



Centrobed

BESPOKE SPECIALIST BEDS & COTS

Quoddy User Manual



Warnings

Before assembly or use of the bed please read all the warnings and instructions.



Warning: This bed is to be supplied with a mains operated power supply.



Warning: The power supply / transformer must be replaced with an identical one. As specified by Centrobéd.



Warning: The mains lead must be replaced with identical mains lead to the one fitted. As specified by Centrobéd.



Warning: Ensure the bed is clean and properly assembled before use.



Warning: If this equipment is modified appropriate inspection and testing must be conducted to ensure continued safe use of the equipment.



Warning: Installing and moving this bed must be done by trained personnel.



Warning: Some parts of this bed are heavy and require 2 people to handle.



Warning: Do not place items under the bed as damage to the bed may occur as the bed is lowered.



Warning: When using the Quoddy, please ensure you are aware of the risks to people, animals and especially children etc, when moving the device.



Warning: This is ordinary equipment intended for indoor use only.



Warning: Do not use this equipment near explosive gases including anaesthetics. Please note Oxygen is **NOT** an explosive gas.



Warning: When pressing the handset allow a minimum of 1 sec between each action. Repeated short and quick presses of the button will lead to relay damage and failure of the bed.



Warning: The bed should be serviced once every year by either a trained personnel or Centrobéd.



Warning: *Damaged mains cables can cause fatal electric shocks. If found damaged, turn bed off at the mains.*

Maintenance and Inspection

Users:

The bed should be checked regularly to ensure there is no damage and to make sure nothing is preventing full range of movement.

Service Personnel:

Annual service will check the condition of all of the parts of the bed. All wiring should be checked for insulation breakdown and damages. Metalwork should be checked for any signs of wear and strain. All batteries must be replaced every 3 years. Throughout the service operations all functions will be tested.



Warning: The bed should be serviced once a year by trained personnel or Centrobéd.

Safety Warning



Warning: This bed is to be operated by trained and competent personnel.

1. This unit is mains powered. Ensure it is disconnected from the mains supply before cleaning or servicing the bed.
2. Crushing hazard. Make sure no animal or person goes underneath the bed.
3. Do not store anything under the bed, this could lead to damage to the bed and make the bed unsafe.
4. Apply the brakes before you move the client in or out of the bed.

Important Information

Insulation Class II means equipment is double insulated.
Type BF is the level of patient protection the equipment gives.

All details on the cleaning of the Quoddy Bed can be found on page 12

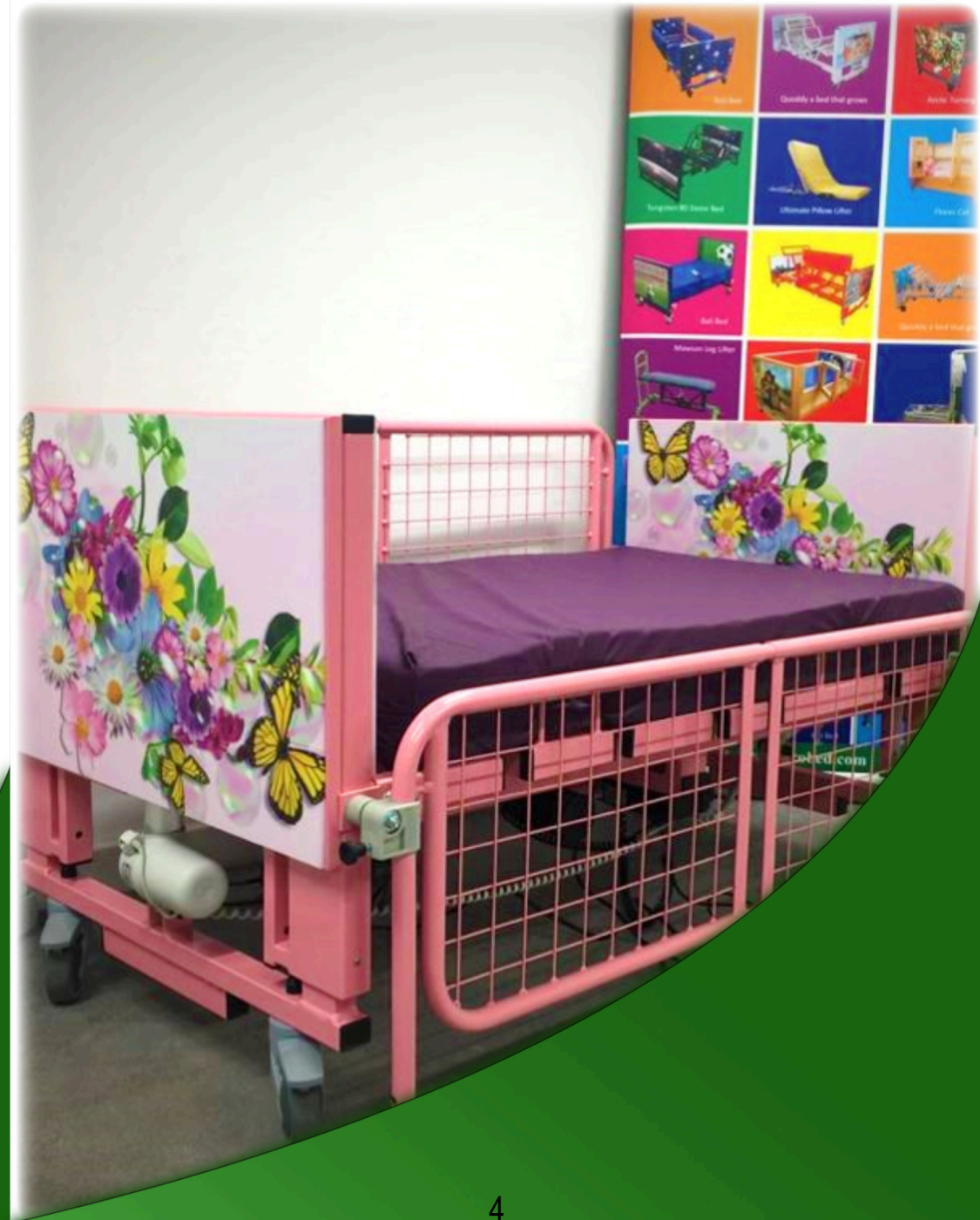
Risk Assessment

A risk assessment must be carried out periodically by the prescriber (Your Occupational Therapist) before use of the bed. The prescriber must carry out this assessment based on the patients atypical anatomy in relation to the information given within this manual. Care must also be taken against entrapment of patient.

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Quoddy



Specifications

Country of Origin	England
Name of Equipment	Quoddy Paediatric Bed
Description of Equipment	Electrical assisted Bed
Weight of Equipment	148.5kg [i]
Voltage	230V ~ [AC]
Power Supply Frequency	50 Hz
Power Consumption	2A Peak
Power Consumption Standby	55mA
Fuses in Bed	T3.15A + T10A
Insulation Class	II
Type	BF
Electrical Safety Standard	BS EN 60601-1
EMC Standard	BS EN 60601-1-2
Safety Standard	BS EN 60601-2-52
Specific Safety Standard	BS EN 50637
Duty Cycle	100%
Duty Cycle [per motor]	20%
Weight Limit on bed [i] +/- 20% depending on size and options.	Safe Load 18st (114kg) to Max 23st (146kg)

Application

The Quoddy is a fully profiling paediatric bed designed to be fun, support and grow with the child. The Quoddy grows and expands to 3 different sizes to go alongside the growth of the child: this range of lengths starts at 152 cm (60"), then growing to 168 cm (66") and finishing at 183 cm (72"). The high / low and fully profiling movements of the Quoddy are ideal for children who have chest problems.

The safety and comfort of the child are the two biggest benefits of the Quoddy bed and are what it is designed for. The Quoddy bed also has the option to come with bed rails that will help keep the children safe in their bed, no matter what the height setting of the bed is. Other additional features available include padding, a mattress, head and foot bumpers and bed rails to further increase security and comfort of the child. This bed helps give the parents peace of mind knowing their children are not at any risk while in their bed. The length of the Quoddy is easily adjustable for the child, the parent just has to unbolt and then extend the bed to the appropriate size for their child's needs.

Using your Quoddy

Before use read all warnings and safety instructions in this manual. Caution must be taken by anybody using the bed. Take reasonable care for the health and safety of yourself and others who might be affected by what you are doing. Care must be taken to ensure the bed does not come into contact with anything around it. Do not put items under the bed as they could get damaged and damage the bed when it moves. If any damage occurs please stop using the Quoddy bed.

Environment

This bed is designed to be used in a residential environment (As described in BS EN 60601-2-52)

Variants

These beds can be tailored for size and starting height. These and other options can be decided on between a representative of ours and your Occupational Therapist.

The bed has a standard mattress length of 60" [1524 mm], the standard mattress platform is 16" [405 mm] from the floor, and has a lift of 16" [405 mm]. The standard widths are two-foot-six [30" or 762 mm], three-foot [36" or 915 mm]

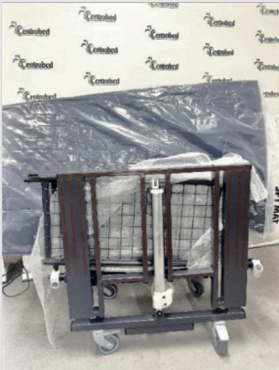
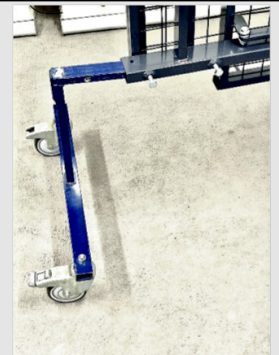
Installation

When the package arrives please follow the following instructions:

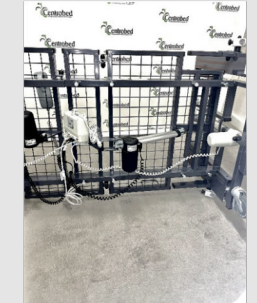
Instructions	Visual Representation
1. Firstly transport the boxes (including the bed) to your desired location.	

Installation

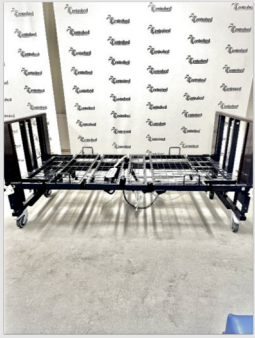
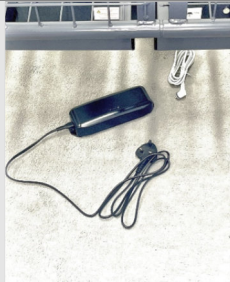
When the package arrives please follow the following instructions:

Instructions	Visual Representation
2. Once in your desired location, unbox the Metal Bed Frame and places this where you want the bed to go.	
3. Losen the hand wheels and separate the two ends of the bed.	
4. Losen bolts with a 17mm spanner and remove transporting wheels from bed.	

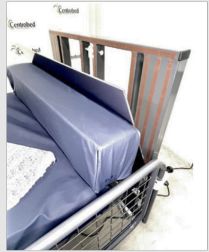
Installation

Instructions	Visual Representation
5. Fit end onto bed and tighten the 4 bolts (same for other end)	
6. Picture of the end assembled correctly.	
7. Connect the end motors to the bed control box.	
8. Connect the motors as shown in the visual representation for this step.	

Extending The Quoddy

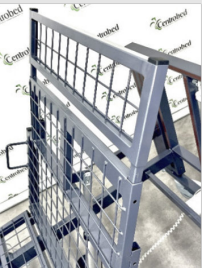
Instructions	Visual Representation
9. When assembled and connected, the bed should look like this	
10. Now put together the cot sides and attach them to the bed as seen here.	
11. Place the bumpers over the rails. It should look something like what is pictured here on the right.	
12. Connect the Transformer. <i>Transformer can be seen in the image on the right here.</i>	

Installations

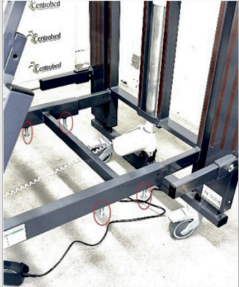
Instructions	Visual Representation
13. Remove the backing of the red tape and place panel.	
14. Attach and secure the panel (do this to both sides of both ends of the bed) <i>Example can be seen on the right.</i>	

Extending The Quoddy

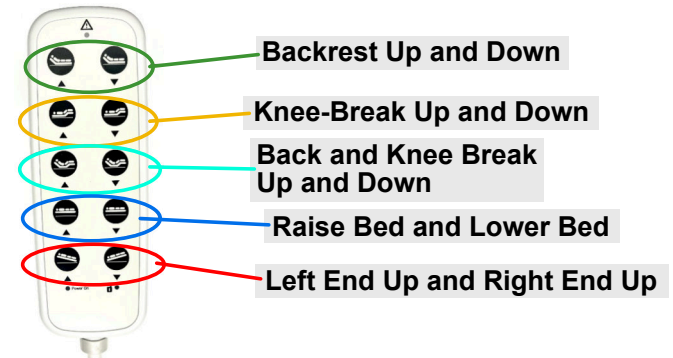
If you intend to extend the Quoddy, please use the following instructions:

Instructions	Visual Representation
1. Un-do and remove Allen Key Bolt as pictured here.	
2. Remove End Caps and fit extension piece to frame. After this has been completed, re-fit the Allen key bolt.	

Extending The Quoddy

Instructions	Visual Representation
3. Un-tighten the 4 bolts circled and pull out to the desired extension length.	
4. Re-insert Celvis Pin and attach R-Clip	
5. Now insert your desired extension piece, these pieces will look as shown in the image on the right.	
6. Visual Representation of what the Quoddy will look like once you have followed all these steps towards fully extending the bed.	

Handset Instructions



Cleaning

The Quoddy Bed is able to be used in a variety of differing environments; this must be taken into account when figuring out the cleaning regime. You should begin cleaning starting with a damp cloth to get rid of larger deposits of dirt, and then you should disinfect everything with anti-bacterial gel or an alcohol based cleaner. This bed is intended to be recycled, cleaned, serviced and reused. Make sure it gets disconnected from the mains supply before cleaning.

Risk of Material Damage:

Unplug the power cable and store the power plug in a safe place (ie a plastic bag) to avoid contact with water, anti-bacterial gels or alcohol based cleaner.

Make sure that all plugs are properly inserted into each socket, to avoid risk of plugs getting wet during cleaning process.

Ensure that none of the electrical components are showing any signs of external damages; otherwise the water, anti-bacterial gels or alcohol based cleaners used to clean the bed may damage the electrical components.

The electrical components of the bed must never be subject to a jet of water, a high pressure cleaner or any similar devices! Please only clean this bed with a moist cloth!

If you think that water or any form of moisture has got into the electrical components, immediately unplug the power pack. **DO NOT** plug it back into the socket. If you are experiencing this issue, please contact the provider of the equipment (your Occupational Therapist / District Nurse) and have the equipment looked at by a qualified electrician.

DO NOT use scouring agents, stainless steel cleaning agents, abrasive cleaning agents, scouring pads, super concentrated chemicals or any acid based cleaners. These substances can damage the surfaces.

Repairs

Repairs to the equipment must be executed by, or under the guidance and supervision of, a suitable trained engineer. For arranging any repairs, please contact the provider of the equipment (your Occupational Therapist / District Nurse).

Note: If the equipment was purchased from Centrobed directly, you can contact us on details given in this manual. If another organisation gave this equipment to you, then please contact the supplier company with regards to any repairs that you need.

If the checklist is followed first, many repairs can be avoided.

Below is a parts list that includes information on standard beds. Many Beds are tailored to individual needs and might have different parts.

Parts Available From Centrobed

Parts	Code	Description
Actuators [Motors]	594	Backrest
	593	Knee
	685	16" Lift
	667	20" Lift
	801	12 Button Handset
If 20" lift fitted use the actuator	665	Control Box
	665/1	Connection Cable
	665/2	Transformer / Power Lead

Advanced Fault Finding

If your Quoddy bed fails to function, please ensure you check the following:

Section 1 - Check the bed is switched on

Check the bed is plugged in and switched on. When you have checked the switch at the wall, make sure the mains socket is off and follow the cable towards the bed, checking for damage. If the bed is still not working try plugging the bed into a different socket.

Section 2 - Check the Handset is plugged in

Make sure the handset has no damage. If there is not any damage, please follow the cable to the control box and check that the handset is pushed in correctly.

Section 3 - Back or Knee not working

If the backrest and knee section of the bed are not working properly then you must check the following:

1. Check that there is nothing blocking the knee and back sections from fully lowering. (i.e. Objects restricting movement under the bed)
2. Ensure that the motors are both plugged into the control box, the sockets are labelled 4 and 3.
3. Make sure the handset is plugged into the control box fully.

Section 4 - Up and Down not working

First please ensure that your handset is plugged in fully. Next, work out which type of ends you have on your bed. The two types are known as "Standard - 1 motor end" or "Heavy Duty 2 motor ends". Check the handsets for either type.

Standard Ends -

This type has **1 motor end** per bed. They are white boxes, and you can find them located between the wheels. Check that the cables from the motors at the end of the bed are plugged into the control box.

Advanced Fault Finding

Heavy-duty

2 motor end - This type of ends has 4 motors to lift the bed. Each corner of the bed has an alloy tube with a plastic motor casing at the bottom. This bed type may have a separate handset for operating the high / low function of the bed if, it has use this handset. Use both the up and down buttons on the handset at the same time to lower the bed down. Then raise the bed to its Maximum height using the up button alone. If this doesn't seem to be working, please follow the cables from each of the motors to the "4 motor control box". Ensure all of the cables are plugged in, there should be 6. Two of these cables should go to the main control box on the outer side of the bed. Check and make sure these are plugged in.

Power Cut

*The Quoddy bed is a mains power controlled bed. Meaning if a power cut was to happen then the bed will not work. **If all of the above have been looked at and the bed is still not working please contact the person who supplied the bed (Authority, OT).***

If the bed has been privately purchased, checked and still is not working, then contact Centrobed Ltd on 01233 635353. Please ask for the Repairs Department

Symbols Used



Complies with European standards.
Found on the label and alongside the
serial number on the the frame of the bed.



Warning / Caution.



Maximum Patient Weight for the bed.
Label found on bed frame.



Maximum Weight for the bed.
Label found on bed frame.

Transport and Storage

The equipment must be stored at between 0°C to 50°C, 0% to 90% humidity and 800 hPa to 1060 hPa atmospheric pressure. The equipment should also only be used between 5°C and 40°C, 0% to 90% humidity and 800 hPa to 1060 hPa atmospheric pressure.

Interference

Interference should not occur between this and any other equipment, such as televisions, radios and other electronic equipment. If you do have interference with your Quoddy Bed, try relocating the Quoddy Bed and / or other equipment; try to collect them on different mains circuits. Ensure you use a mains power surge protector all the time.

Recycling

Electronic parts should be recycled in accordance with local regulations, when disposing of your bed or broken parts. Otherwise the equipment may also be returned to Centrobed for Environmental recycling. Please contact Centrobed for more information on this.

Contact Information

Tel: 01233 635353
E: info@centrobed.com
W: www.centrobed.com