XXL REHAB® SHOWER COMMODE TILT

aka Model SCT715
distributed by ConvaQuip Ind., Inc.

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Instructions for using XXL-Rehab Shower Commode Tilt

⚠ CAUTION ⚠ CAUTION ⚠

– This product should not be used without proper instruction from a healthcare professional.
– Using the product for individuals weighing more than the maximum weight-bearing capacity may pose a risk for damaging the product.
– XXL-Rehab assumes no responsibility for any damage or injury caused by improper installation, assembly or use of this product.
– If components are damaged or missing, contact XXL-Rehab immediately. Do NOT use substitute parts.
– XXL-Rehab cannot be held liable for faults or accidents occurring after repairs by service staff without written authorisation from XXL-Rehab.

⚠ Please read these instructions carefully to ensure the correct use of the XXL-Rehab Shower Commode Tilt. Particular attention should be paid to warnings marked ⚠.
In addition, the shower commode may only be operated by trained personnel or people who have been instructed in its use as there will otherwise be a danger of users being injured.

USE

XXL-Rehab Shower Commode Tilt was designed to help people weighing up to 325 kg to be moved to and from a bathroom, to shower and to use the toilet.

⚠ There may be a risk of tipping or damaging the shower commode if it is used in connection with people weighing more than 325 kg.

⚠ XXL-Rehab Shower Commode Tilt must only be used on a flat, firm surface with a maximum gradient of 3˚ to avoid the risk of tipping.

BEFORE USE

The armrests must be correctly inserted into the holes in the sides of the shower commode.

The width between the footrests can be adjusted stepwise. The locking bolts beneath the footplates must always be correctly inserted into the holes in the footrests. The locking bolts for the footrests must **not** be tightened outside the holes.
The PUR seat must be correctly mounted on the shower commode seat frame.

⚠ The shower commode must not be used before the armrests have been correctly mounted to avoid the danger of the user falling out to the side.

IN USE

⚠ The footplates must not be stood on or used as a step when moving the user or there will be a serious risk of tipping.

⚠ Risk of injury
- There may be a risk of fingers or limbs being caught between the armrest and the side of the shower commode if the user is sitting in it when the armrests are moved into position.
- There is a risk of feet being caught between the footplates if the locking bolts are not correctly inserted into the holes in the footrests.
- There is a risk of fingers or limbs being caught between the shower commode seat frame and the toilet bowl or the bedpan. Special care should therefore be taken when moving the shower commode in above the toilet or when placing a bedpan beneath the seat.
- There is a risk of the caregiver's hand being caught between the handle and the seat frame when the seat is in its highest position.

⚠ Both wheels with brakes must be locked when moving a user to and from the shower commode and when a user is sitting in it, except when it is being used as a means of transport.

⚠ The shower commode seat must be in its lowest position when transporting a user.
There will be a serious risk of tipping if a user is transported with the seat at a higher level.

⚠ The shower commode was not designed to run over obstacles such as doorsteps, etc. The shower commode may only be used on a flat, firm surface to avoid the risk of tipping.

⚠ If the user is unable to move to the shower commode unaided, caregivers must make sure they use correct lifting and moving techniques when helping the user into it. This applies irrespective of whether they use a hoist, a roll board or other support when moving the user.

MAINTENANCE AND CLEANING

White frame components, the seat and armrests can be cleaned with water and an ordinary detergent.
To make cleaning easier, the PUR foam seat can be removed and replaced without the use of tools.

Bolts and lock nuts must be inspected regularly and tightened if necessary.

⚠ Failure to inspect bolts can lead to malfunctions.

WARRANTY

The XXL-Rehab Shower Commode Tilt is covered by one year warranty from the invoice date for materials and workmanship.
Products which have been used for purposes other than the intended use; or which have been subject to negligence, abuse, improper storage or handling, improper operation, unauthorized modifications or damages beyond normal wear and tear as determined by XXL-Rehab, are not covered by this warranty.

If weight capacity is exceeded, the warranty will be void. Any unauthorized repairs to product / part, as well as tampering with any components, will void the warranty.

NB!

Only original spare parts from XXL-Rehab ApS may be used in connection with repairs.
XXL-Rehab ApS cannot accept responsibility for defects or accidents that arise when repairs are carried out by personnel who have not been approved by XXL-Rehab ApS in writing.

XXL-Rehab Shower Commode Tilt has been manufactured and tested in accordance with international standard DS/EN 12182:2000.

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Maximum weight-bearing capacity	325 kg
Total length (lowest position)	140 cm
Total width	74 cm
Seat width	66 cm
Seat depth adjustable	42 / 48 / 54 cm
Seat height	51-69 cm
Backrest	24-53 cm
Width of footrest	58-110 cm
Height of footrests	40-48 cm
Electric tilt	0-32°
Width between standard armrests	61 cm
Width between butterfly armrests	76 cm
Width toilet opening	diameter 24 cm, 35 cm long
Distance from floor to seat underside	44.5 cm
Pushbar from floor	100 cm
Seat to footrest	39-42-45-48 cm
Height seat to armrest	22 cm
Weight	39 kg
Folding armrests	No
Swing-away armrests	Yes
Swing-away footrests	Yes
Removable footrests	Yes
Height adjustable footrests	Yes
Headrest	Yes
4 wheels with individual locks	Yes
Control	via the control panel
Capacity up/down fully charged battery	Approx. 20 times
Turning radius	158 cm
Frame	Powder lacquered chromium molybdenum steel
Wheels diameter	150 mm
Seat / back / armrests	Polyurethane
IP - klassification	IP44
ISO – klassification	ISO 09 12 03 – 23

Calibration:
Hold both buttons
for about 20 seconds.

Instructions for battery and actuators

PREPARATION

Before the system may be used, the battery must be charged using the accompanying charger. It takes 5-8 hours to fully charge a battery.

Battery mounted in charger

The yellow LED lights up when the charger is connected to power. Place the battery in the charger by sliding it in and rotating it until it is pulled into place by the magnets. The green LED will flash at approx. 1 second intervals while the battery is being charged. Once charging is complete the green LED remains permanently lit. Remove the battery by rotating it 90 degrees. It will then be ejected and be ready for use.

Once the battery is fully charged, insert it into the controller. Follow the same procedure as for the charger. If everything is OK, the controller will simply sound a beep (3 seconds) once the battery is in place. If the system has any faults, the beep will be followed by 2 or 5 buzzer tones:

- **2 long buzzer tones:** The controller requires 0-point calibration. See section about 0-point calibration below.
- **5 short buzzer tones:** The battery must be charged. See above. It is not possible to operate the actuators.

The two fault notifications maybe sounded successively if both faults are present.

Battery, controller and remote control

Battery mounted in the controller – ready for use

When the battery requires recharging, transfer it to the charger as described above. It is recommended that you keep an extra battery on hand to avoid disruption to operation.

Always wait at least 2 seconds after the last actuator has stopped moving before removing the battery. Otherwise the controller may not have time to store the position and it may be necessary to perform 0-point calibration as described in section about 0-point calibration.

NORMAL OPERATION

During normal operation the actuator is driven in an out using the appropriate buttons on the remote control. Situations may arise which require a particular action. These situations are described below.

Low battery level
If the battery level goes below a warning level while operating the actuators, **3 short buzzer tones** are sounded. This means that the battery requires recharging, and the actuators can therefore only be driven in one direction (normally in).

Flat battery
If the battery level goes below a minimum level while operating the actuators, 1 short buzzer tone is sounded. The actuators will stop immediately and the controller will shut down. The battery must be charged. You must wait at least 1 minute before inserting a new battery into the controller.
If you are using actuators with position feedback (hall effect), you will need to perform 0-point calibration. See section about 0-point calibration below.

Extreme battery load
The battery may become too hot if it is subject to extreme load due to repeated operations in rapid succession, thereby activating the battery's safety thermostat. The controller will shut down and the battery must be allowed to cool for at least half an hour before being used again. You must wait at least 1 minute before inserting a different battery into the controller. If you are using actuators with position feedback (hall effect), you will need to perform 0-point calibration. See section about 0-point calibration below.

NB: An alarm only sounds during operation of the actuators. No alarm will sound while the system is inactive, even if the battery is close to requiring recharging. It is therefore recommended that you always keep a charged battery on hand when using the system.

0-point calibration
If you use actuators with position feedback (hall effect), you will need to perform 0-point calibration on the controller so that the innermost position of the actuators can be recorded. This must be done for all actuators which use position feedback. The controller will sound **2 long buzzer tones** following the beep when the battery is inserted if 0-point calibration is required.

It is also possible to initiate **manual 0-point calibration by holding in both buttons for the relevant actuator(s) for 12 seconds.** The controller sounds a beep followed by **2 long buzzer tones** and 0-point calibration can be performed by pressing the "in" button and holding it so that the given actuator(s) is/are driven in. Hold down the button until the actuators have been driven fully in. The controller has now been 0-point calibrated and the system may be used normally. The actuators can only be driven in during 0-point calibration.

TIPS

It is recommended that you follow the tips below to achieve the best results and avoid problems in daily operation.

General:

- Always wait at least 2 seconds after the last actuator has stopped before removing the battery from the controller. Otherwise controllers using position feedback may not have time to store the position, and the controller will have to be 0-point calibrated again.
- If the battery's safety thermostat is activated due to overload, the battery must be allowed to cool for at least half an hour before being used again. A new battery may be inserted into the controller after 1 minute.
- If two or more actuators which operate in parallel become misaligned, the controller will automatically shut them down. It will then be necessary to perform 0-point calibration again as described in section about 0-point calibration.

Batteries:

- Always use batteries which are in good condition and fully charged when inserted into the controller.
- You can extend the lifetime of the battery by occasionally recharging it even though it is not fully discharged.
- If the battery level drops below the critical level and the system shuts down, you must wait at least 1 minute before inserting a different battery and using the system again.
- If the system is not to be used for an extended period (several days or weeks), the battery should be removed from the controller to avoid deep discharge, which can cause lasting damage to it.

Handling:

- Avoid getting metal shavings or other magnetic objects on the battery poles or in the controller.

TROUBLESHOOTING

If problems or irregularities arise you should go through the points below (in consultation with a technician where appropriate).

- Check that all connectors are correctly attached to the controller.
- Check that the controller sounds a beep when the battery is inserted.
- If the actuators cannot be operated, perform a 0-point calibration as explained above.

The following table lists the alarms which can be sounded by the controller, what causes them and the action required in each situation.
Note the waiting times in the right column, as it is important that these are observed.

Alarm	Voltage level	Description	Buzzer tones	Operation	Wait before inserting battery
AL1	23V	Insert battery	5 x short	Not possible	> 30 seconds
AL2	23V	Limit to permitted operation	None	Not possible	> 30 seconds
AL3	17,6V	Min. level during operation	3 x short	Stops, can only drive in	> 30 seconds
AL4	17,6V	Insert battery	5 x short + 3 x short	Not possible	> 30 seconds
AL5	15V	Shutdown	1 x short	Stops and shuts down	> 1 minute

If none of the above resolve the problem, please contact the supplier

MANUFACTURER

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