

PRISM MEDICAL UK

Transactive Xtra



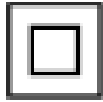
User Manual

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Symbols in use Index



Warning – Consult instructions for use



Class II Equipment - electrical equipment in which protection against electric shock does not rely on basic insulation only.



Manufacturer



Please observe local laws on recycling



Refer to user manual



Date of manufacture



Serial number



CAUTION: DO NOT ATTEMPT TO USE THIS EQUIPMENT WITHOUT FIRST UNDERSTANDING THE CONTENTS OF THIS MANUAL.

1. Introduction

The hoist can easily be operated by one person.

Before using this equipment, and to ensure the safe operation of your Transactive Xtra Hoist, carefully read this entire manual, especially the section on “Cautions”.

The Transactive Xtra hoist is designed to be used in conjunction with Prism Medical UK hoist track, accessories and slings.. Please refer to any user guides supplied with these components and reference them while reviewing this manual.

Should any questions arise from reviewing this manual contact your local authorised Prism Medical UK dealer.

Failure to comply with warnings in this manual may result in injury to the operator, or the individual being lifted/transferred.

Damage to the hoist and/or related components may occur. Be sure that the contents of this manual are completely understood prior to using this piece of equipment.

Store this manual with the documents included with the hoist system and sling(s).

Contents of this manual are subject to change without prior written notice.

2. Contraindications

There are no known “contraindications” associated with the usage of the Transactive Xtra hoist and its accessories, provided they are used a per manufacturer’s recommendations and guidelines.

However, it is recommended that a client specific assessment is completed by a trained and knowledgeable health care professional to determine the method of transfer.

Prism Medical UK does not recommend a required number of caregivers for the use of our products. This information and recommendation can only be provided after a thorough personalized, case specific assessment, as there are many factors that can influence these decisions.

It is however, “obligatory” that a client that is assessed as being an independent user of our ceiling hoist technology have the ability to receive assistance, during the transfer, in the event of a hoist malfunction or personal concern.

This assistance can be provided in the form of; a nearby qualified caregiver, a phone, a communication device etc.

3. Intended Use - Overview of the Transactive Xtra Ceiling Track Hoist

The Transactive Xtra is a fixed ceiling hoist, that is, it always remains on the hoist track system. It has the ability to raise an individual up from one location such as a bed, move the individual along the track to another location and finally lower the individual into a chair or a bath.

It is moved along the track in one of two ways.

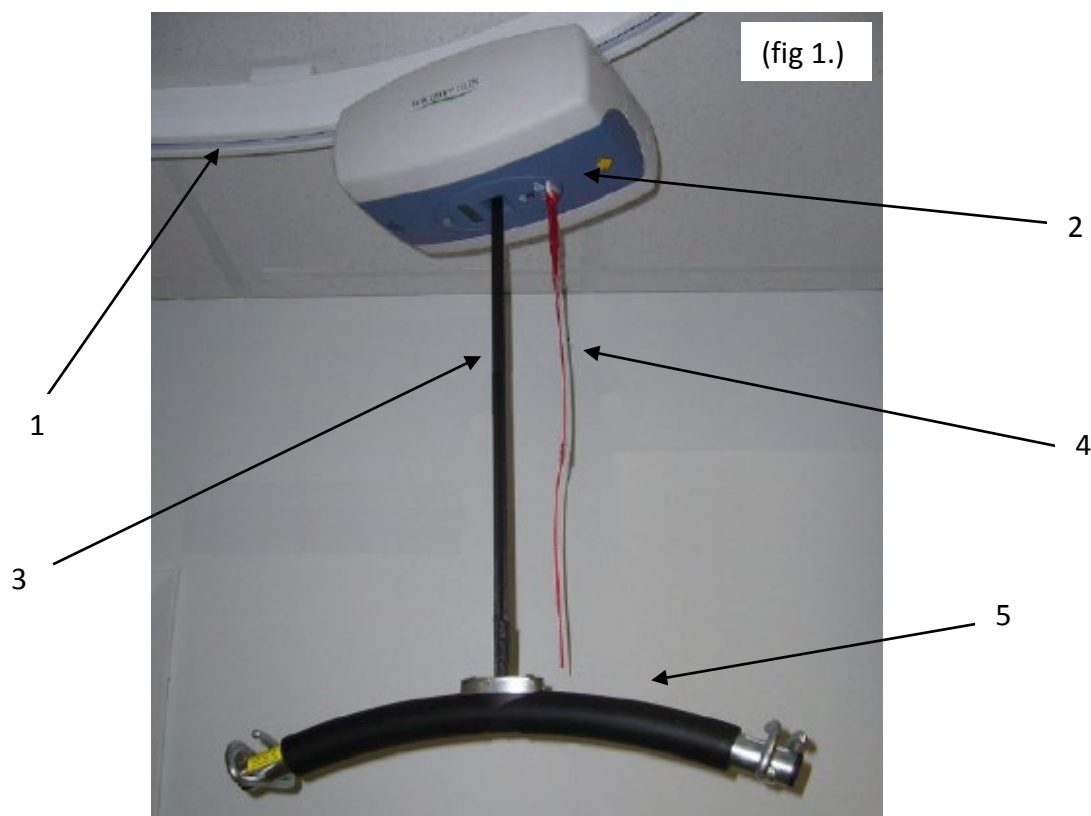
The first is by manually moving the hoist along the track and the second is by having the hoist with a powered traverse.

The operating functions of the hoist, ie up/down, or moving to the left/right, are accomplished by pressing the buttons on the hand control.

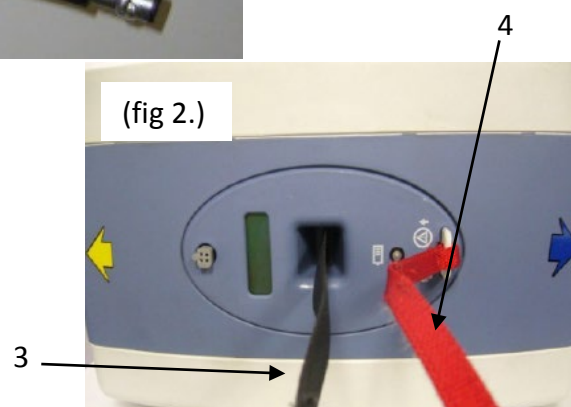
The hand control is attached to the hoist by way of a rubber airline tube.

The design of the hoist makes the control functions easy to operate.

Please see (fig 1.) to familiarise yourself with the components of the Transactive Xtra hoist. (fig 2.) shows the underside of the hoist.



1. Fixed track system
2. Transactive Xtra hoist
3. Lifting tape
4. Emergency stop / lowering cord
5. Carrybar



4. Component list

The following components are included with your new Transactive Xtra hoist system:

- Transactive Xtra hoist (manual or motorised traverse option)
 - Carry bar
 - Pneumatic hand control & hook
 - In track hoist charging assembly
 - Track blocks
 - Owner's manual
- Slings: If a sling has been supplied with the hoist, refer to the instructions included with the sling
 - Accessories: If additional accessories such as a turntable or transition gate system have been supplied with the hoist, refer to the instructions included with those items.



Before initial use, the hoist unit must be charged for 4 hours. Refer to section titled “charging the hoist”. The hand control airline tube must also be connected to the hoist. If it is not connected, refer to the section titled “attaching the airline tube to the hoist”

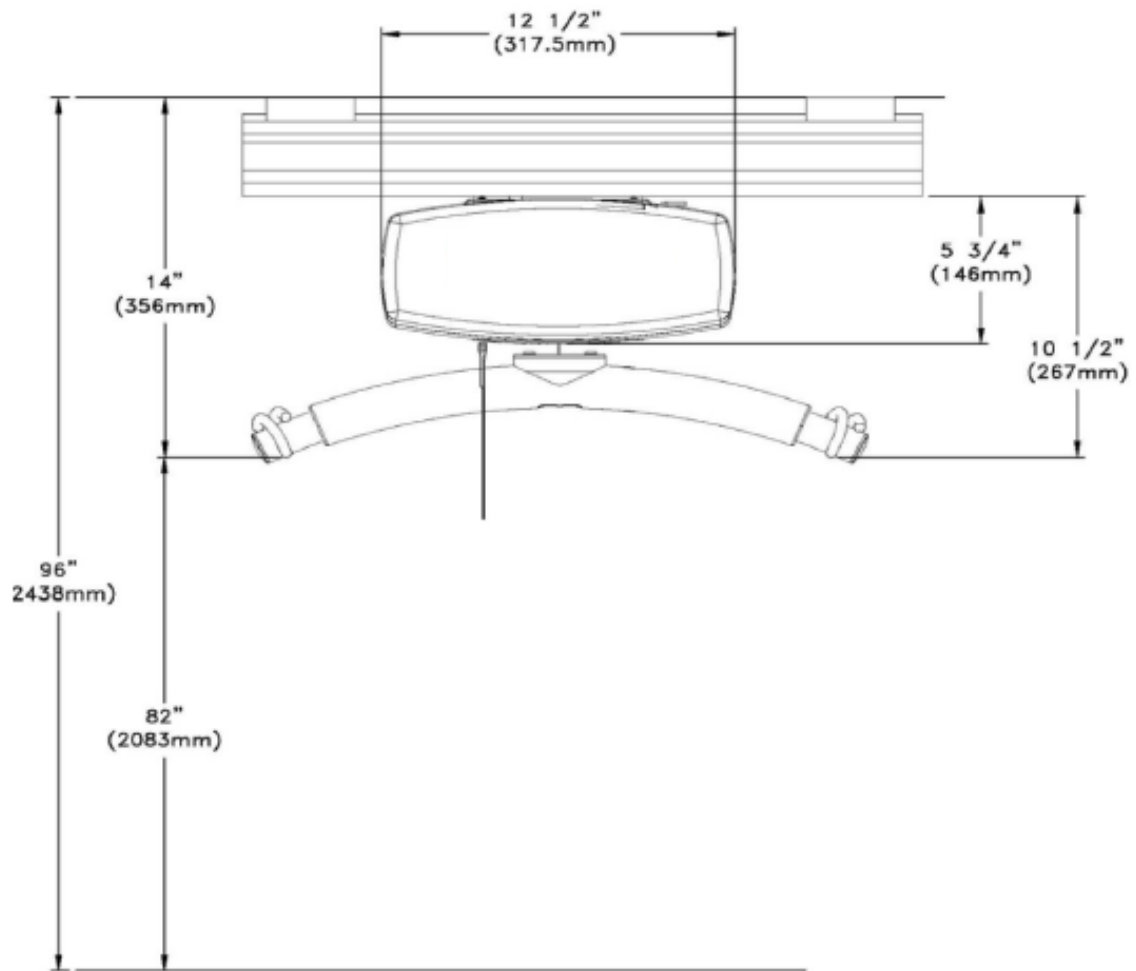
Carry Bars

Although Prism Medical supplies carry bars specifically to be used with the associated devices it manufactures, there is no reason that other manufactured carry bar systems cannot be used **BUT** they must be done so after a full risk analysis has been carried out for its use on the Prism hoist system to ensure safe use can be established.

Carry Bar connection points

The carry bars manufactured by Prism Medical associated for use with this device, incorporates two fixing points which is not new technology and the fixing can be derived by user by means of a simple connection made by the sling to the carry bar itself. This connection system is used throughout the industry in various designs but all act as the means to hold the sling and user in place through operation of the device whilst in use.

5. Hoist Dimensions and Lifting range



The diagram above shows the relevant lifting ranges and dimensional sizes of the hoist

6. Safety precautions



The TRANSACTIVE XTRA must be installed prior to use. Contact your local authorised dealer to ensure that it is properly installed. The TRANSACTIVE XTRA must be installed only by persons authorised by Freeway Healthcare.

- Under no circumstance should the TRANSACTIVE XTRA track, hoist and sling (s) or entire system be put in control of a person who has not been properly trained in the use and care of this equipment. Failure to adhere to this warning may result in serious injury to the operator, and / or the individual being hoisted/ transferred.
- The TRANSACTIVE XTRA hoist, and associated track and sling (s) are not toys. Do not use it for unsafe practices. Do not allow children to play with the hoist or any of its components.
- Your guarantee is void if persons unauthorised by Freeway perform work on the hoist.
- There are no user serviceable parts inside the cover. Do not remove cover screws, or open the hoist unit, as this will VOID THE WARRANTY.
- In facilities where more than one operator will be responsible for using the TRANSACTIVE XTRA hoist and associated track and sling (s) it is imperative that all such members be trained in its proper use. A training program should be established by the facility to acquaint new operators with this equipment.
- Never expose the TRANSACTIVE XTRA hoist directly to water. Your guarantee does not cover any misuse or abuse of the hoist system.
- To maintain optimum function, the TRANSACTIVE XTRA should be inspected and maintained on a regular basis. See the section titled General Inspection and Maintenance.
- Any accessories used with the TRANSACTIVE XTRA including track and sling (s), should be checked to ensure that they are in good working order. Check for signs of wear or fraying prior to use. Report any unusual wear, or damage immediately to your local authorised Freeway dealer.
- The TRANSACTIVE XTRA hoist and associated hoist, track and sling (s) are intended only for hoisting and transferring of a person. Freeway will not be responsible for any damage caused by the misuse, neglect or purposeful destruction of the hoist, and/or it's associated components.
- Do not in any circumstance exceed the maximum allowable load of this hoist. Refer to the Specifications section of this manual, and /or the labels on the side of the hoist.

Safety precautions (continued...)

- The installation of the hoist, track, accessories, and sling are certified to a maximum load. Do not exceed the maximum rated load of any of the components,
- There is a risk of explosion if the hoist is used in the presence of flammable anaesthetic's.
- Ensure that a clear space is maintained around the hoist and track. Move all curtain material and other obstacles out of the way before performing a transfer.
- Your hoist is for patient lifting. Do not use it, or allow it to be used, for any other purpose.
- In areas where children are prone to be present, when the hoist system is not in use and to reduce the risk of unintended use, please remove the sling from the hoist system to prevent any issues of entrapment or strangulation should the device be “played with”



Lift tape caution



The image opposite indicates a badly worn lift tape due to a culmination of events that the hoist has operated under.

Whilst a tape in this condition provides no immediate danger, the use of the device should be suspended at this point, or prior to this point should the user become aware of the tape degrading, through due diligence by the operator until a service agent can replace the damaged tape.

This is severe wear. Any damage leading up to this point should prompt the operator of the device to cease use and seek a replacement.

7. Attaching the airline tube to the hoist



A sturdy ladder may be required in order to access the underside of the hoist to re-attach the rubber airline of the hoist. Caution should be used when this is required.

Should the grey rubber airline that connects the hoist to the hand control become disengaged from the underside of the hoist it must be re-connected in order for the hoist to work properly.

The rubber airline may become disconnected for the following reasons:

- a. The hoist is pulled along the track by the airline.
- b. The tubing accidentally gets wrapped around an object while a hoist or transfer is being performed.
- c. It is accidentally pulled out by the carer or the individual being hoisted.

The airline is connected to a grey rubber grommet located on the underside of the hoist. See (fig 3a.)

Small metal ribbed pins located at the end of the airline hold the airline to this rubber grommet in a specific manner. Therefore, it is important to make sure that the airline is connected properly.

Both the grey airline and the rubber grommet have a grey rib on one of their sides. Line up the grey ribs together. See (fig 3b).

When this is done then the metal ribbed pins attached to the end of the airline can be inserted into the corresponding holes in the rubber grommet on the underside of the hoist. Be sure to insert the pins into the grey rubber grommet sufficiently so that it is secure. See (fig 3c.)

Perform a brief test to ensure proper connectivity. Turn the hoist ON and OFF. Raise and lower the carry bar.

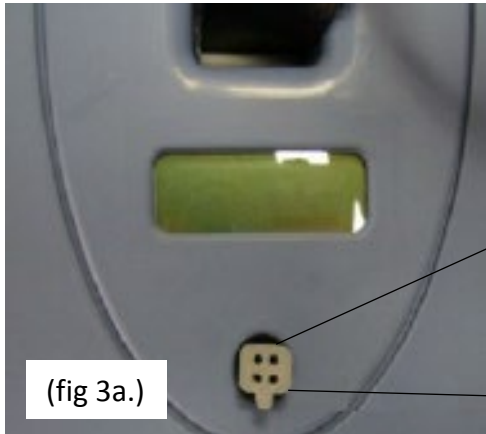
For motorised traverse hoists move the hoist left and then right. If these functions work correctly, then the airline is properly connected.

If the hoist does not work properly, check to ensure that the grey ribs on the grey rubber grommet on the underside of the hoist and the airline tubing are lined up properly.

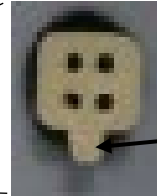
If they are not lined up properly, then remove the airline, line up the grey lines and then re-insert it into the rubber grommet.

Perform the test as noted in the preceding paragraph. If there are still problems with the hoist, then contact your local authorised dealer for service.

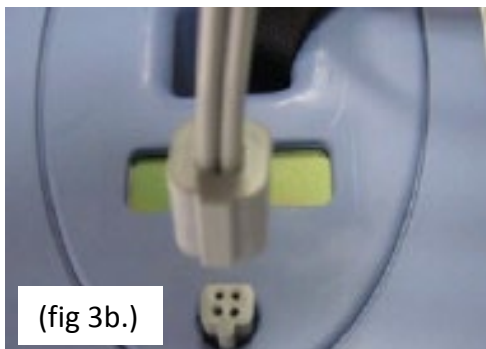
Attaching the airline tube to the hoist (continued...)



Grey rubber grommet located on underside of hoist. Rubber airline is not connected.



Note grey rib on grommet



Grey rubber airline being inserted into rubber grommet of hoist. The grey ribs on both pieces are lined up. The metal ribbed pins are on the airline tube being inserted into the hoist socket.



Grey rubber airline being inserted into rubber grommet of hoist. The grey ribs on both pieces are lined up. The metal ribbed pins are on the airline.

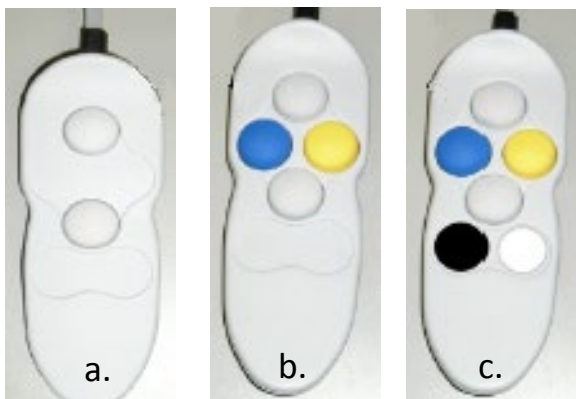
Image shows the line installed fully into the hoist socket

8. Operation



Always, before using the TRANSACTIVE XTRA hoist system, the hoist, track and sling must be visually checked for any unusual wear, or damage. Refer to the user manual with each piece of supplied equipment to determine what should be checked. Should anything look unusual, contact your local Freeway dealer prior to use. Failure to comply with this caution could result in serious injury to the operator, the individual being hoisted and/ or damage to the hoist.

8.1 Start-up - Turning the hoist On / Off



The images opposite show the 3 options of the hand controllers – to turn the device on, regardless of the controller, just press any button.

Shown in the image above are the 3 controllers that can be associated to the device to use the hoist in the chosen installed optional modes.

- a. Manual traverse hand control
- b. Power traverse hand control
- c. Motorised traverse H system hand control

To operate the hoist, it must first be turned ON with the use of the hand control. This can be done by pressing any button on the hand control. The indicator light located on the underside of the hoist will turn GREEN and the display screen will turn on. See (fig 4a.) on the following page.

If the hoist fails to turn ON at any time, ensure that the EMERGENCY STOP / LOWERING CORD has not been pulled and that the plastic clip at the end of the red cord has not come out, see page 23 for details.

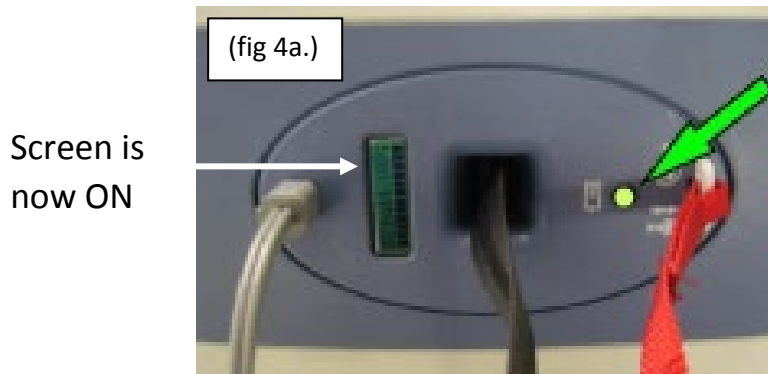
Operation

Turning the hoist on/off (continued...)

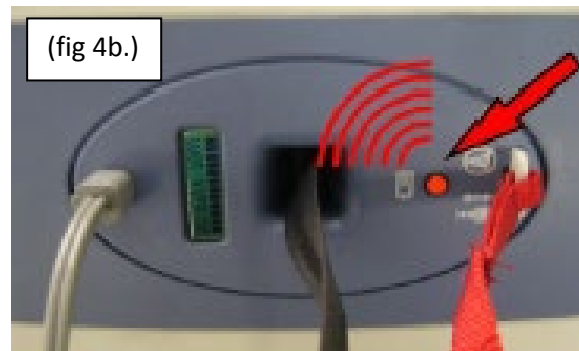
To conserve battery power, the hoist will automatically shut off after approximately 2 minutes of non-use.

If the batteries of the hoist are low and require charging, the indicator light located on the underside of the hoist will turn ORANGE, and a slow beeping audible alarm will sound. The display will also indicate low battery.

If the batteries of the hoist are completely discharged and require charging, the indicator light located on the underside of the hoist will turn RED, and a fast beeping audible alarm will sound. See (fig 4b.) The hoist will not raise or lower and the display will indicate 0% battery.



Screen is ON and indicated by the green arrow is the notification that the hoist has been turned on.



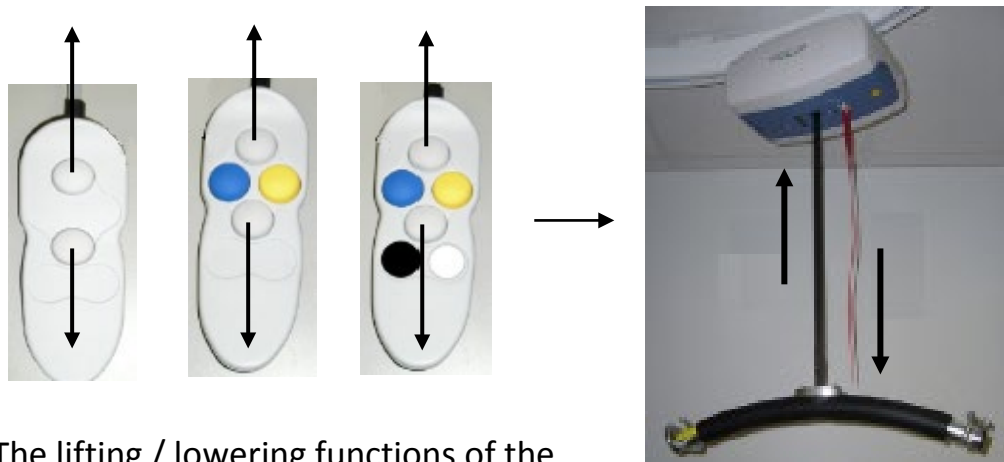
Low battery is indicated by the RED LED and an indicated warning to request that the hoist be re-charged.

8.2 Raising and lowering the carry bar

By pressing the UP or the DOWN arrow button, the carry bar can be lowered/ raised to the correct height for attaching the sling or positioning an individual. See (fig 5a.) & (fig 5b.)

It is recommended that the carer (operator) hold the carry bar with one hand while this is being done so that it will not accidentally sway and/ or come into contact with an individual or close object.

These buttons work the same on each model of the hoist.



The lifting / lowering functions of the hand control buttons in relation to the travel of the hoist – as shown in the above images.

8.3 Moving the hoist along the track

The hoist is normally parked at the charging station end of the track when not in use. It can be moved along the track to a position directly above the person to be hoisted in one of two ways:

If you have a manual traversing hoist lower the carry bar to a comfortable height so that it can be easily grabbed by your hand. Move the hoist along the track gently pushing the carry bar, or individual in the sling.



NEVER pull the hoist along the track using the handset airline

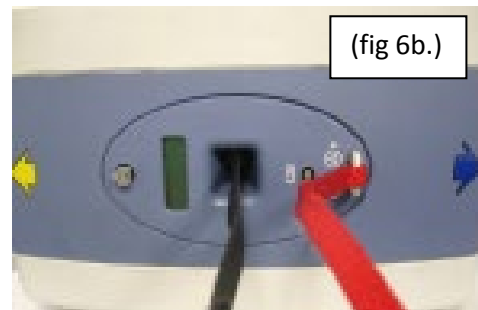
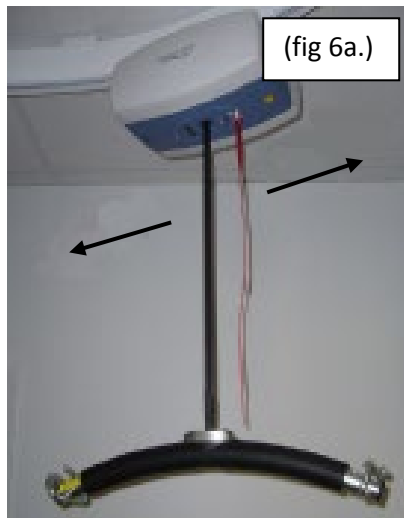
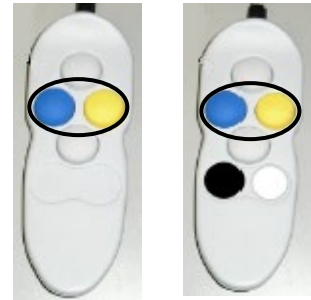
Operation

Moving the hoist along the track (continued...)

If you have a motorised traversing hoist, use the blue or yellow coloured directional hand control buttons to move the hoist.

The blue and yellow buttons correspond to the blue and yellow directional arrows on the underside of the hoist.

The direction therefore that is taken is determined by the colour of the button that is pressed. This works the same no matter what side of the hoist a person is standing on. See (fig 6a.) & (fig 6b.)



The motorised hoist shown in (fig 6a.) indicated the direction of travel. The directional arrows are shown on the underside of the hoist, shown in (fig 6b.) above.



Always use extreme care when moving the hoist along the track. Watch out for and avoid any obstructions that may cause injury to the individual in the sling and/ or damage to the hoist

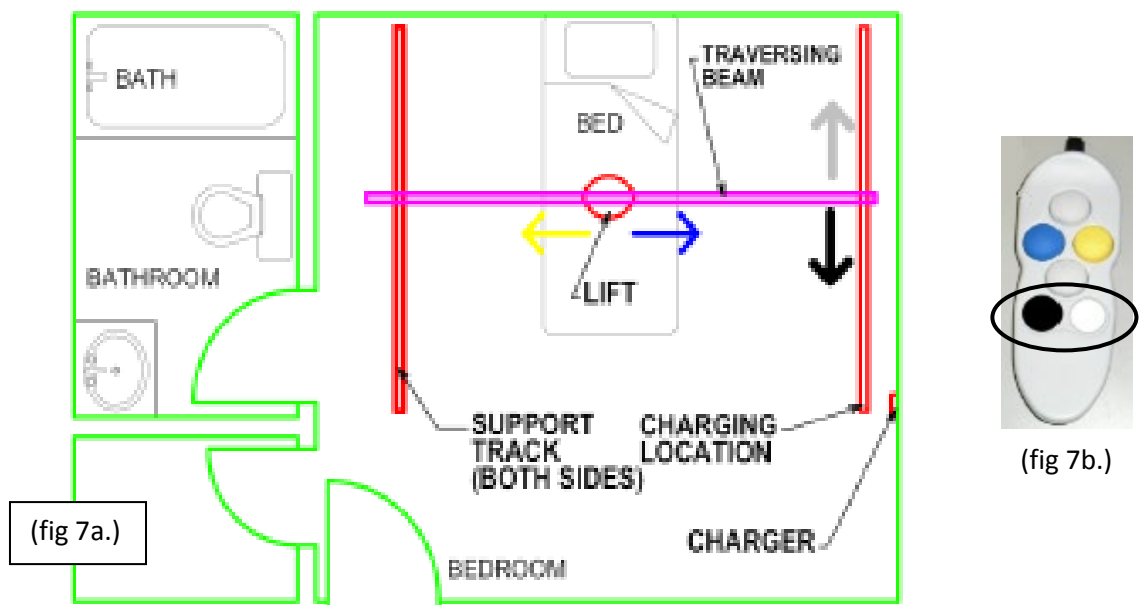
8.4 Moving the H-System traversing beam

If the installed track is an H - System, then this section should be reviewed as it describes how to move the traversing beam.

If the installed track is not an H - System, then this section can be skipped.

The H - System involves the installation of two parallel support tracks and one traversing beam that is mounted perpendicular to the two support tracks. Refer to (fig 7a.) The benefit of this type of system is that it provides greater movement and positioning ability for an individual since the floor space coverage area is much higher than for a single piece of track.

Besides the previously described UP/ DOWN movement of the carry bar, and LEFT/ RIGHT movement of the hoist, the H- System adds the ability to move the traversing beam anywhere along the length of the two parallel support tracks. See (fig 7a.)



(fig 7a.) Sample of H - System room covering layout.

Note that the hoist can be moved along the traversing beam, and that the traversing beam itself can be moved along the two parallel support tracks. The actual direction of travel when the hand control buttons are pressed may be different than shown, since the track and hoist orientation may be different than installed.

The power traverse H - System hand control, shown above, showing traversing beam movement buttons. Button colours correspond to the black and white directional arrows located on the underside of the hoist.

This can be accomplished in one of two ways.

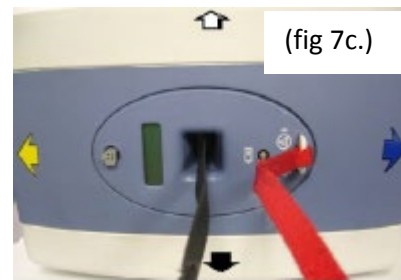
If the installed H - traversing beam is manually traversing then the beam is moved along the support tracks by manually moving the beam, hoist, and individual in one motion.

This movement is the same as that used for a manual traversing hoist, as previously described.

If the installed H - System traversing beam is a motorised traversing, then the beam is moved along the support tracks by pressing either the black or white hand control button.

See (fig 7b.) on the previous page.

This will move the beam in the direction of travel as noted by the black and white arrows located on the underside of the hoist. See (fig 7c.)



Directional arrows on underside of power traverse H - System hoist. Black and white arrows show traversing beam direction of travel when the corresponding coloured button is pressed on the hand control.



Always use extreme care when moving the traversing beam. Watch out for and avoid any obstructions that may cause injury to the individual in the sling, or damage to the hoist / track.

8.5 Return to charge

If your motorised, traversing hoist has a return-to-charge feature (RTC), pressing & holding the blue and yellow coloured directional hand control buttons simultaneously for 3-5 seconds (to produce beeping noise) will automatically retract the hoist's carry bar and drive the lift along its track until it docks at the charger.

Note that the RTC feature has several characteristics that may be altered to the user's preference. This will be set during installation.



8.6 Hand control hook

Your hoist has come with an optional Hand Control Hook. This Hand Control Hook can be installed onto the Hand Control using the self-tapping screws provided with the plastic hook. On the back of the Hand Control there will be 2 small pilot holes where the self-tapping screws should be screwed into.

The two images opposite show the hook installed onto the rear face of the hand controller while the second image gives a suggested use to locate the hand controller when not in use.



9. Charging the hoist

The charger for the hoist is mounted in the end of the track. The charger would have been installed at the same time as the track and hoist were installed.

The batteries should be charged on a regular basis. It is recommended that the hoist be left on charge when not in operation, and at the end of each day. This will maximise the life cycle of the batteries.

The hoist may remain connected to the charger indefinitely since the hoist has a built-in regulator, eliminating the danger of overcharging.

To charge the hoist it is a simple matter of moving the hoist to the end of the track where the charger is located. Refer to previously outlined sections on how to move the hoist along the track. As a general rule it is recommended that the carry bar be raised to a height so that it will not interfere / hit anything or anyone.



For manually traversing hoists use caution when parking the hoist into the charger. A slow speed should be used when close to the end of the track where the charger is located.

The light will turn ORANGE on the hoist control panel and a slow beeping audible alarm will sound if the batteries are low and require charging. The display screen will also indicate low battery. Complete the transfer that is in progress and then move hoist to the end of the track where the charger is located.

Following the ORANGE indicator, the light will turn RED on the hoist control panel and a fast beeping audible alarm will sound indicating the batteries are fully discharged and require charging. The display screen will also indicate low battery. When the battery is discharged the UP function will be disabled. The DOWN and EMERGENCY DOWN function along with H - TRAVERSING will continue to operate

When the hoist is connected to the charger and turned ON, the indicator light on the hoist will FLASH ORANGE. Once the hoist is turned OFF the indicator light will change to a solid ORANGE. This indicates that the hoist is on charge. After one hour, the hoist may be used, however, overnight charging is recommended. The EMERGENCY DOWN function along with H - TRAVERSING will continue to operate.



(fig 8a.) Underside of hoist showing RED discharged battery indicator light ON. A fast beeping will be sounded. When the hoist is connected to the charger this light will be ORANGE indicating that the batteries are charging.



Use only the charger that was supplied with the hoist. Use of any other charger will void all warranties and may cause damage to the hoist

10. LCD display functionality

Default Display Modes:

The hoist unit can be set to either of the following as the 'Default' display mode:

- a. Battery Level (the factory setting for the Default Display Mode) or,
- b. Number of Operations

To change from one operating mode to another please call your local service technician.

In A, Battery Level Mode, the hoist will:

1. Display the word 'Battery' with the percentage charged (in 10% increments) in the top row of the display (e.g. 'Battery Level 60%')
2. Display a 'Bar Graph' of the battery level in the second row of the display by displaying the appropriate number of fully blackened rectangles as in the following diagram:



Note: As the hoist is initially switched on, the level of battery charge displayed may be incorrect. However, as soon as the hoist is actually operated, the charge level will update to the correct level.

In B. Number of Lifts Mode, the hoist will:

1. Display the word 'Lifts' with the number of lifts completed in the top row of the display (e.g. Hoists 500.) and a bar graph to indicate the battery level as in Battery Level Mode:



In any Default display mode. if the battery levels fall below 25%, the hoist will go into Low Battery Mode. The hoist will then:

2. Make an audible beeping sound every ten (10) seconds.
3. Flash 'Low Battery' in the first line.
4. The bars indicating charge level will flash on and off.

In any 'Default' display mode., if the unit is in the charger the hoist will go into Charging Display Mode regardless of what the user has selected as 'Default Display Mode'. Charging Display Mode will over-ride Low Battery Mode.

The hoist will then:

5. Display a flashing 'Charging' with the percentage charged (in 10% increments) in the top row of the display (e.g. 'Charging 60%')
6. Show the appropriate number of fully blackened out cells, with the remaining cells in the bottom row flashing.

10.1 Preventative maintenance

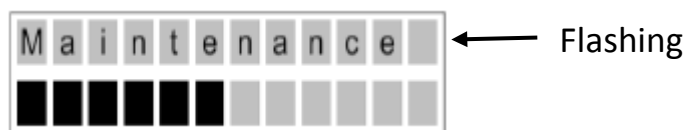


Preventative maintenance should be completed every six (6) months. The hoist should recommend preventative maintenance if it hasn't had any preventative maintenance for:

- a. 1.1,000 hoists (four or five hoists a day 180 days); or,
- b. Five (5) hours.

When recommend preventative maintenance has been reached, the hoist will:

- a. Beep one (1) time every thirty (30) minutes
- b. Flash 'Maintenance' in the first line of the display (regardless of which default display mode the user has selected).



To reset the counter which notifies the hoist when to signal for preventative maintenance, please call your local service technician.

11. Emergency stopping

The hoist unit also has an Emergency Shut-off feature that allows the operator to shut the power to the hoist unit completely off. By pulling down once on the RED emergency lowering cord, located on the underside of the hoist unit, the hoist will immediately stop and all its functions will be disabled.

The unit will beep once and all power to the hoist will be turned off.

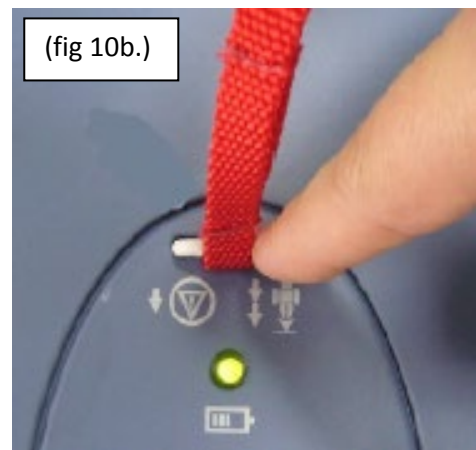
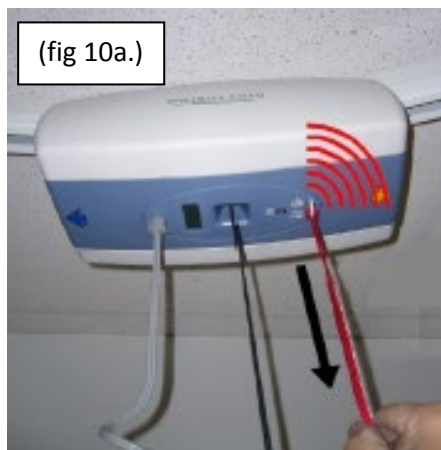
The ON Indicator light and display will turn off, and the Emergency Shut-off button located inside the hoist case will pop out.



Should this feature be used, contact your local authorised dealer immediately. The hoist unit must be inspected prior to restoring to use.

In order to restore power back to the hoist unit, the white plastic tab that popped out when the cord was pulled, can be easily pressed back into the hoist case by use of your finger.

Once the RED Emergency Stop / Lowering Cord is released the hoist unit will need to be reset in order to operate again. This can be achieved by pressing the plastic tab located at the end of the RED CORD, back into the hoist. Then, simply press any button on the hand control to resume power. Please see (fig 10b.)



(fig 10a.) above - Pull down on the RED CORD once to stop the hoist. The unit will beep once and all power to the hoist will be turned off.

(fig 10b.) above - Return power to the hoist unit by pressing in the plastic tab

12. Emergency lowering

12.1. Electrical lowering

In the event that the DOWN button on the hand control does not function, or in power failure situations, the person may be lowered by pulling down and holding the RED emergency lowering cord located on the underside of the hoist unit.

Continue to pull down until the person is safely lowered to the desired position. The unit will beep as you continue to pull down on the cord and will continue beeping until the cord is released after the desired lowering has been achieved. Please see (fig 11a.)



Pull down and hold the cord until the person is lowered to the desired position



IMPORTANT: The Emergency Lowering button does not provide a raising function. The failure of any of the lowering devices should be reported to Freeway or your authorised dealer immediately.

12.2 Manual emergency lowering

Remove the grey grommet and insert the winding device into the hoist unit, making sure the top pin is fully located and gently wind the device so it locates onto the drive motor. Once located use the chain to continue to operate the hoist.

After use remove the emergency lowering adaptor and insert the grommet back into the plastic cover.



13. Fault Finding

Should problems arise with the use of the hoist review the following chart. Find the fault and complete the recommended solution. If the fault is not found and/ or the solution does not correct the problem, contact your local Freeway authorized dealer for service immediately.

Fault	Recommended Solution
The airline tubing that connects the hand control to the hoist has become disengaged.	Refer to the section of this manual titled 'Attaching the airline tube to the hoist'. If this does not correct the problem, then contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation.
The hand control buttons do not operate according to their designations (e.g. the UP button initiates a traverse movement).	The airline tubing has not been connected correctly. Refer to the section of this manual titled 'Attaching the airline and hand control to the hoist'. If this does not correct the problem, then contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation.
The carry bar of the hoist does not operate up or down even when the airline has been properly connected.	The indicator light on the control panel located on the underside of the hoist should be GREEN. Press the ON button or UP/ DOWN arrow buttons or any coloured button on the hand control. This should activate the hoist and the indicator light turn GREEN. If the hoist still does not function, then the batteries may be low and require charging. Refer to the section of this manual titled 'Charging the Hoist'. Charge the hoist for at least one hour and then try to raise/ lower the carry bar. If the emergency lowering has been used, then the UP and DOWN functions will not operate. DO NOT use the hoist. Contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation.
The GREEN light on the underside of the hoist is ON and the hoist does not operate in the DOWN direction.	There is a built-in slack tape detector in the hoist. This may be sensitive. Apply weight to the carry bar while pressing the DOWN button. If this corrects the problem temporarily but not permanently then contact your local authorised dealer so that the hoist can be checked to ensure proper continued operation
The red indicator light on the underside hoist turns RED and/ or a loud alarm sound is heard when an individual is raised	The batteries are low and require charging. Refer to the section of this manual titled 'Charging the hoist' Charge the hoist for at least one hour and then try to raise / lower the carry bar. If this does not correct the problem then contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation
One side of the hoist tape (strap) is starting to fray after continued use.	Contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation.
The hoist does not pass through a track component such as a turntable or gate.	Refer to the 'Owner's Manual' for the specific piece of equipment in question. If the recommended solution does not correct the problem, then contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation.
No Power.	Ensure the Emergency Lowering tab has not come out. If it has, simply press the tab back into the hoist.

14. Specification of the Transactive Xtra hoist

- Hoist Motor: 24 VDC
- Traverse Motor: 24 VDC (Optional at time of Purchase)
- Frame Traverse Motor: 24 VDC (Optional at time of Purchase)
- Charger Input: 240V
- Charger Output: 30V 0.5 amps
- Batteries: 24 VDC (2 x 12 VDC) 5.0 AH, Sealed Lead Acid
- Hoist Case: Flame Retardant ABS
- Hand Control: Pneumatic
- Hoisting Range: Up to 2438mm
- Hoist Weight: 10 kgs
- Maximum Load: 130kgs, 160kgs, 200kgs or 270kgs.
- Duty Cycle: 10% use, 90% rest
- Rated Performance: 30-40 operations at 270kgs, 50-60 hoists at 200 kgs, 10% duty cycle, each operation being 600mm at the middle of the hoisting range (from 1350mm strap out to 750mm strap out) per full battery.



Please note: the hoist has a break in period; break-in of the hoist will need to be done before these numbers will be achieved. The breaking in period will vary from hoist to hoist and is dependent on the frequency of use and the types of load being applied, the higher the load and a greater frequency of use will break in the hoist faster.

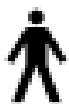
Maximum load of the installed hoist is determined by referring to the product label located on side of hoist.

Normal Operating Conditions:

Temperature: +10 to +70 °C
Relative Humidity: 30 to 75% RH
Atmospheric Pressure: 700 to 1060 hPa

Shipping/Storage Conditions:

Temperature: -40 to +70 °C
Relative Humidity: 10 to 100% RH
Atmospheric Pressure: 500 to 1060 hPa



Type B applied part

15. General Inspection and maintenance

a. Each Use - To be completed by User

Prior to each use the TRANSACTIVE XTRA hoist and associated track, accessories and sling (s), must be visually inspected. Refer to the accessory and sling user guides for specific details regarding their inspection.

Should any of these items fail the inspection do not use the hoist Contact your local authorised dealer for service.

Visually check for the following:

- The hoist hoisting tape shows NO signs of fraying or breaking along its entire length.
- The stitching on the hoist hoisting tape where it connects to the carry bar shows NO signs of fraying, or breaking.
- The sling (s) that will be used shows NO signs of unusual wear and tear. The straps of the sling that connect to the carry bar of the hoist show NO signs of fraying or breaking. Refer to specific sling instructions.
- The airline tube that connects the hand control to the hoist is not kinked, twisted, knotted, cut or damaged.
- All the functions on the hand control work correctly (e.g. UP/ DOWN/ LEFT/ RIGHT, etc.)
- The brackets that hold the track in place on the ceiling are secure and do not move or appear loose.
- There are no cuts, dents or sharp edges on the carry bar that may damage the straps of the sling.
- The hoist has no unusual sounds when the carry bar is moved UP/ DOWN or the hoist is moved LEFT/ RIGHT.
- Ensure that there are end stops installed at each end of the track.

b. Monthly - To be completed by User

Should any of these items fail the inspection do not use the hoist.

Contact your local authorised dealer for service.

Complete the visual inspection as noted in the 'Each Use' section above.

With no one in the sling nor attached to the hoist check the following:

- The hoist moves freely along the entire length of the track.

c. Bi-Annual or Yearly - To be completed by a hoist technician

This section to be only completed by a qualified service technician as authorised by Freeway.

- Complete the visual inspection as noted in the 'Monthly' section above.
- Complete the preventative maintenance procedure as outlined in technical manuals for the TRANSACTIVE XTRA system.

16. Recommended Cleaning Instruction

General cleaning

The exterior of the Hoist can be cleaned using a damp soapy cloth for general cleaning duties. **Please ensure the cloth is damp and not wet.** Ensure the exterior of the device is dry after cleaning, dry using a clean dry cloth.



Care should always be taken when cleaning around electrical components

Disinfecting (if necessary)

Should the Hoist require a more thorough clean, the use of the Actichlor disinfectant product, which is widely available in tablet form and used throughout the healthcare industry, is recommended for use to ensure a thorough clean.



- Please follow the manufacturers safety instruction for the use of the cleaning product before use to ensure safe use for the operator and the patient.
- Ensure the cloth is **damp** before the cleaning process. **DO NOT** use a wet cloth over electrical systems.
- Be careful not to let water ingress into the device as although the device is IP rated, it is not water tight.

Application is through a clean soaked (but damp) cloth applied to wipe the device down

Used in the following dilutions to ensure an effective clean:

- Actichlor dissolvable chlorine tablets provide a concentration of 1000 ppm of available chlorine (0.1%) per 1 tablet
- 1 tablet (1.7g formed tablet (x1)) will create a virucidal solution, diluted in 1 litre of water to provide effective means to clean a “Dirty” device. This is also ideal for use after an outbreak of the Norovirus / winter vomiting and can be used as a precaution against C.Diff. It is effective against viruses, bacteria, spores, yeasts and moulds.
- The contact time against the outer components of the device should be for 5 minutes to prevent any virucidal infections without a degradation to the functionality of the device. 5 minutes is a recommended contact time. The device can withstand a longer contact period but the 5 minute recommendation as a minimum must be followed to provide an effective cleaning regime.
- Blood spills should be dealt with by an increased concentration of the solution – please refer to the instructions on the manufacturers product labelling.

(recommended cleaning instruction...continued)

Concentration limits for differing cleans will be shown on the manufacturers Aichtochlor tablet container, however, this is reflected in the table below:

Dilution chart					
Product used as:	Device condition	Concentration (ppm)	Dilution qty *	Tablets per litre	Contact time
Bactericidal	Clean	200	5 litre	1	1 minute
	Dirty	1000	1 litre	1	5 minutes
Yeasticidal	Clean	200	5 litre	1	1 minute
	Dirty	1000	1 litre	1	5 minutes
Fungicidal	Clean	2000	1 litre	2	15 minutes
	Dirty	5000	1 litre	5	15 minutes
Mycobactericidal	Clean	1000	1 litre	1	15 minutes
	Dirty	5000	1 litre	5	15 minutes
Virucidal	Clean	500	2 litre	1	5 minutes
	Dirty	1000	1 litre	1	5 minutes
Sporcidal (C.Diff)	Clean	1000	1 litre	1	10 minutes
Sporicidal	Clean	5000	1 litre	5	10 minutes

* Dilution is made within water

- When diluted in water, one tablet gives 1000 ppm of available chlorine **DO NOT** dilute within any other medium
- The concentration of the solution depends upon whether the device being cleaned is noticeably dirty or not (indicated in the table by "Device Condition")

Safety precautions when using this cleaning agent

Handling and Storage:

Advice on Safe Handling



Avoid contact with skin and eyes. Do not breathe dust / fumes / gas / mist / vapours / spray. Use only with adequate ventilation Wash hands thoroughly after handling. Mixing this product with acid or ammonia releases chlorine gas

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

(recommended cleaning instruction...continued)

Conditions for safe storage, including and incompatibilities



- Keep out of reach of children
- Keep container tightly closed
- Store in suitable labelled containers
- Storage temperature: 0°C to 25°C

Individual protective measures:

- Hand protection: Gloves

Dissolve

Dissolve in cold water – With no agitation, 1 tablet will take approx. 10 minutes to fully dissolve in the water used.



THE LIFT TAPE can be cleaned in the same manner as shown above using the concentrations shown within the table.

please ensure the cloth used for this is damp and not wet as per the instruction above

The information above has been extracted from the Actichlor MSDS (Manufacturers Safety Data Sheet). For a full review of the data please follow the link below:

<http://www.nhsggc.org.uk/media/236215/msds-actichlor-plus.pdf>

17. Standards Applied

The standards that have been applied to the device are as follows:

- **BS EN 60601-1-2**
Medical electrical equipment. General requirements for basic safety and essential performance. Collateral Standard. Electromagnetic disturbances. Requirements and tests
- **BS EN 60601-1**
Medical electrical equipment. General requirements for basic safety and essential performance
- **BS EN ISO 10535**
Hoists for the transfer of disabled persons. Requirements and test methods

Transactive Xtra Ceiling Track Hoist

TEST CERTIFICATE

Safe Working Load: 130Kgs 160Kg 200Kg 270Kg

Model: TXM TXD

Serial No:

Date of Test:

This Test Certificate confirms that the above numbered hoist has been fully tested in accordance with the tests specified in:

- BS EN 10535 and has conformed fully therewith.

Signature of Tester

Guarantee

This guarantee does not affect or in any way limit your Statutory Rights

1. Prism Medical UK guarantees the TRANSACTIVE XTRA, supplied as new, against failure within the period of twenty-four months from the date of purchase by virtue of defects in material or workmanship.
2. The liability of Prism Medical UK under terms of this guarantee shall be limited to the replacement or the defective part (s) to the sales distributor, dealer, agent, person or entity which purchased the equipment from Prism Medical UK. In no event shall Prism Medical UK incur liability for any consequential or unforeseeable losses.
3. This equipment guarantee shall be void if the equipment is not serviced by Prism Medical UK or its authorised agents, in accordance with manufacturer's recommendations, or if any unauthorised persons carry out work on the equipment.
4. This guarantee does not apply to failure attributable to normal wear and tear, damage by natural forces, user neglect or misuse or to deliberate destruction.

Exemptions: Batteries will be guaranteed for a period of 90-days after original purchase.

18. Service Record History

18.1 Initial Information

- Complete the following section on **Purchase and Service Information** as soon as this equipment is supplied.
- Use the service record history to record to any completed service and repairs.
- Ensure that the service record is signed and dated each time it is used.
- Be sure to have this piece of equipment serviced on a regular basis (6 monthly where LOLER applies).

Purchase Information

Product name: Transactive Extra Hoist **Model:**

Date of purchase: **Serial No.:**

Purchased from:

Address:

City: **Postal code:**

Telephone number:

Comments:

Contact the following company for service

Company:

Address:

City: **Postal code:**

Telephone number:

Comments:

18.2 Service Record History

Complete this section after each service, repair inspection and/or maintenance.

* Photocopy additional pages as required*

Date: _____		Time: _____	
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other			
Completed by: (printed name).	 (signature)	
Company:			
Remarks & Action Taken:			
Device left in a safe usable condition: YES. <input type="checkbox"/> NO <input type="checkbox"/> (if "NO" explain in remarks the action taken)			

Date: _____		Time: _____	
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other			
Completed by: (printed name).	 (signature)	
Company:			
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Completed by: (signature)	
Company:			
Remarks & Action Taken:			
Device left in a safe usable condition: YES. <input type="checkbox"/> NO <input type="checkbox"/> (if "NO" explain in remarks the action taken)			

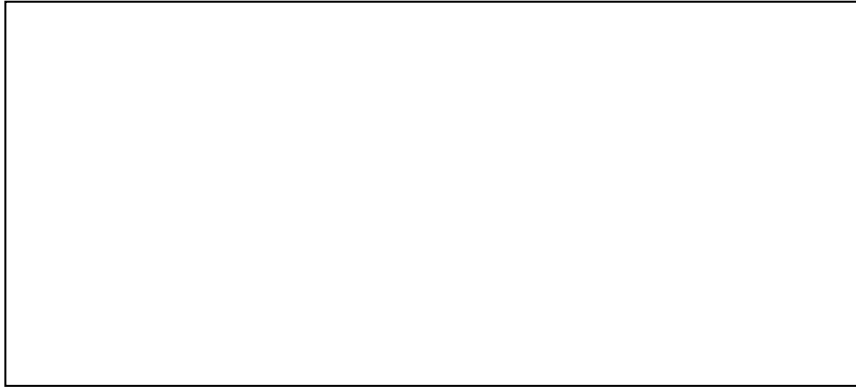
Date: _____		Time: _____	
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other			
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Completed by: (signature)	
Company:			
Remarks & Action Taken:			
Device left in a safe usable condition: YES. <input type="checkbox"/> NO <input type="checkbox"/> (if "NO" explain in remarks the action taken)			

User notes:

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