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## Ultimate Pillow Lift

## Instruction Manual



# INSTRUCTIONS FOR USE

## EQUIPMENT

To set up the equipment you will need the following:

Ultimate Caspian Frame – Complete with actuator and handset, and a Caspian Pillow.

All of these are supplied by Centromed. The handset should arrive disconnected from the actuator, simply plug the connector on the end of the handset lead into the socket on the actuator. The Pillow will normally come already attached and may come with a cover.

First, you will need to plug in the handset. The Ultimate Caspian is supplied with the handset unplugged to prevent operation during transit so as not to use up the batteries for the backup system located in the handset.



*Example of handset plug disconnected*



*Example of handset plug connected*

The frame is available in two widths 680 mm (27 inches) or 910 mm (36 inches). The Pillow will normally come already attached and may come with a cover. There are 6 different Pillows available, these are a low risk pressure relieving foam in short 680 mm (27 inches), standard 1220 mm (48 inches) and extended 1810 mm (71 inches) long, each in standard and wide in the same lengths.

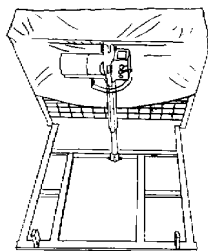
## FITTING

The Ultimate Caspian can be used on almost any bed as it lies on top of the mattress, see diagrams for details. An example of an Ultimate Caspian Pillow Lift in use can be found below;

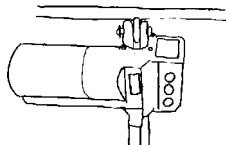


## ULTIMATE CASPIAN PILLOW CHANGE INSTRUCTIONS

To change the pillow on the Ultimate Caspian it will be necessary to remove the top pin on the actuator. To make this easier, fully extend the actuator so the Ultimate Caspian is in the upright position.



Locate the cotter pin at the top end of the actuator.



Remove the 'R' clip from the cotter pin and then remove the cotter pin itself. This will allow the actuator to be swung away from the mounting point. Now the pillow can be unhooked from the mounting point and slid off the frame.



*Example of actuator disconnected from top bracket*



*Example of 'R' clip and cotter pin respectively*

## USING YOUR CASPIAN

The handset is a low voltage device, which uses 24V D.C. to activate the main switches, which are located inside the control unit. It has two buttons, the top one to raise the Ultimate Caspian and a bottom one to lower the Ultimate Caspian. When the Frame reaches 80° the control unit will operate a safety device stopping it from raising any further.

## APPLICATION

The Ultimate Caspian is a fully portable device for people who experience problems getting in and out of bed or getting to a sitting position. The Ultimate Caspian is easily fitted to beds, and can support a patient in variable positions for added comfort.

## VARIANTS

The Ultimate Caspian is available in several variants these include different sizes of pillows and covers. The Ultimate Caspian is also available with an Environmental Control option for connection to Possum or Fox environmental control systems (ECS). The frame comes in two widths 680 mm (27 inches) or 910 mm (36 inches). There are 6 different Pillows available, these are a low risk pressure relieving foam in short 680 mm (27 inches), standard 1220 mm (48 inches) and extended 1810 mm (71 inches) long, each available in standard and wide widths.

## SERVICING

The Ultimate Caspian should be serviced once a year. The unit should be cleaned, tested for electrical safety (P.A.T.) and have its' handset backup batteries replaced.

## BACKUP BATTERIES

The Ultimate Caspian has a pair of batteries in the handset, which have enough power to lower the frame (once) should mains power fail. If they are used the handset backup batteries must be replaced.

# REPAIRS

*Note: If this equipment was supplied by Centromed, you may contact us on the details given towards the back of this manual. If the equipment was supplied to you by another company, please contact this supplying company with regards to repairs.*

## SAFETY WARNING

This unit is mains powered. Ensure it is disconnected from the mains before attempting any repairs. This unit is intended for service by qualified personnel only. **When using a pillow lift please ensure you are aware of the risk to partner, animals, children etc when lowering the device.**

## PARTS AVAILABLE FROM CENTROMED

TBA Ultimate Caspian Handset  
298 Ultimate Caspian Frame  
CPS Ultimate Pillow Short  
CP Ultimate Pillow Standard  
CPE Ultimate Pillow Extended  
CCS Cotton Short Cover  
CCE Cotton Extended Cover

296 or 188 Ultimate Caspian Actuator  
299 Ultimate Caspian Frame Wide  
CPWS Ultimate Caspian Wide Short  
CPW Ultimate Caspian Wide Standard  
CPWE Ultimate Caspian Wide Extended  
CC Cotton Standard Cover

## REPAIR FLOWCHART EXPLANATIONS

A. Does the Ultimate work when the buttons are pressed? If the Ultimate only works when one of the buttons is pressed, replace the handset as per section B. If neither button operates, change the actuator as per section D.

B. Undo the screw holding the handset cable to the actuator and unplug the handset. To re-fit the handset, plug the DIN connector into the actuator and re-fit the screw.

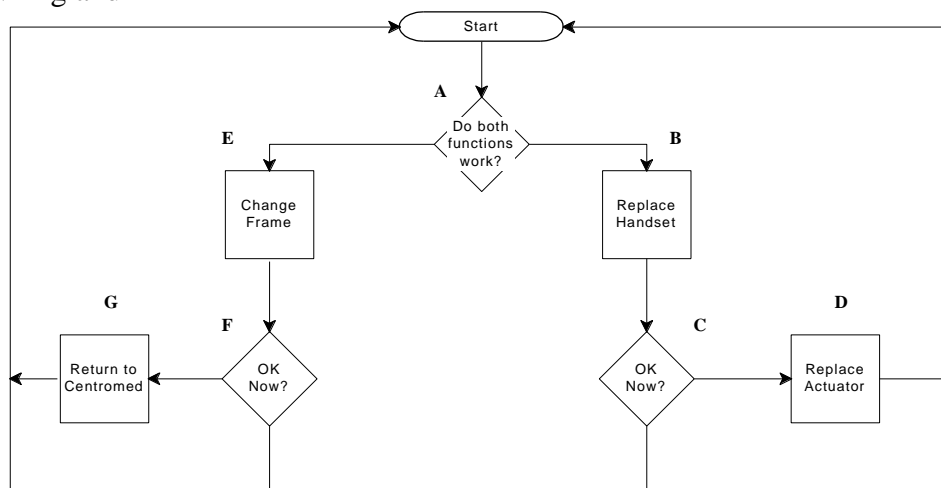
C. Does the actuator work when each button is pressed? If the actuator only works in one direction and the handset has been changed, replace the actuator as described below in section D.

D. To replace the actuator remove the 2 (two) Cotter pins and 2 (two) 'R' clips holding each end, and noting the orientation remove from the frame. It will be easier to do this with the frame in the open or up position. Place the new actuator in position (again it may be easier if the actuator is extended), re-fit the cotter pins and 'R' clips.

E. If there is any damage to the frame, it should be replaced. To do this, remove the actuator as described above in section D and refit it to the new frame, noting which way round it is fitted.

F. If the unit is still not operating correctly return as detailed below.

G. Return to: Returns dept, Centromed Ltd, Anglo House, Wotton Road, Kingsnorth Ind. Est. Ashford, Kent TN23 6LN England



# TECHNICAL INFORMATION

## SPECIFICATIONS

Country of Origin	.	.	.	.	.	.	England
Name of Equipment	.	.	.	.	.	.	Ultimate Caspian
Description of Equipment	.	.	.	.	.	.	Bed Raising Aid
Weight of Equipment	.	.	.	.	.	.	(14 Kilos)
Voltage	.	.	.	.	.	.	230 V ~ (A.C.)
Power Supply Frequency	.	.	.	.	.	.	50 Hz
Power Consumption	.	.	.	.	.	.	0.6 A Peak
Power Consumption Stand-By	.	.	.	.	.	.	<1mA
Fuse In Plug	.	.	.	.	.	.	3A Mains Fuse
Class	.	.	.	.	.	.	II
Type	.	.	.	.	.	.	BF
Electrical Safety Standard	.	.	.	.	.	.	BS EN 60601-1
EMC Standard.	.	.	.	.	.	.	BS EN 60601-1-2
Duty Cycle	.	.	.	.	.	.	20%

## OTHER IMPORTANT INFORMATION

Class II means this equipment is double insulated.

Type BF is the level of patient protection this equipment gives.

This is ordinary equipment intended for indoor use only.

Do not use this equipment near explosive gases, anaesthetics etc.

Clean this frame and pillow with warm soapy water and allow to dry before use.

Clean the control unit with a slightly damp cloth.

## INTERFERENCE

Interference should not occur between this and other equipment, such as televisions, radios and other electronic equipment. If you have any interference involving your Ultimate Caspian, try relocating the other equipment, also try to connect them on different mains circuits.

## RECYCLING

There are no toxic components inside your Ultimate Caspian, so it can be disposed of quite safely in the normal manner. Alternatively, it can be returned to Centromed for recycling. The life expectancy of this equipment is about five years.

# CONTACT INFORMATION



**Telephone**  
**(44) 01233 635353**



**Facsimile**  
**(44) 01233 635351**



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