or even pets pose a potential risk of intentional or unintentional tampering with the bed the lockout function on the handset is to be used at the discretion of the carer.
- Consideration is to be taken with regards to the storage of the handset lockout key to minimise the risk of it being swallowed or posing a choking hazard to a baby, child, bed occupant or any other person.
- Consideration is to be taken when storing the handset lockout key to minimise the risk of unauthorised users changing the lock setting.
- Drive DeVilbiss recommend the use of the 8 or 9 button handset when the bed is being used in a domestic environment.

8.11 Installation / Preparing for Use

Prior to operating the bed for the first time the following simple checks must be performed:

- Ensure the bed and all accessories are at room temperature.
- Ensure the bed has been cleaned and disinfected (see section 12).
- Ensure the brakes on the castors at the head end of the bed have been applied.*
- Before locking the castors, ensure they are aligned so that they run parallel to the length of the bed.
- Ensure the mains cable is plugged into an appropriate mains socket.
- The handset may be in a locked or unlocked state, ensure it is set according to the patient requirements (see section 9.4 for handset operation), before positioning the bed according to the patient's needs.

*If the bed will be used in foot down tilt, it is advisable to unlock the foot end castors to prevent them dragging over the floor during the bed's tilting motion, otherwise all four castors should be locked to prevent inadvertent movement of the bed.

Warning

- Ensure the mains cable is plugged into an appropriate power source at all times.
- Ensure the electrical cables are not in tension, paying particular attention to the mains cable when the bed/backrest travel up/down.
- Ensure that all cables and the handset are clear of all moving parts to prevent damage to the electrical components
- Inappropriate handling/positioning of the mains cable could cause kinking or shearing of the cable which may lead to exposed live wires – risk of electrocution.
- Drive DeVilbiss recommend the bed is left in its lowest position when the patient is unattended in order to reduce the risk of injury due to a fall.
- Before operating the bed ensure the patient is positioned appropriately ensuring all limbs are clear of moving parts to reduce the risk of injury.
- The mains plug is the disconnect device for the means of isolating the bed from the mains supply, the plug must be accessible at all times.
- Precautions are to be taken when routing cables from external equipment around the bed to ensure that they do not become crushed, trapped or damaged – Damaged cables could pose a risk of electrocution/fire.
- A CE marked extension cable must only be used when it is not possible to reach a wall socket with the equipment mains cable – Contact Drive DeVilbiss or the equipment provider for information regarding the safe use of extension cables.
- If an extension cable is used never overload it by plugging in appliances that together with exceed the maximum current rating stated for the extension cable – Risk of fire.
- 'Block' adaptors should not be used.
- Ensure multiple socket outlets are not positioned under the bed frame – Liquids that leak onto such a socket could pose an electrical/fire risk.
- Any electrical component that is part of the bed frame or associated ancillary equipment that is found to be damaged must be removed from service immediately and replaced – Damaged electrical components could pose a risk of electrocution/fire.
- Consideration is to be taken in the positioning of the bed cables and handset cable to minimise the risk of accidental strangulation resulting from entanglement of the bed occupant or any other person.
- After assembly of the bed there should be no parts remaining. However, consideration is to be taken in the event of spare components (pins, clips etc.) being evident to minimise the risk of them being swallowed by the bed occupant or any other person; this could pose a choking hazard.
- Keep the bed away from sources of heat and naked flames (e.g. cigarettes, fireplaces, electric fires, fan heaters etc.) – Close proximity could damage the electrical system and/or pose a fire hazard.

Caution

- If the bed has come from a storage/transport temperature environment near to the minimum or maximum values stated allow the bed to adjust to room temperature for a minimum of 2 hours prior to plugging the bed into the mains supply – Risk of electrical system damage if operated outside of the recommended temperatures.
- Do not use the side rails to move the bed – Side rail/bed frame could be damaged.
- Avoid placing the bed frame in direct sunlight – Direct sunlight could damage the electrical system and/or cause the bed to face in colour over time, including fading of the bed labelling.
- Avoid placing the bed frame in a moisture rich environment – Prolonged exposure to moisture could damage the electrical system and/or have a detrimental affect on the bed frame components.
- Special care should be taken when fitting an air mattress to the bed as incorrect fitting could damage the bed frame.

Caution

- When the bed is operated, ensure that obstacles such as over bed tables and other furniture are not causing an obstruction.
- Ensure the bed is positioned an appropriate distance from walls/other furniture to prevent equipment damage when operating the bed (particularly when operating a tilt).
- If the bed is being used in conjunction with a hoist ensure the under bed clearances are checked before lowering the bed t minimum height – Risk of frames clashing.
- Special precautions regarding EMC need to be taken, the bed is to be installed and put into service according to the EMC information provided in section 16.

9. Operation of the bed

9.1 Operational Limits

- Ambient temperature: +10°C to +40°C
- Humidity: 30% - 75%
- Atmospheric pressure: 800hPa to 1060hPa (altitude ≤ 2000m)

9.2 Brake System

The bed has four braked castors.

- To apply the brakes: Press the brake pedal down on each of the four castors using the foot – Drive DeVilbiss recommend appropriate footwear is worn to operate the pedal safely.
- To release the brakes: Push the brake release pedal down on each of the four castors (located on top of the castor).

When the bed is in use Drive DeVilbiss recommend all brakes are applied in normal use – Foot end castors should be unlocked if the tilt function is to be used.

9.3 Operating the Side Rails

Warning

- Ensure the side rails are locked in place at all times when in the raised position to prevent injury or entrapment.
- When raising/lowering the side rails ensure they are free from limbs, to prevent injury or entrapment.

Cautions

- Do not use the side rails to move the bed – Side rail/bed frame could be damaged.
- Do not use the side rails as a positioning or lifting aid – Side rail and/or bed frame could be damaged.
- When lowering, do not drop the side rail – Side rail and/or bed frame could be damaged.

To lower the integral wooden side rails

1. Lift one end of the top side rail upwards.
2. Press the button at the raised end of the side rail, whilst holding the side rail up.
3. Gently lower the side rail until fully down at one end. The button can be released after the side rail has begun to lower.
4. Repeat the process at the opposite end of the bed.

To raise the integral wooden side rails

1. Raise the top rail whilst pressing the button at the raised end of the side rail.
2. Release the button after the side rail has passed the button and is secured in place.

To lower the integral metal side rails

1. Lift one end of the top side rail upwards.
2. Pull the button at the raised end of the side rail, whilst holding the side rail up.
3. Gently lower the side rail until fully down at one end. The button can be released after the side rail has begun to lower.
4. Repeat the process at the opposite end of the bed.

To raise the integral metal side rails.

1. Hold the top rail, whilst pulling out the button at the raised end of the side rail.
2. Release the button after the side rail has passed the button and is secured in place.

9.4 Electrical Operation

The bed is supplied with an easy to use handset. The handset may be operated by the occupant or carer. If the carer is to operate the bed ensure that the occupant is made aware of the action(s) about to take place.

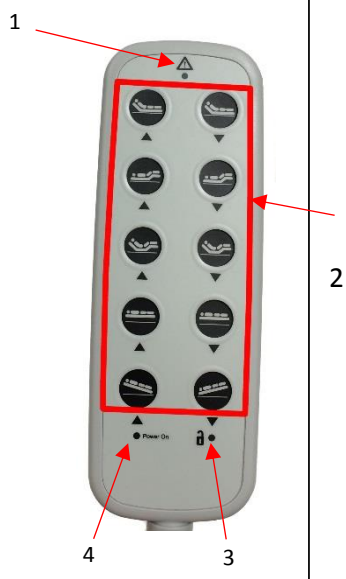
Holding down of the relevant button causes the desired function to operate, releasing the button causes the operation to terminate and all movement to stop.


Warning

- Ensure a risk assessment is undertaken to ensure the suitability of the occupant using the handset.
- The handset cable must also be considered in regards to the risk of accidental strangulation of the bed occupant or any other person – If the cable introduces an unacceptable risk it is recommended that the handset is removed from the bed.
- Before lowering the bed ensure no one is in close proximity to the underside of the bedframe – Risk of crushing.
- Before lowering the bed ensure feet/limbs are kept away from the castor pedals – Risk of crushing (low beds only).
- As standard, the handset provided omits a head down tilt (Trendelenburg) function for safety reasons. If the Trendelenburg function is required a replacement 10 button handset can be purchased featuring this function. Please refer to section 18.2 for the part code, refer to the contact information in section 2 to order or to request further information
- Drive DeVilbiss recommend the use of the 8 or 9 button handset when the bed is being used in a domestic environment.


Caution

- If the bed is continuously used for an extended period of time and it exceeds the duty cycle the control box may become temporarily disabled or irreparably damaged – See section 16.1 for further details.
- Before lowering the bed ensure the area underneath is free from objects/obstructions – Risk of damage to the bed and object/obstruction.



2	• Backrest up/down (8,9 & 10button) • Leg section up/down (8,9 & 10button) • Auto contour up/down (backrest & leg section) (8,9 & 10button) • Raise/lower mattress platform (8,9 & 10button) • Foot down tilt (9&10 button only) • Head down tilt , Trendelenburg (10 button only)

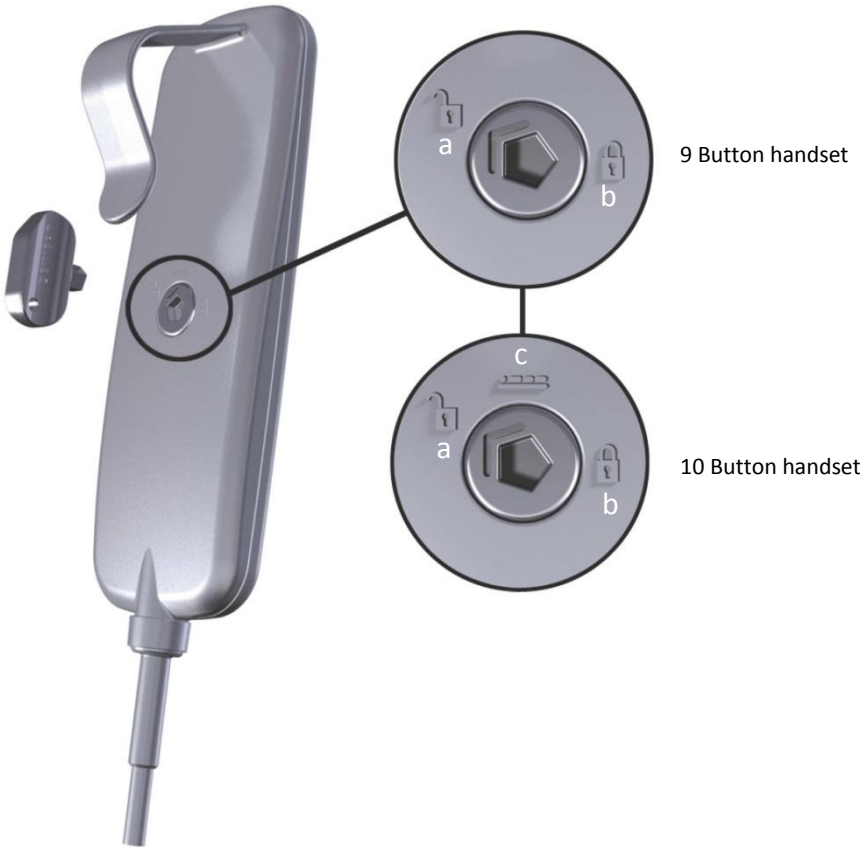
1	Amber Illumination	Handset functioning
3	No Illumination	Handset locked, no functions available
3	Amber Illumination	Handset fully un-locked, all functions available.
3	Green Illumination	Trendelenburg functions locked, no tilt available
4	Power On No Illumination	No mains power present
4	Power On Amber Illumination	Mains power present

When the bed is in the foot down tilt position the platform is levelled via the mattress platform raise/lower buttons to take the frame fully up or down until the platform is level.

An optional 9 or 10 button handset is available, with a lockout function which enables the carer to disable the bed's functions if they are deemed unsuitable for the occupant. The lockout function on the handset is to be used at the discretion of the carer.

Warning

- Engage the lockout function if a patient could be injured due to inadvertent motion of the mattress platform.
- If children, adults with leaning difficulties or even pets pose a potential risk of intentional or unintentional tampering with the bed the lockout function on the handset is to be used at the discretion of the carer.
- Consideration is to be taken in the storage of the handset lockout key to minimise the risk of it being swallowed by a baby, child or the bed occupant and creating a choking hazard.
- Consideration is to be taken in the location of the handset lockout key to minimise the risk of unauthorised users changing the lock setting.



9 Button handset

10 Button handset

a	All functions available
b	No functions available
c	Trendelenburg position (head down) locked out

10. ASSEMBLY ONTO THE TRANSPORT STANDS

Warning

- Before attempting to assemble the bed onto the transport stands ensure these instructions have been read and fully understood.
- Ensure a risk assessment in line with local health and safety policy is undertaken to ensure that staff are not put at risk when performing assembly activities.
- Take care when assembling the bed onto the transport stands, the sections are of considerable weight (see section 8.1).

Side Rails (if fitted)

- Raise/lower the mattress platform to approximately its middle height, ensuring the platform is level.
- Carefully lower the side rail from the side rail channel.
- Whilst supporting the side rail, remove the side rail & plastic finger at both ends, and place them on the floor.

Electrics

- Flatten and lower the bed to its minimum height (see section 9.4).
- Unplug the mains cable from the mains socket.
- Using a suitable tool, remove the retaining clip from the control box.
- Unplug the bed end and leg section actuator cables from the control box.
- Detach the cables from the cable routing clips on the underside of the bed.
- Remove control box and profiling actuators from the mattress platform, reverse order to the assembly, Ref:8.3.

Bed Frame

- Using the buckle and webbing secure the backrest to the main mattress platform outer frame and a cable tie for the leg section, secure the moving parts of the backrest and leg section to the bed frame halves.
- Loosen the hand levers in the middle of the bed frame.
- Whilst supporting both halves of the bed frame near the centre of the bed, split the bed in half by carefully pulling the sections apart and gently lower onto the floor – this may be considered easier with the help of a second able bodied person.
- Apply the castor brakes on the bed ends.
- Loosen the hand levers on the backrest section of the mattress support.
- Whilst supporting the bed end, lower the backrest section of the mattress support carefully on to the floor.
- Position the bed end carefully up against the wall.
- Place the transport stands on the swing arm and tighten the hand knobs to secure in place.
- Loosen the hand levers on the leg section of the mattress support.
- Whilst supporting the foot end, lower the leg section of the mattress support carefully on to the floor.
- Fit the foot end carefully on to the transport stand and tighten the hand knobs to secure in place.

Assembling onto the Transport Stand

- Before lifting the backrest and leg section frames, ensure the moving parts have been secured with Velcro clip tie or similar.
- Carefully lift the leg section and lower the open ends onto the vertical tubes of the transport stands. The leg section must be fitted to the transport stands before the backrest section.
- Carefully lift the backrest section and lower the spigots through the larger open tubes on the transport stands.
- Tighten the hand wheels on the leg section frame.
- Ensure the electrics, instructions for use, fingers for side rails and quick release pins are stored securely and are not at risk from damage during transportation of the product.

Warning

- The bed must never be moved on the transport stand with the hand wheels loose – Risk of bed collapse.
- Ensure moving parts have been secured with the buckle & webbing strap or similar – Risk of sections moving in an uncontrolled manner.

11. POWER FAILURES

In the event of a power failure the bed will not function, resulting in the backrest and/or leg section remaining in the last position being used (for example, a raised position).

The backrest and leg section are operated via two individual actuators that are located underneath the mattress platform. If either the backrest or leg section actuator is raised in the event of a power failure and needs to be lowered:

- Locate the actuator supporting the relevant section.
- Hold/support the section – It is recommended that two carers support the section*.
- Remove the quick release pins that hold each end of the actuator in place and remove the actuator.
- Gently lower the section(s) to the flattened position.
- The function that has been manually lowered should be locked out on the handset until the actuator is reattached.

Warning

*If the section is to be lowered with a patient in the bed, a risk assessment should be carried out to determine the weight applied to the backrest and whether it is possible to lower the section safely. It is recommended that two carers support the section prior to lowering. When the pins are removed there is nothing supporting the section, the carer(s) holding the frame must be ready to support the weight on removal of the pin.

12. DECONTAMINATION

Infection control and routine cleaning must be carried out in accordance with your local infection control policy or regulatory body.

It is advisable to remove any accessories that are fastened to the bed. These instructions apply to the bed and all accessories, excluding pads and mattresses.

Warning

- Always disconnect the bed from the main power supply prior to cleaning.
- Ensure all ports on the electrical system (control box and actuators) have cable plugs fully inserted to maintain the IP rating.
- Regular cleaning and disinfection of the bed frame and relevant accessories will help to prevent the risk of infection to the occupant and/or carer.
- Prior to transferring the bed frame/accessory to another user ensure it has been cleaned and disinfected using the method as detailed below to help prevent the risk of cross infection.

12.1 Cleaning and Disinfection Guidelines

General Cleaning:

- The bed should be cleaned by starting with the cleanest parts of the bed and systematically moving to the dirtiest parts. Extra care should be taken around areas where excess dirt or dust may gather.
- The cloth should be changed during the cleaning process if it becomes soiled.
- Wipe down with a clean cloth moistened with a mild detergent and dilute with water (40°C).
- Rinse with cold, clean water and a clean cloth, and allow to fully dry before use.

Decontamination:

- Mop up any fluid with paper towels.
- Wipe bed down using cold clean water.
- Wipe down with a 0.1% Chlorine solution (1,000ppm) in cold water.
- Rinse with cold clean water and a clean cloth and allow to fully dry before use. Always ensure the cleaned parts are allowed to dry before putting the mattress back in place.

In cases of blood spills or other bodily fluids it is recommended that a 1% Chlorine solution (10,000ppm) is used instead.

Note: If any of the stages stated above are omitted or combined it will reduce the effectiveness of the clean.

Caution

- The use of neat bleach or similar surface cleaners is not recommended as damage may be caused to the cleaned surfaces.
- Do not use high pressure hoses on the bed as they could cause damage to the electrical components.

13. MAINTENANCE

13.1 General Inspection

Drive DeVilbiss Healthcare Ltd recommends that authorised personnel perform frequent visual and operational inspections. If there are any signs of damage or the bed is not performing as it should withdraw it from service until the bed has been repaired and is fit for use again.

Periodically check to ensure that:

- The bed operates as per its intended purpose.
- All parts are present.
- All fixtures and fittings are tight.
- The frame is mechanically sound, with no cracking, particularly around welded areas.
- No parts show signs of excessive wear.
- The electrical components display no sign of damage – If so turn off at the mains and remove the bed from use immediately.
- The cables have no kinks or damage.
- The cable routing is correct.
- The bed is cleaned following the guidelines in these instructions for use.

13.2 Fault Finding

Listed below are a set of electrical faults that may occur within the service life of the bed. If a fault does occur please try the following suggestions, as these may help in diagnosing the fault.

Fault	**Possible Cause**	**Remedy**
Electrical function(s) do not work	Functions locked out (9 and 10 button only)	Unlock function(s) – see section 9.4
	Mains cable not plugged into the control box or wall	Check to see if the 'power on' light on the control box is lit and the mains cable is plugged in at both ends
	Actuator/handset cables not plugged in	Check plug connections on the control box and actuators
	Damage to electrical component(s)	Turn off at the mains and contact an approved service engineer
	Heavy load on the bed and the duty cycle has been exceeded	If the control box has exceeded its duty cycle, permanent damage will have occurred, a replacement control box will be required
Electrical function(s) working slowly	Heavy load on the bed	Remove load
Incorrect functions work when handset operated	Cables plugged into incorrect ports on control box	Review cables and graphic on control box to assess if connections are correct

13.3 Servicing

Only authorised service personnel or Drive DeVilbiss Healthcare engineers should carry out repairs or service activities. Failure to do so may result in the manufacturer's warranty becoming void. The bed must be serviced once yearly, as a minimum.

- Failure to carry out the following checks at the stated frequency could negatively influence the essential performance of the bed and as a result put the patient at risk.
- Always disconnect the bed from the mains power supply prior to performing any maintenance procedures (when not checking electrical functions)
- Modification of the bed frame is not allowed without the permission of Drive DeVilbiss Healthcare – A hazard could be introduced.
- The bed should be vacated by the patient before any maintenance or inspection takes place. If it is not possible due to the patient's mobility, a risk assessment should be carried out, and if deemed safe to proceed, care should be taken for the service engineer to avoid contact with the patient when working on electrical items.
- Only Drive DeVilbiss approved components, specified for the Casa beds should be used – If in doubt contact Drive DeVilbiss Healthcare Ltd or your local distributor.
- Electrical system components are only to be replaced by authorised service personnel or a Drive DeVilbiss service engineer.
- Never attempt to re-wire any components.

To maintain the bed's essential performance the following checks must be performed:

- Check that all electrical functions operate correctly on the handset.
- Check that all electrical components and cables are in good condition – If not turn off at the mains and remove bed from use until replacement parts are available.
- Check the retaining clip is fastened to the control box, securing the electrical cables in place.
- Check that all nuts, bolts and fasteners are tight and that none are missing or incomplete.
- Check that all hand levers and hand wheels are present.
- Check that the backrest and leg rest functions (angle and height adjustment modes) work correctly.
- Check the castors lock/unlock correctly and that when locked, the castors do not swivel or roll.
- Check that all product labels are present and intact.
- Check that the frame is mechanically sound with no cracking around the welds, bending of tubes etc.
- Raise and lower the side rails. Check that they move smoothly.
- If side rails are fitted, check that the lock on the side rails lock securely when the side rails are in the raised position.
- If any gaps appear to be outside of specification remove the bed from use until the dimension of the gap in question has been confirmed.
- If in doubt about the correct replacement of a component contact Drive DeVilbiss Healthcare Ltd. or your local distributor.
- For spare part codes please contact Drive DeVilbiss Healthcare Ltd. Contact details can be found in section 2.

14. DISPOSAL OF PARTS

- When the bed frame, any associated accessories and/or the electrical system have come to the end of their useful life follow local recycling and W.E.E.E. (waste electrical and electronic equipment) policies – For further information contact Drive DeVilbiss Healthcare Ltd (see section 2).
- The electrical system on the bed frame is not to be disposed of in general municipal waste. Some of the electrical components could be harmful to the environment and where viable the components can be recovered and reused/recycled.
- The steel, wood and plastic components are also to be separated and disposed of following the local recycling policy as these can also be recovered and recycled.

The bed and any associated accessories are to be decontaminated before disposal to avoid risk of cross contamination.

15. SPECIFICATION

15.1 Bed Data

Product	**Casa Nuova 4 – with mesh mattress support**	**Casa Nuova 4 – with metal steel tube mattress support**	**Casa Med Classic FS**
Overall length	213cm	213cm	214.5cm
Overall width	102cm	102cm	102.5cm
Mattress platform height	40-80cm or 23-63cm	40-80cm or 23-63cm	40-80cm or 23-63cm
Mattress platform length	200cm	200cm	200cm
Mattress platform width	90cm	90cm	90cm
Mattress platform angles	Back Section 70° / Leg Section 20°	Back Section 70° / Leg Section 20°	Back Section 70° / Leg Section 20°
Safe working load	175 Kg	200 Kg	175 Kg
Maximum patient weight	140 Kg	180 Kg	140 Kg
Product Weight on Transport Stand	74.5 Kg	73 Kg	108 Kg
Side Rails (pair)	14 Kg	14 Kg	13 Kg
Mattress Support – Leg Section	16 Kg	16 Kg	16 Kg
Mattress Section – Back Section	19 Kg	17.5 Kg	19 Kg
Bed Ends, including high/low actuators (each)	17.5 Kg	17.5 Kg	25 Kg
High/Low Actuators (each)	2.2 Kg	2.2 Kg	2.2 Kg
Control Unit / Head Actuator	2.3 Kg	2.3 Kg	2.3 Kg
Foot Actuator	1.7 Kg	1.7 Kg	1.7 Kg
Handset	0.3 Kg	0.3 Kg	0.3 Kg
Patient lifting pole (21873BE) Product Weight	8.4 Kg	8.4 Kg	8.4 Kg
Patient lifting pole (21873BE) SWL	125 Kg	125 Kg	125 Kg

16. ELECTROMAGNETIC COMPATIBILITY (EMC)

The Casa beds have been designed to meet the EMC requirements of IEC 60601-1-2. However, it may still be affected by or emit harmful radio frequency (RF) energy. The RF emissions from the electrical system are very low and are not likely to cause any interference to nearby electronic equipment. However, interference to sensitive equipment is still possible. Likewise if the immunity limits of the electrical system are exceeded the system may be seen to operate abnormally.

Interference can be received from fixed transmitters (e.g. commercial radio and television towers) and portable / mobile RF communications equipment (e.g. mobile phones). Due to the increasing number of mobile phones and other wireless devices the possibilities of interference to the electrical system and other surrounding equipment results in the need for special precautions to be taken regarding EMC.

If the bed or any alternative equipment is found to be operating abnormally turn off the piece of equipment that is believed to be causing the interference (if possible) to identify the source of the RF energy. Once identified mitigation measures are to be taken, such as the separation distances being increased and/or the device(s) being reoriented.

If the bed continues to operate abnormally turn off at the mains supply and contact Drive DeVilbiss Healthcare Ltd. or your local distributor (see section 2).

Warning

The bed should not be used adjacent to or stacked with other medical electrical equipment, where viable. If adjacent or stacked use is necessary, the bed and associated medical electrical equipment should be observed to verify normal operation – If not taken in to account abnormal operation could occur.

17. Electrical Data

Casa Nuova and Classic beds	
Power Supply	
Voltage in:	100-240v, 50/60Hz
Current in:	2A Max
Standby power	≤ 0.5w
	Class II
Control Unit	
Voltage in :	24-29v DC
Current in:	8A max
Electrical shock protection:	Class III
Protection Degree	IPx4

Mode of operation: intermittent duty 2 min / 18 min. This means that after the unit is operated with its rated load for up to two minutes it must then be paused for 18 minutes.
The system can malfunction if this pause is not observed!

Safety Standards: IEC 60601-1
IEC 60601-2-52

Applied part electrical shock protection: Type B

Applied parts: Mattress platform
Profiling sections
Bed ends
Bed rails

Liquid Ingress protection IPx4 – Splash resistant
Noise level ≤ 65dB(A)
Service life 3 years

Environmental Conditions:

Transport / storage temperature	From -20 °C to +50 °C
Operating temperature	From +10 °C to +40 °C
Relative humidity	From 30% to 75%
Air pressure	From 800 hPa to 1060 hPa
Altitude	< 2000 m

18. Product Codes – Beds

Product Code	Bed Style	Description
10156SALED3BE	Classic FS Low	Mesh mattress support, without side rails – BEECH, 8 button handset
10156SWRC5ED3BE	Classic FS Low	Mesh mattress support, with side rails – WALNUT, 8 button handset
10156SWRC6ED3BE	Classic FS Low	Mesh mattress support, with side rails – OAK, 8 button handset
10156SWRED3BE	Classic FS Low	Mesh mattress support, with side rails – BEECH, 8 button handset
10157SALED3BE	Classic FS Low	Wooden slat mattress support, without side rails – BEECH, 8 button handset
10157SWRC6ED3BE	Classic FS Low	Wooden slat mattress support, with side rails – OAK, 8 button handset
10157SWRED3BE	Classic FS Low	Wooden slat mattress support, with side rails – BEECH, 8 button handset
19847SED3BE	Classic FS	Wooden slat mattress support, with side rails – BEECH, 8 button handset
19849SC5ED3BE	Classic FS	Mesh mattress support, with side rails – WALNUT, 8 button handset
19849SC6ED3BE	Classic FS	Mesh mattress support, with side rails – OAK, 8 button handset
19849SED3BE	Classic FS	Mesh mattress support, with side rails – BEECH, 8 button handset
220010BE	Casa Nuova 4	Mesh mattress support, without side rails, 8 button handset
220011BE	Casa Nuova 4 Low	Mesh mattress support, without side rails, 8 button handset
220013BE	Casa Nuova 4	Mesh mattress support, without side rails, 9 button handset
220014BE	Casa Nuova 4 Low	Mesh mattress support, without side rails, 9 button handset
220015BE	Casa Nuova 4	Mesh mattress support, without side rails, 10 button handset
220016BE	Casa Nuova 4 Low	Mesh mattress support, without side rails, 10 button handset
220017BE	Casa Nuova 4	Mesh mattress support, with side rails, 8 button handset
220018BE	Casa Nuova 4 Low	Mesh mattress support, with side rails, 8 button handset
220019BE	Casa Nuova 4	Mesh mattress support, with side rails, 9 button handset
220020BE	Casa Nuova 4 Low	Mesh mattress support, with side rails, 9 button handset
22002BE	Casa Nuova 4	Metal steel tube mattress support, without side rails, 8 button handset
22003BE	Casa Nuova 4 Low	Metal steel tube mattress support, without side rails, 8 button handset
220021BE	Casa Nuova 4	Metal steel tube mattress support, without side rails, 9 button handset
220022BE	Casa Nuova 4 Low	Metal steel tube mattress support, without side rails, 9 button handset
22006BE	Casa Nuova 4	Metal steel tube mattress support, with side rails, 8 button handset
22007BE	Casa Nuova 4 Low	Metal steel tube mattress support, with side rails, 8 button handset
220023BE	Casa Nuova 4	Metal steel tube mattress support, with side rails, 9 button handset
220024BE	Casa Nuova 4 Low	Metal steel tube mattress support, with side rails, 9 button handset

18.1 Accessories and options

Please contact your Drive DeVilbiss Healthcare specialist dealer (see dealer stamp on the back cover) to order any of the accessories.

Description	Product Code
Patient pole with triangle	21873BE
Transport and storage system (standard)	16105BE
Integral metal side rails	24875BNBE
Integral wooden side rails	21069BE
Integral wooden side rails – extra high	H1006BE
Bed extension kit (90cm wide x 22cm length)	21804BE
Integral wooden side rails – extra long	10485NBE

18.2 Spare parts

Only use original spare parts, which have been approved by Drive DeVilbiss Healthcare.

If any spare parts are required, please contact your Drive DeVilbiss Healthcare specialist Dealer (see dealer stamp on back cover).

Description	Product Code
Control box & head actuator	80596BE
Knee brake actuator	78447BE
Foot end actuator	89382BE
Head end actuator	89382BE
UK Mains	83899BE
Euro Mains	79770BE
8 button handset	11835BE
9 button handset	19699BE
10 button handset	19721BE

Warning

Accessories and spare parts that have not been approved or designed for use with the bed are not to be used – A hazard could be introduced due to product combination incompatibility.

18.3 Compatible mattresses

The Casa Classic has been tested and approved with the following mattresses:

Product Code	Mattress - static	Specification
MAT/SOFT	Softrest	199 x 88 x 15.2cm
MAT/SOFT/CON	Softrest contour	199 x 88 x 15.2cm
MAT10BE	Profiling Foam Medium	199 x 90 x 12.7cm

The Casa Nuova has been tested and approved with the following mattresses:

Product Code	Mattress - static	Specification
MAT/ACCL/FLOW	Acclaim Flow Hybrid	199 x 88 x 15.2cm
MAT/ACCL/PRO	Acclaim Profiler	199 x 88 x 15.2cm
MAT/ACCL/VE	Acclaim VE	199 x 88 x 15.2cm
MAT/ACCL/COOL	Acclaim Cool	199 x 88 x 15.2cm
MAT/SOFT/VE	Softrest VE Mattress	199 x 88 x 15.2cm
MAT/SOFT/CON	Softrest Contour Mattress	199 x 88 x 15.2cm
MAT/SOFT	Softrest Foam Mattress	199 x 88 x 15.2cm
MAT10BE	Profiling Foam Medium	199 x 90 x 12.7cm
MAT20BE	Profiling Foam High	199 x 90 x 15.2cm
MAT30BE	Profiling Geltex High	199 x 90 x 15.2cm

Foam Extensions

MAT/ACCL/VE/EX/STRAPS	Acclaim VE Extension	180 x 88 x 15.2cm
MAT/SOFT/EX/STRAPS	Softrest Extension	180 x 88 x 15.2cm
CX66BE	Standard Infill	20 x 90 x 15.2cm

Other Drive DeVilbiss Healthcare mattresses available upon request – Contact your provider or Drive DeVilbiss Healthcare Ltd. to check for compatibility and suitability.

Drive DeVilbiss cannot be held responsible for any injury or incident which relates to the use of any product combinations not approved by Drive DeVilbiss Healthcare Ltd.

19. Warranty information

Drive Devilbiss Healthcare Ltd warrants that this product will perform in accordance with its specification and will remain free from defects in material and workmanship when used under normal conditions for a period of 3 years from the date of purchase from Drive DeVilbiss Healthcare Ltd, its subsidiary companies, authorised dealers or international distributors.

Important!

During the warranty period any parts that have become defective due to faulty workmanship or material will be repaired or replaced without charge by Drive DeVilbiss Healthcare specialist dealer. The warranty excludes all items that have been subject to undue wear and items subjected to misuse. Unauthorised changes or modifications will forfeit your warranty. If a defect or fault is discovered, the Drive DeVilbiss Healthcare specialist dealer from whom the electric bed was purchased should be notified immediately.

Limitations of liability

The warranty covers the supply of parts only and does not extend to the consequential costs resulting from fault clearance, in particular freight and travel costs, loss of earnings, expenses etc.

The manufacturer will not accept responsibility for any damage or injury caused by misuse or non-observance of the instructions set out in this user manual.

Dealer Stamp

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