mackworth
essentials

Přenosný zvedák CT

Návod k použití



en-gb

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mackworth essentials

Obsah

1.0 Bezpečnosntí pokyny a varování 4
1.1 Úvod 4
1.2 Výrobce 6
1.3 Evropský autorizovaný zástupce 6
1.4 Použité symboly 7
1.5 Kontraindikace / omezení 8
1.6 Použití 8
1.7 Další varování a bezpečnostní upozornění 10
1.8 Provozní prostředí 10
1.9 Základní funkce 11
1.10 Prohlášení EMC 11
2.0 Komponenty / klíčové díly 13
2.1 Vybalení 13
3.0 Instalace 14
4.0 Použité díly - typ "BF" 15
5.0 Často používané funkce 15
5.1 Ramínko 15
5.2 Plachty 16
5.3 Připojení ovladače do zvedáku 24
6.0 Provoz zvedáku 25
6.1 Zapnutí / vypnutí zvedáku 25
6.2 Zvedání / spuštění ramínka 25
6.3 Pohyb zvedáku po kolejnici 26
6.4 Nabíjení přes ovladač 26
6.5 Nabíjení zvedáku 26
6.5.1 Nabíjení přes ovladač 26
6.5.2 Nabíjení na kolejnici 27
6.6 Nouzový provoz 28
6.6.1 Nouzové zastavení 28
6.6.2 Nouzové spuštění 28
7.0 Technická specifikace 29
7.1 Rozměry a zdvih zvedáku 29
7.2 Specifikace 30
7.3 Předpokládaná životnost produktu 31

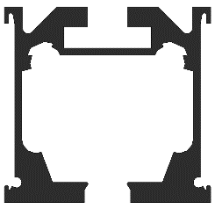
7.4 Platné normy 31
8.0 Životní prostředí / skladovací a provozní podmínky 31
8.1 Běžné provozní podmínky 32
8.2 Podmínky přepravy a skladování 32
9.0 Likvidace 32
10.0 Zjištění závad 33
10.1 LED displej 34
11.0 Základní kontrola, údržba a čištění 35
11.1 Servis 35
11.2 Prohlídka 35
11.2.1 Poškození popruhu 36
11.3 Čištění 36
11.3.1 Základní čištění 36
11.3.2 Dezinfekce 37
12.0 Záruka 38
13.0 Přehled servisních záznamů 39

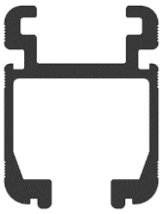
1.0 Bezpečnostní pokyny y varování

1.1 Úvod

Tento návod obsahuje přenosné stropní zvedáky CT300 a CT 200 spolu se všemi variantami pro různé typy kolejnic. Níže je uveden seznam všech profilů kolejnic, do kterých lze zvedák CT nainstalovat prostřednictvím různých konfigurací. Aby bylo možné nainstalovat zvedák CT, musí níže uvedené profily odpovídat vašípředinstalované kolejnici.


Typ 1


Typ 2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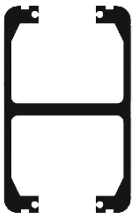
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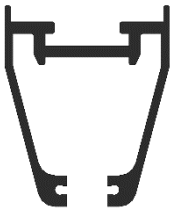

Typ 5

Níže uvedený seznam obsahuje všechny typy zvedáků CT, které jsou popsány v tomto manuálu a pro jaký typ kolejnic jsou vhodné

***Typ** zvedáku*	***Typ ra**mínka*	***Typ ko**lejnice*
CT130 – 108500	černé	Typ 1
CT130 – 108530	bílé	Typ 1
CT130 – 108501	černé	Typ 1
CT130 – 108531	bílé	Typ 1
CT130 – 108502	černé	Typ 2
CT130 - 108532	bílé	Typ 2
CT130 – 108503	černé	Typ 2
CT130 – 108533	bílé	Typ 2
CT130 – 108504	černé	Typ 3
CT130 – 108534	bílé	Typ 3
CT130 – 108505	černé	Typ 3
CT130 – 108535	bílé	Typ 3
CT130 – 108506	černé	Typ 4
CT130 – 108536	bílé	Typ 4
CT130 – 108507	černé	Typ 4
CT130 – 108537	bílé	Typ 4
CT130 – 108508	černé	Typ 5
CT130 – 108538	bílé	Typ 5
CT130 – 108509	černé	Typ 5
CT130 – 108539	bílé	Typ 5
CT200 – 108510	černé	Typ 1
CT200 – 108540	bílé	Typ 1
CT200 – 108511	černé	Typ 1
CT200 – 108541	bílé	Typ 1
CT200 – 108512	černé	Typ 2
CT200 – 108542	bílé	Typ 2
CT200 – 108513	černé	Typ 2

CT200 – 108543	bílé	Typ 2
CT200 – 108514	černé	Typ 3
CT200 – 108544	bílé	Typ 3
CT200 – 108515	černé	Typ 3
CT200 – 108545	bílé	Typ 3
CT200 – 108516	černé	Typ 4
CT200 – 108546	bílé	Typ 4
CT200 – 108517	černé	Typ 4
CT200 – 108547	bílé	Typ 4
CT200 – 108518	černé	Typ 5
CT200 – 108548	bílé	Typ 5
CT200 – 108519	černé	Typ 5
CT200 - 108549	bílé	Typ 5

tabulka 1

Protože zvedání a přenášení osob představuje potenciální riziko, jsou informace v tomto manuálu důležité pro vaši bezpečnost.



Před použitím zvedáku CP si přečtěte celý návod a seznamte se s ním!

Uschovejte tento návod spolu s dokumenty přiloženými ke zvedáku a plachtám. Zvedák CT je navržen pro použití ve spojení s kolejnicemi Prism, příslušenstvím a plachtám. Při prohlížení tohoto manuálu se prosím řiďte všemi uživatelskými příručkami dodávanými s těmito součástmi.

V případě jakýchkoliv dotazů po prostudování tohoto návodu se obraťte na dodavatele zařízení.

Nedostatečné porozumění návodu může mít za následek zranění obsluhy nebo přepravované osoby. Může také dojít na poškození zařízení a jeho příslušenství.

Obsah tohoto návodu se může změnit bez předchozího upozornění.



Nepoužívejte zařízení, dokud se řádně neseznámíte s návodem použití a dostatečně mu neporozumíte!



Neoprávněné úpravy jakéhokoli části tohoto zařízení mohou ovlivnit jeho bezpečnost. Výrobce nenese odpovědnost za žádné nehody, incidenty nebo nedostatky ve výkonu, ke kterým dojde v důsledku jakýchkolineautorizovaných úprav jeho výrobků.



Neinstalujte ani nepoužívejte ve vlhkém prostředí.

1.2 Výrobce

Níže je uvedena adresa výrobce zvedáku:



Prism Medical UK
Unit 1, Tir Llwyd Industrial Estate, St Asaph Avenue, Kinmel Bay, Conwy, LL18 5JZ

1.3 Evropský autorizovaný zástupce

Adresa evropského autorizovaného zástupce pro tento výrobek:



Medeos s.r.o.

Domažlická 1256/1
130 00 Praha

Provozovna: Medeos s.r.o., Jaktáře 1500, 686 01 Uherské Hradiště

1.4 Použité symboly

gfg

	Před použitím si přečtěte pokyny.		Pozor – dodržujte návod k použití
	Třída ochrany II – ochrana před elektrickým proudem je zajištěna základní izolací a	SWL	Bezpečné pracovní zatížení – maximální zatížení pro bezpečný provoz
	Výrobce		Datum výroby
	Indikátor balení - tímto směrem nahoru		Indikátor balení – udržujte v suchu
SN	Sériové číslo		Pouze pro vnitřní použití
	Dodržujte místní zákony o odpadech	$IP_{N_1N_2}$	Stupeň ochrany poskytovaný krytem I. vniknutí částic II. vniknutí vody
	Temperature range		Humidity range
	Atmospheric pressure range		Type ‘B’ applied part
REF	Catalogue number		Type ‘BF’ applied part
UK CA	UK CA	EC REP	European Authorised Representative

Table 2

1.5 Contraindications/Limitations

There are no known “contraindications” associated with the usage of the CT hoist and its accessories, provided they are used as 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 does not recommend a required number of care givers 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.

1.6 Intended Use

For internal use only.

This manual includes the CT130 and CT200 Ceiling Track Hoists, along with all variants for various track types.

All models of CT130 found in Table 1 have a Safe Working Load (SWL) of 130kg.
All models of CT200 found in Table 1 have a Safe Working Load (SWL) of 200kg.

With a safe working load of 130kg / 200kg, the CT Hoist is a raising and lowering aid used to transfer people safely. The Hoist makes it possible to move mobility impaired individuals with minimal strain or risk to the caregiver, while providing complete safety, dignity and comfort for the person being moved.

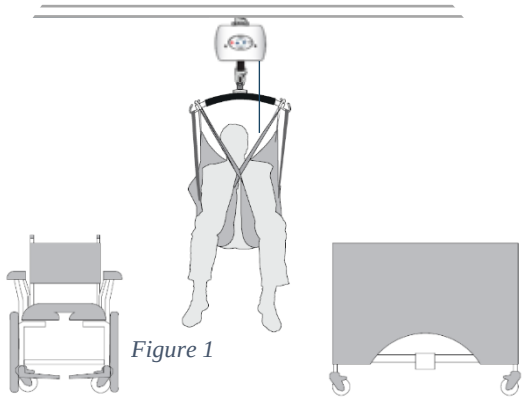


Figure 1

The easy to use hoist is designed to be operated by both professional health care workers and home health care workers who may not have a specific range of skills in health care. Typical home care users may include, but is not limited to, teachers, medics, paramedics, carers, family and friends. Focusing on the dignity and wellbeing of the person being moved, the simple to use hoist maximises the amount of care provided to the person.

The CT Hoist is a Ceiling Track Hoist and should only be used whilst on the Ceiling Track. It has the ability to raise up an individual from one location, such as a bed, move the individual along the track to another location and finally lower the individual, such as into a chair or a bath.

The CT is intended to be used with Prism/Mackworth/Care-ability slings and the Prism Ceiling Track system. Together these three items make up the system. Please refer to any user guides supplied with the sling and track system and reference them while reviewing this manual.

A risk assessment must be performed before using any other manufactured sling, carry bar or ceiling track to ensure ‘safe’ use can be established.
The device is used under instruction and the operation of the aid is undertaken by a trained carer.

The carry bar is manufactured by Prism, associated for use with this device, incorporates three fixing point options at either end of carry bar, with a safety retaining clip on the outer hook. The fixing can be derived by the user, by means of a simple connection loop, made by the sling, to the carry bar. This connection system is used throughout the industry in various designs but all acts as the means to hold the sling and user in place through operation of the device whilst in use.

The sling is a specially designed fabric accessory that attaches to the hoist by means of a carry bar and strap system, and holds an individual while the hoist or transfer takes place. The sling is supplied separately from the hoist at the initial time of purchase.

The track, also supplied separately from the hoist at the time of purchase, is the means to operate the hoist in a defined safe route, enabling the person different uses around the “travel” of the hoist.

If additional accessories have been supplied with the hoist, refer to the instructions included with those items.

- The CT hoist must be installed on the ceiling track prior to use.
- The CT hoist must be installed only by persons authorized by Prism Medical who have had the training to do so.
- Under no circumstance should the CT hoist, track, sling 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.
- In facilities where more than one operator will be responsible for using the CT hoist and associated systems and sling(s) it is imperative that all such members be trained in the hoist's proper use. A training program should be established by the facility to acquaint new operators with this equipment.
- Your guarantee is void if any modifications are made that are not authorised by Prism.
- The CT Hoist, and associated track and sling 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 unauthorized by Prism perform work on the Hoist systems.
- There are no user serviceable parts inside the cover of the hoist, likewise for any components of the associated parts. Do not remove cover screws, or open the hoist unit, as this will VOID THE GUARANTEE/WARRANTY.
- Never expose the CT hoist directly to water. Your guarantee does not cover any misuse or abuse of the hoist system.
- To maintain optimum function, the CT hoist should be inspected and maintained on a regular basis. See section 'General Inspection, Maintenance and Cleaning' within this user manual.
- Any accessories used with the CT including track and sling(s), should be checked to ensure that they are in good working order. Check for signs of wear to each component prior to use. Report any unusual wear, or damage immediately to your local authorized dealer.
- The CT Hoist and associated accessories, track and sling(s) are intended only for hoisting and transferring of a person. Prism will not be responsible for any damage caused by the misuse, neglect or purposeful destruction of the Hoist, and/or its associated components.
- The installation of the Hoist and its associated parts are certified to a maximum load of 130kg / 200kg, depending on the model. 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 anaesthetics.
- Ensure that a clear space is maintained around the Hoist and track. Before performing a transfer check for and move all obstacles out of the way.
- Your Hoist is for human hoisting. Do not use it, or allow it to be used, for any other purpose.
- Protecting the people present, visually monitor sling loop connection points during raising, lowering and transfer stages so the sling remains firmly attached to the carry bar.
- In areas where children are prone to be present be vigilant when operating the Hoist.
- To reduce the risk of unintended use, when the Hoist is not in use remove the sling(s) from the product to prevent entrapment or strangulation should the device be tampered with.
- The Hoist batteries are not a user serviceable part. Contact your local authorised dealer to arrange for replacement.

- Before initial use, the hoist unit must be charged for approximately 8 hours. Refer to section 'Charging the Hoist'. The handset must also be connected to the hoist. To connect the handset refer to the section 'Connecting the Handset to the Hoist'.

- Between the Hoist, Carry Bar, Sling and other accessories, the lowest maximum load shall always be used.

- The hoist must only be removed from the track by an approved trained professional.



You may need to seek specialist advice on how to assist some people with specific moving and handling needs. Sources of advice include, but is not limited to, professional bodies and organisations, occupational therapist, physiotherapists, manual handling advisers and ergonomist with experience in health and social care.

1.7 Additional Warnings and Safety Notices



Risk of strangulation: Please make sure handset cable and lift tape are clear of all persons at all times.

Risk of impact with carry bar: Please take care to ensure the carry bar is clear of the person in the sling when preparing to raise/lower and move them to avoid any contact with that person.

Risk of collision: The person operating the hoist should make sure that when raising, lowering or moving the Hoist that no people or objects will obstruct, be injured or damaged by the movement.

Serious Injury: If, during the use of this device or as a result of its use a serious incident has occurred, please report it to the manufacturer and to your national authority.

Electric Shock: Do not insert any objects into the hoist case or battery charging station because of potential risk of electric shock.
To reduce the risk of electric shock, do not install or operate the battery charger with a damaged cable or if the unit has been dropped or damaged.

Portable RF Communication Devices: Portable RF communications equipment (including peripherals, such as antenna cables and external antenna) should be used no closer than 30cm (12 inches) to any part of the CT ceiling track hoist, including cables specified by the manufacturer, otherwise degradation of the performance of this equipment could result

Vicinity to Other Equipment: Use of this equipment adjacent to or stacked with other equipment should be avoided, as it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Specified Accessories: Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Lay Operator: if in the case of an operator is classed as a 'Lay Operator' they should contact the Manufacturer or the Manufacturer's representative for assistance in operating the hoist in a safe/trained manner.

1.8 Operating Environment

The CT hoist is suitable for use within the professional health care facility environment as well as the home health care environment.
The hoist is not suitable for any special environments.

The hoist is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity during intended use.

1.9 Essential Performance

The essential performance of the Hoist is defined as:
Raise up, lower down, and emergency lower.

These functions may be interrupted if the hoist is subjected to any electromagnetic field created by other electrical devices which are located nearby.

In the event of electromagnetic disturbances, the following conditions may occur:

1. Should the LED Notification panel Display goes blank, or become unreadable, but eventually self recovers and there is detrimental effect to performance, continue to use but investigate source of electromagnetic disturbance.

2. Should the LED Notification panel Display goes blank, or the charging status LED's continue to flash red or green, the hoist is still acceptable to be used, but investigate EMC source and contact your service provider at the soonest opportunity.

3. Should the lift or lower function pause temporarily during use, the hoist can be continue to be used but investigate EMC source and contact your service provider at the earliest convenience.

1.10 EMC Statement

The following statement has been made against the assumption that the user of the system utilises the provided components supplied by the manufacturer of the device to operate the device as intended. DO NOT use any other form of power charge with the system as the manufacturer's adapter has been assessed and complies with the EMC requirements.

This product, manufactured by Prism, has been designed, manufactured and tested in accordance with the legal requirements for the environment in which the device will be used within.

Pacemakers, defibrillators and other medical devices should be manufactured in such a manner that they can withstand Electromagnetic Interferences (EMI) in accordance with their associated mandatory European directives and regulations. Please consult the user alert card which would have been issued to the user regarding the use of electrical items for those individuals fitted with these or any other devices.

If users of this equipment are unsure of its compliance to EMC you can request the confirmation from Prism that the product is manufactured to the appropriate Electromagnetic Compatibility standard.

A brief summary of the tests carried out in accordance with IEC 60601-1-2 is shown below in Table 3.

The hoist is also classified as Class B according to CISPR 11:2009 for the home health care environment.

The use of the device within the correct area where the intended use is given will have no detrimental effect on other devices that have been tested to their intended respective requirements.

Section	Specification Clause	Test Description	Results	Comments/ Base Standard
Configuration and Mode: Test setup standby				
2.1	4.4.1	General Requirement; Risk Management Process for ME Equipment and ME Systems	Pass	
2.2	5	Identification, Marking and documents	Pass	
Configuration and Mode: Test setup charging				

2.3	7.1.1	Mains Terminal Disturbance Voltage	Pass	CISPR 11: 2009 A1:2010 EN 55016-2-3: 2004 + A1:2005
2.4	7.1.1	Electromagnetic Radiation Disturbance	Pass	CISPR 11: 2009 A1:2010 EN 55016-2-3: 2004 + A1:2005
2.5	7.2.1	Harmonic Current Emissions (AC Power Port)	Pass	EN 61000-3-2: 2014
2.6	7.2.2	Voltage Fluctuations and Flicker (AC Power Port)	Pass	IEC 61000-3-3: 2013
2.7	Table 4	Immunity to Electrostatic discharge (Enclosure Port)	Pass	IEC 61000-4-2 2008
2.8	Table 4	Immunity to Radiated RF Electromagnetic fields (Enclosure Port)	Pass	IEC 61000-4-3: 2006 A2:2010
2.9	Table 4	Immunity to Proximity Fields from RF Wireless Communicatio0n Equipment (Enclosure Port)	Pass	IEC 61000-4-3: 2006 A2:2010
2.10	Table 5	Immunity to Surges (AC Power Port)	Pass	IEC 61000-4-5: 2005
2.11	Table 5	Immunity to Electrical Fast Transient / Burst (AC Power Port)	Pass	IEC 61000-4-4: 2012
2.12	Table 5	Immunity to Conduct Disturbances Induced by RF Fields (AC Power Port)	Pass	IEC 61000-4-6: 2013
2.13	Table 5	Immunity to Voltage Dips and Voltage Variations (AC Power Port)	Pass	IEC 61000-4-11: 2004
2.14	Table 5	Immunity to Voltage Interruptions (AC Power Port)	Pass	IEC 61000-4-11: 2004
In-Track charging system stand testing				
2.7	Table 4	Immunity to Electrostatic discharge (Enclosure Port)	Pass	IEC 61000-4-2 2008
Configuration and Mode: Test setup standby				
2.4	7.1.1	Electromagnetic Radiation Disturbance	Pass	CISPR 11: 2009 A1:2010 EN 55016-2-3: 2004 + A1:2005
2.7	Table 4	Immunity to Electrostatic discharge (Enclosure Port)	Pass	IEC 61000-4-2 2008
2.8	Table 4	Immunity to Radiated RF Electromagnetic fields (Enclosure Port)	Pass	IEC 61000-4-3: 2006 A2:2010
2.9	Table 4	Immunity to Proximity Fields from RF Wireless Communicatio0n Equipment (Enclosure Port)	Pass	IEC 61000-4-3: 2006 A2:2010
Configuration and Mode: Test set up operating up and down				
2.4	7.1.1	Electromagnetic Radiation Disturbance	Pass	CISPR 11: 2009 A1:2010 EN 55016-2-3: 2004 + A1:2005
2.7	Table 4	Immunity to Electrostatic discharge (Enclosure Port)	Pass	IEC 61000-4-2 2008
2.8	Table 4	Immunity to Radiated RF Electromagnetic fields (Enclosure Port)	Pass	IEC 61000-4-3: 2006 A2:2010
2.9	Table 4	Immunity to Proximity Fields from RF Wireless Communicatio0n Equipment (Enclosure Port)	Pass	IEC 61000-4-3: 2006 A2:2010
Configuration and Mode: Test setup standby				
2.1	4.4.1	General Requirement; Risk Management Process for ME Equipment and ME Systems	Pass	
2.2	5	Identification, Marking and documents	Pass	

Table 3

2.0 Components/Key Parts

Please see below to familiarise yourself with the components of the Mackworth Essentials CT Hoist. The images below show the contents of the Ceiling Track Hoist. If you have not received all the components contact your local Prism Medical UK dealer immediately – contact details are provided on the last page of this manual.

Item	Description	Part Numbers
1	CT hoist	See Table 1
2	Carry bar	300508, 500509, 300514, 300515
3	Handset	108032
4	Hoist charger	104037, 108201, 108149, 108151
5	User manual	999008

Table 4



Figure 2

2.1 Unpacking

The Hoist will arrive to you in a robust box, please be careful when removing the components from the box. Please read the user guide in full before operating.

This user manual should be kept safe for future reference.

The Hoist has been specifically designed to be installed in both the professional and home health care environments.

No matter the environment, health and safety factors should be considered to ensure the safety and essential performance of the Hoist and to avoid unnecessary damage or injuries to people within the area of the Hoist.

When using a sharp knife, be careful not to damage the product.

This section will summarize the layout of the Hoist Packaging and what is included in the Box. It is recommended a knife is used for smoother unpacking of the Hoist. The Hoist is packed into a single box (280x670x365), weighing approximately 11kg.

Using a knife to open the box around the perimeter, the box should open, remove the internal packaging to access the product. It will include all the components listed above.

Please see below to familiarise yourself with the components of the CT hoist. The images below show the contents of the hoist package. If you have not received all the components contact your local Prism dealer immediately – contact details are provided on the last page of this manual.



Figure 3



Figure 4

3.0 Installation

The CT hoist has been specifically designed to be installed in both the professional and home health care environments.

No matter the environment, health and safety factors should be considered to ensure the safety and essential performance of the hoist and to avoid unnecessary damage or injuries to people within the area of the hoist.

Typical examples include: radiated heat (e.g. from a heater or fire place), excessive moisture impacting electrical performance (e.g. from a bathroom or kitchen area) and the correct storage of the hoist after use (e.g. handset position on the carry bar).

The hoist is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity during intended use.

This manual covers the safety and advice for the CT and moving and handling risks can be done in-house, as long as the person is competent to identify and address the risks.

Refer to the Commissioning guide document which outlines the correct procedure to install the product.
Document Number: 996008.

You may need to seek to seek specialist advice on how to assist some people with specific moving and handling needs. Sources of advice include, but is not limited to, professional bodies and organisations, occupational therapist, physiotherapists, manual handling advisers and ergonomist with experience in health and social care.

A Prism Medical approved trained professional must install the hoist.

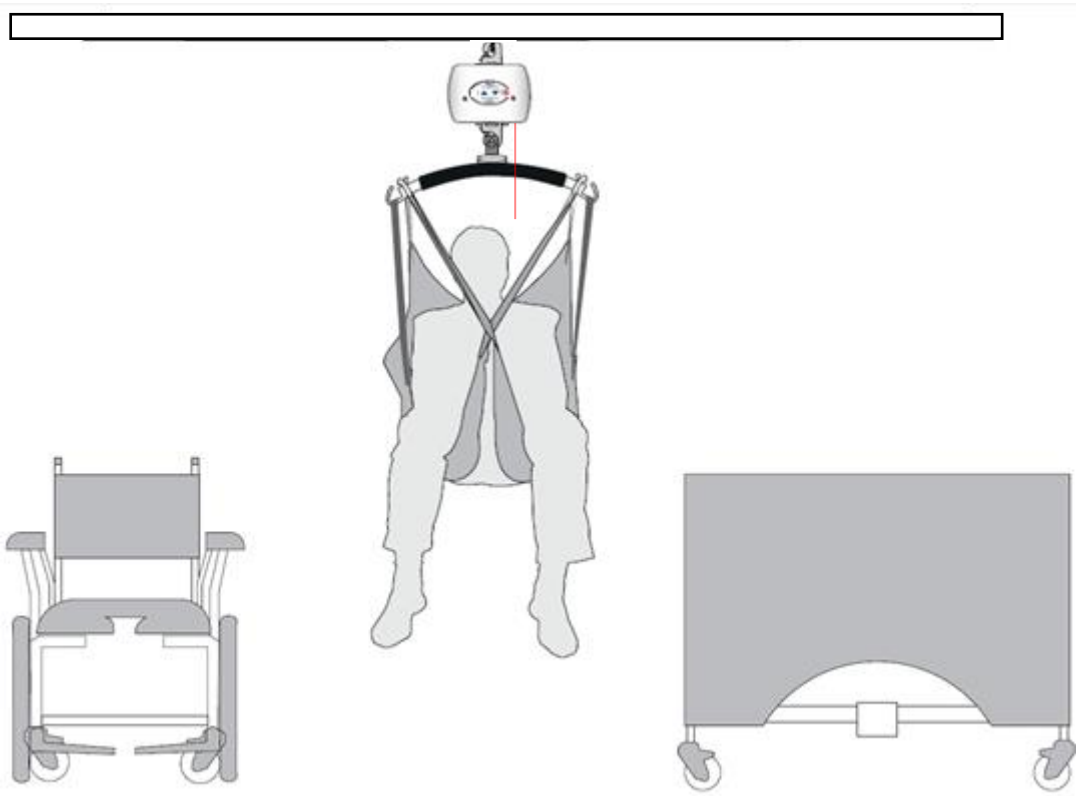


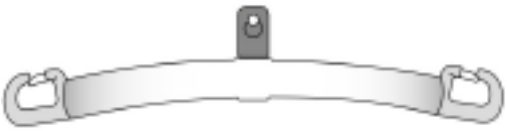
Figure 5

4.0 Type 'BF' Applied parts

Below shows the two parts of the hoisting system, which are classed as Body Floating (BF) applied parts. The carry bar is a complete assembled unit which allows approved Prism slings to be attached, to lift and assist patient. See section 5.1 for instructions to attach carry bar to Hoist system and 5.2 to attach an approved sling to the carry bar. To see Prism Medical UK approved sling list, see table 5 and 6.



Black Carry Bar



White Carry Bar



Slings
(Reference image)

5.0 Frequently Used Functions

5.1 Carry Bar

Attach the carry bar (type 'BF applied part) into the hook on the lift tape, located at the end opposite to the hoist, in the following way:

1. On the hook, move the locking mechanism into the hook by pressing down on the tab (Figure 6 and 7).
2. With the carry bar positioned sideways along the length of the bar, move the pin at the top of the carry bar into the hook (Figure 8).
3. Alternatively, with the carry bar positioned sideways, the pin at the top of the carry bar can gently push the locking mechanism out of the way as the pin is carefully moved into the hook.
4. Once the pin is in the hook, rotate the carry bar 90° down so the carry bar is hanging below the hook on the pin in the hook. Move the locking mechanism into place by pushing up on the tab, securing the carry bar on the hook and lifting tape. (Figure 10 and 11)



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11

The black and white carry bar are both attached to the Quick Release Hook (QRS) in the same fashion as described above, see images below for reference.



Figure 12



Figure 13

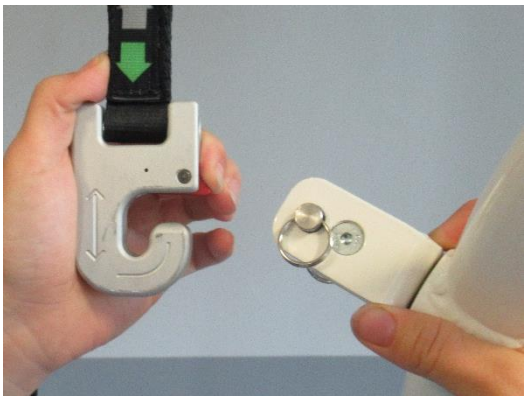


Figure 14

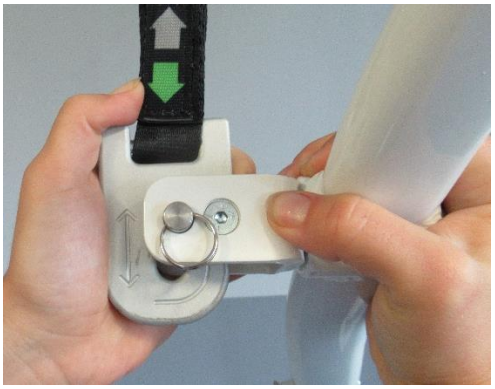


Figure 15



Figure 16

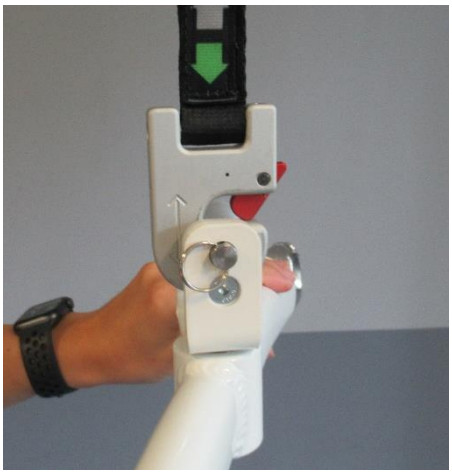


Figure 17

5.2 Slings

The way the sling is attached to the carry bar needs to be assessed on individual basis and documented in the individual's care plan. Furthermore, the person attaching the sling to the carry bar should reference the user manual for the specific sling in use as attachment points vary depending on the application and type.
Only after the correct attachment is fully understood should the sling loops be fitted onto the carry bar in the correct order. Sling loops should be attached as follows:

1. Put the required sling loop onto your finger and thumb and then using the same finger or thumb, pull back the spring locking mechanism on the correct hook on the correct side of the carry bar (Figure 18).
2. Slide the sling loop from your finger and thumb over the edge of the hook (Figure 19 and 20).
3. After positioning the loop below the locking mechanism (Figure 21) release the spring locking mechanism to secure the sling loop. (Figure 22)

Make sure the required loop(s) are on the correct hooks and are correctly positioned.



Figure 18



Figure 19



Figure 20



Figure 21



Figure 22

To remove the sling, simply reverse the process – pull back on the spring locking mechanism, lift the loop out of the hook and release the locking mechanism.

The slings attach to the black and white carry bar in the same fashion as described above, see images below for reference.



Figure 23



Figure 24



Figure 25

We recommend the use of Prism manufactured sling range (type 'BF' applied part) to be utilised with the CT hoist. It is at the user's discretion to use alternative supplied product. In utilising another manufacturer's sling, checks must first be made to ensure the sling is safe to use and meets the requirements of BS EN ISO 10535 before its use and a full risk assessment to be carry out before use.

The Mackworth slings with a safe working load of 200kg or more that can be used with the CT hoist are shown below in Table 5, complete with product codes.

Size	Mackworth Sling Range - Product Material and Code				
	Polyester Solid	Polyester Mesh	Parasilk	Quilted	Supersoft Spacer
Mackworth Oak					
Small	1201OK7500	1201OK8500	1201OK3500	1201OK5500	1201OK4500
Medium	1201OK7400	1201OK8400	1201OK3400	1201OK5400	1201OK4400
Large	1201OK7300	1201OK8300	1201OK3300	1201OK5300	1201OK4300
XL	1201OK7200	1201OK8200	1201OK3200	1201OK5200	1201OK4200
XXL	1201OK7100	1201OK8100	1201OK3100	1201OK5100	1201OK4100
XXXL	1201OK7000	1201OK8000	1201OK3000	1201OK5000	1201OK4000
Mackworth Oak with head support					
Small	1201OK7520	1201OK8520	1201OK3520	1201OK5520	1201OK4520
Medium	1201OK7420	1201OK8420	1201OK3420	1201OK5420	1201OK4420
Large	1201OK7320	1201OK8320	1201OK3320	1201OK5320	1201OK4320
XL	1201OK7220	1201OK8220	1201OK3220	1201OK5220	1201OK4220
XXL	1201OK7120	1201OK8120	1201OK3120	1201OK5120	1201OK4120
XXXL	1201OK7020	1201OK8020	1201OK3020	1201OK5020	1201OK4020
Mackworth Yew					

Small	1201YW7500	1201YW8500	1201YW3500	n/a	1201YW4500
Medium	1201YW7400	1201YW8400	1201YW3400	n/a	1201YW4400
Large	1201YW7300	1201YW8300	1201YW3300	n/a	1201YW4300
XL	1201YW7200	1201YW8200	1201YW3200	n/a	1201YW4200
XXL	1201YW7100	1201YW8100	1201YW3100	n/a	1201YW4100
XXXL	1201YW7000	1201YW8000	1201YW3000	n/a	1201YW4000
Mackworth Yew with head support					
Small	1201YW7520	1201YW8520	1201YW3520	n/a	1201YW4520
Medium	1201YW7420	1201YW8420	1201YW3420	n/a	1201YW4420
Large	1201YW7320	1201YW8320	1201YW3320	n/a	1201YW4320
XL	1201YW7220	1201YW8220	1201YW3220	n/a	1201YW4220
XXL	1201YW7120	1201YW8120	1201YW3120	n/a	1201YW4120
XXXL	1201YW7020	1201YW8020	1201YW3020	n/a	1201YW4020
Mackworth Hazel					
Small	1201HZ7500	1201HZ8500	1201HZ3500	1201HZ5500	1201HZ4500
Medium	1201HZ7400	1201HZ8500	1201HZ3400	1201HZ5400	1201HZ4400
Large	1201HZ7300	1201HZ8300	1201HZ3300	1201HZ5300	1201HZ4300
XL	1201HZ7200	1201HZ8200	1201HZ3200	1201HZ5200	1201HZ4200
XXL	1201HZ7100	1201HZ8100	1201HZ3100	1201HZ5100	1201HZ4100
XXXL	1201HZ7000	1201HZ8000	1201HZ3000	1201HZ5000	1201HZ4000
Mackworth Hazel with head support					
Small	1201HZ7520	1201HZ8520	1201HZ3520	1201HZ5520	1201HZ4520
Medium	1201HZ7420	1201HZ8520	1201HZ3420	1201HZ5420	1201HZ4420
Large	1201HZ7320	1201HZ8320	1201HZ3320	1201HZ5320	1201HZ4320
XL	1201HZ7220	1201HZ8220	1201HZ3220	1201HZ5220	1201HZ4220
XXL	1201HZ7120	1201HZ8120	1201HZ3120	1201HZ5120	1201HZ4120
XXXL	1201HZ7020	1201HZ8020	1201HZ3020	1201HZ5020	1201HZ4020
Mackworth Willow					
Small	1201WL7500	This sling is made up of a single quilted material backed with solid polyester material.			
Medium	1201WL7400				
Large	1201WL7300				
XL	1201WL7200				
XXL	1201WL7100				
XXXL	1201WL7000				
Mackworth Willow with head support					
Small	1201WL7520	This sling is made up of a single quilted material backed with solid polyester material.			
Medium	1201WL7420				
Large	1201WL7320				
XL	1201WL7220				
XXL	1201WL7120				
XXXL	1201WL7020				
Mackworth Beech					
Small	1201BC7500	1201BC8500	1201BC3500	1201BC5500	1201BC4500
Medium	1201BC7400	1201BC8400	1201BC3400	1201BC5400	1201BC4400
Large	1201BC7300	1201BC8300	1201BC3300	1201BC5300	1201BC4300
XL	1201BC7200	1201BC8200	1201BC3200	1201BC5200	1201BC4200
XXL	1201BC7100	1201BC8100	1201BC3100	1201BC5100	1201BC4100
XXXL	1201BC7000	1201BC8000	1201BC3000	1201BC5000	1201BC4000
Mackworth Beech with head support					

Small	1201BC7520	1201BC8520	1201BC3520	1201BC5520	1201BC4520
Medium	1201BC7420	1201BC8420	1201BC3420	1201BC5420	1201BC4420
Large	1201BC7320	1201BC8320	1201BC3320	1201BC5320	1201BC4320
XL	1201BC7220	1201BC8220	1201BC3220	1201BC5220	1201BC4220
XXL	1201BC7120	1201BC8120	1201BC3120	1201BC5120	1201BC4120
XXXL	1201BC7020	1201BC8020	1201BC3020	1201BC5020	1201BC4020
Mackworth Pine					
Small	1201PN7500	1201PN8500	1201PN3500	1201PN5500	1201PN4500
Medium	1201PN7400	1201PN8400	1201PN3400	1201PN5400	1201PN4400
Large	1201PN7300	1201PN8300	1201PN3300	1201PN5300	1201PN4300
XL	1201PN7200	1201PN8200	1201PN3200	1201PN5200	1201PN4200
XXL	1201PN7100	1201PN8100	1201PN3100	1201PN5100	1201PN4100
XXXL	1201PN7000	1201PN8000	1201PN3000	1201PN5000	1201PN4000
Mackworth Pine with head support					
Small	1201PN7520	1201PN8520	1201PN3520	1201PN5520	1201PN4520
Medium	1201PN7420	1201PN8420	1201PN3420	1201PN5420	1201PN4420
Large	1201PN7320	1201PN8320	1201PN3320	1201PN5320	1201PN4320
XL	1201PN7220	1201PN8220	1201PN3220	1201PN5220	1201PN4220
XXL	1201PN7120	1201PN8120	1201PN3120	1201PN5120	1201PN4120
XXXL	1201PN7020	1201PN8020	1201PN3020	1201PN5020	1201PN4020

Table 5

The Care-Ability slings with a safe working load of 200kg or more that can be used with the CT hoist are shown below in Table 6, complete with product codes.

Size	Care-Ability Sling Range - Product Material and Code			
	Polyester	**Mesh**	**Spacer**	**Parachute**
CA300 Universal				
P1	CA300PP1	CA300MP1	CA300SP1	CA300PAP1
P2	CA300PP2	CA300MP2	CA300SP2	CA300PAP2
P3	CA300PP3	CA300MP3	CA300SP3	CA300PAP3
P4	CA300PP4	CA300MP4	CA300SP4	CA300PAP4
P5	CA300PP5	CA300MP5	CA300SP5	CA300PAP5
X Small	CA300PXS	CA300MXS	CA300SXS	CA300PXS
Small	CA300PS	CA300MS	CA300SS	CA300PAS
Small/Medium	CA300PSM	CA300MSM	CA300SSM	CA300PASM
Medium	CA300PM	CA300MM	CA300SM	CA300PAM
Medium/Large	CA300PML	CA300MML	CA300SML	CA300PAML
Large	CA300PL	CA300ML	CA300SL	CA300PAL
X Large	CA300PXL	CA300MXL	CA300SXL	CA300PAXL
CA400 Universal Deluxe				
P1	CA400PP1	CA400MP1	CA400SP1	CA400PAP1
P2	CA400PP2	CA400MP2	CA400SP2	CA400PAP2
P3	CA400PP3	CA400MP3	CA400SP3	CA400PAP3
P4	CA400PP4	CA400MP4	CA400SP4	CA400PAP4
P5	CA400PP5	CA400MP5	CA400SP5	CA400PAP5
X Small	CA400PXS	CA400MXS	CA400SXS	CA400PAXS
Small	CA400PS	CA400MS	CA400SS	CA400PAS
Small/Medium	CA400PSM	CA400MSM	CA400SSM	CA400PASM

Medium	CA400PM	CA400MM	CA400SM	CA400PAM
Medium/Large	CA400PML	CA400MML	CA400SML	CA400PAML
Large	CA400PL	CA400ML	CA400SL	CA400PAL
X Large	CA400PXL	CA400MXL	CA400SXL	CA400PAXL
CA500 Toilet Access				
P1	CA500PP1	CA500MP1	CA500SP1	CA500PAP1
P2	CA500PP2	CA500MP2	CA500SP2	CA500PAP2
P3	CA500PP3	CA500MP3	CA500SP3	CA500PAP3
P4	CA500PP4	CA500MP4	CA500SP4	CA500PAP4
P5	CA500PP5	CA500MP5	CA500SP5	CA500PAP5
X Small	CA500PXS	CA500MXS	CA500SXS	CA500PAXS
Small	CA500PS	CA500MS	CA500SS	CA500PAS
Small/Medium	CA500PSM	CA500MSM	CA500SSM	CA500PASM
Medium	CA500PM	CA500MM	CA500SM	CA500PAM
Medium/Large	CA500PML	CA500MML	CA500SML	CA500PAML
Large	CA500PL	CA500ML	CA500SL	CA500PAL
X Large	CA500PXL	CA500MXL	CA500SXL	CA500PAXL
CA501 Toilet Access with crossover straps				
P1	CA501PP1	CA501MP1	CA501SP1	CA501PAP1
P2	CA501PP2	CA501MP2	CA501SP2	CA501PAP2
P3	CA501PP3	CA501MP3	CA501SP3	CA501PAP3
P4	CA501PP4	CA501MP4	CA501SP4	CA501PAP4
P5	CA501PP5	CA501MP5	CA501SP5	CA501PAP5
X Small	CA501PXS	CA501MXS	CA501SXS	CA501PAXS
Small	CA501PS	CA501MS	CA501SS	CA501PAS
Small/Medium	CA501PSM	CA501MSM	CA501SSM	CA501PASM
Medium	CA501PM	CA501MM	CA501SM	CA501PAM
Medium/Large	CA501PML	CA501MML	CA501SML	CA501PAML
Large	CA501PL	CA501ML	CA501SL	CA501PAL
X Large	CA501PXL	CA501MXL	CA501SXL	CA501PAXL
CA502 Toilet Access with head support				
P1	CA502PP1	CA502MP1	CA502SP1	CA502PAP1
P2	CA502PP2	CA502MP2	CA502SP2	CA502PAP2
P3	CA502PP3	CA502MP3	CA502SP3	CA502PAP3
P4	CA502PP4	CA502MP4	CA502SP4	CA502PAP4
P5	CA502PP5	CA502MP5	CA502SP5	CA502PAP5
X Small	CA502PXS	CA502MXS	CA502SXS	CA502PAXS
Small	CA502PS	CA502MS	CA502SS	CA502PAS
Small/Medium	CA502PSM	CA502MSM	CA502SSM	CA502PASM
Medium	CA502PM	CA502MM	CA502SM	CA502PAM
Medium/Large	CA502PML	CA502MML	CA502SML	CA502PAML
Large	CA502PL	CA502ML	CA502SL	CA502PAL
X Large	CA502PXL	CA502MXL	CA502SXL	CA502PAXL
CA503 Toilet Access with high back				
P1	CA503PP1	CA503MP1	CA503SP1	CA503PAP1

P2	CA503PP2	CA503MP2	CA503SP2	CA503PAP2
P3	CA503PP3	CA503MP3	CA503SP3	CA503PAP3
P4	CA503PP4	CA503MP4	CA503SP4	CA503PAP4
P5	CA503PP5	CA503MP5	CA503SP5	CA503PAP5
X Small	CA503PXS	CA503MXS	CA503SXS	CA503PAXS
Small	CA503PS	CA503MS	CA503SS	CA503PAS
Small/Medium	CA503PSM	CA503MSM	CA503SSM	CA503PASM
Medium	CA503PM	CA503MM	CA503SM	CA503PAM
Medium/Large	CA503PML	CA503MML	CA503SML	CA503PAML
Large	CA503PL	CA503ML	CA503SL	CA503PAL
X Large	CA503PXL	CA503MXL	CA503SXL	CA503PAXL
CA503E Toilet Access with high back extensor				
X Small	CA503EPXS	n/a	n/a	n/a
Small	CA503EPS	n/a	n/a	n/a
Medium	CA503EPM	n/a	n/a	n/a
Large	CA503EPL	n/a	n/a	n/a
X Large	CA503EPXL	n/a	n/a	n/a
CA600 Hammock				
P1	CA600PP1	CA600MP1	CA600SP1	CA600PAP1
P2	CA600PP2	CA600MP2	CA600SP2	CA600PAP2
P3	CA600PP3	CA600MP3	CA600SP3	CA600PAP3
P4	CA600PP4	CA600MP4	CA600SP4	CA600PAP4
P5	CA600PP5	CA600MP5	CA600SP5	CA600PAP5
X Small	CA600PXS	CA600MXS	CA600SXS	CA600PAXS
Small	CA600PS	CA600MS	CA600SS	CA600PAS
Small/Medium	CA600PSM	CA600MSM	CA600SSM	CA600PASM
Medium	CA600PM	CA600MM	CA600SM	CA600PAM
Medium/Large	CA600PML	CA600MML	CA600SML	CA600PAML
Large	CA600PL	CA600ML	CA600SL	CA600PAL
X Large	CA600PXL	CA600MXL	CA600SXL	CA600PAXL
CA700 Classic Hammock				
P1	CA700PP1	CA700MP1	CA700SP1	CA700PAP1
P2	CA700PP2	CA700MP2	CA700SP2	CA700PAP2
P3	CA700PP3	CA700MP3	CA700SP3	CA700PAP3
P4	CA700PP4	CA700MP4	CA700SP4	CA700PAP4
P5	CA700PP5	CA700MP5	CA700SP5	CA700PAP5
X Small	CA700PXS	CA700MXS	CA700SXS	CA700PAXS
Small	CA700PS	CA700MS	CA700SS	CA700PAS
Small/Medium	CA700PSM	CA700MSM	CA700SSM	CA700PASM
Medium	CA700PM	CA700MM	CA700SM	CA700PAM
Medium/Large	CA700PML	CA700MML	CA700SML	CA700PAML
Large	CA700PL	CA700ML	CA700SL	CA700PAL
X Large	CA700PXL	CA700MXL	CA700SXL	CA700PAXL
CA701 Deluxe Hammock				
P1	CA701PP1	CA701MP1	CA701SP1	CA701PAP1

P2	CA701PP2	CA701MP2	CA701SP2	CA701PAP2
P3	CA701PP3	CA701MP3	CA701SP3	CA701PAP3
P4	CA701PP4	CA701MP4	CA701SP4	CA701PAP4
P5	CA701PP5	CA701MP5	CA701SP5	CA701PAP5
X Small	CA701PXS	CA701MXS	CA701SXS	CA701PAXS
Small	CA701PS	CA701MS	CA701SS	CA701PAS
Small/Medium	CA701PSM	CA701MSM	CA701SSM	CA701PASM
Medium	CA701PM	CA701MM	CA701SM	CA701PAM
Medium/Large	CA701PML	CA701MML	CA701SML	CA701PAML
Large	CA701PL	CA701ML	CA701SL	CA701PAL
X Large	CA701PXL	CA701MXL	CA701SXL	CA701PAXL
CA701 Deluxe Hammock with head support				
P1	CA701HSPP1	CA701HSMP1	CA701HSSP1	CA701HSPAP1
P2	CA701HSPP2	CA701HSMP2	CA701HSSP2	CA701HSPAP2
P3	CA701HSPP3	CA701HSMP3	CA701HSSP3	CA701HSPAP3
P4	CA701HSPP4	CA701HSMP4	CA701HSSP4	CA701HSPAP4
P5	CA701HSPP5	CA701HSMP5	CA701HSSP5	CA701HSPAP5
X Small	CA701HSPXS	CA701HSMXS	CA701HSSXS	CA701HSPAXS
Small	CA701HSPS	CA701HSMS	CA701HSSS	CA701HSPAS
Small/Medium	CA701HSPSM	CA701HSMSM	CA701HSSSM	CA701HSPASM
Medium	CA701HSPM	CA701HSMM	CA701HSSM	CA701HSPAM
Medium/Large	CA701HSPML	CA701HSMML	CA701HSSML	CA701HSPAML
Large	CA701HSPL	CA701HSML	CA701HSSL	CA701HSPAL
X Large	CA701HSPXL	CA701HSMXL	CA701HSSXL	CA701HSPAXL
CA702 Comfort In Chair Hammock				
P1	CA702PP1	CA702MP1	CA702SP1	CA702PAP1
P2	CA702PP2	CA702MP2	CA702SP2	CA702PAP2
P3	CA702PP3	CA702MP3	CA702SP3	CA702PAP3
P4	CA702PP4	CA702MP4	CA702SP4	CA702PAP4
P5	CA702PP5	CA702MP5	CA702SP5	CA702PAP5
X Small	CA702PXS	CA702MXS	CA702SXS	CA702PAXS
Small	CA702PS	CA702MS	CA702SS	CA702PAS
Small/Medium	CA702PSM	CA702MSM	CA702SSM	CA702PASM
Medium	CA702PM	CA702MM	CA702SM	CA702PAM
Medium/Large	CA702PML	CA702MML	CA702SML	CA702PAML
Large	CA702PL	CA702ML	CA702SL	CA702PAL
X Large	CA702PXL	CA702MXL	CA702SXL	CA702PAXL
CA702 Comfort In Chair Hammock with head support				
P1	CA702HSPP1	CA702HSMP1	CA702HSSP1	CA702HSPAP1
P2	CA702HSPP2	CA702HSMP2	CA702HSSP2	CA702HSPAP2
P3	CA702HSPP3	CA702HSMP3	CA702HSSP3	CA702HSPAP3
P4	CA702HSPP4	CA702HSMP4	CA702HSSP4	CA702HSPAP4
P5	CA702HSPP5	CA702HSMP5	CA702HSSP5	CA702HSPAP5
X Small	CA702HSPXS	CA702HSMXS	CA702HSSXS	CA702HSPAXS
Small	CA702HSPS	CA702HSMS	CA702HSSS	CA702HSPAS

Small/Medium	CA702HSPSM	CA702HSMSM	CA702HSSSM	CA702HSPASM
Medium	CA702HSPM	CA702HSMM	CA702HSSM	CA702HSPAM
Medium/Large	CA702HSPML	CA702HSMML	CA702HSSML	CA702HSPAML
Large	CA702HSPL	CA702HSML	CA702HSSL	CA702HSPAL
X Large	CA702HSPXL	CA702HSMXL	CA702HSSXL	CA702HSPAXL
CA703 Split Leg In Chair Hammock				
P1	CA703PP1	CA703MP1	CA703SP1	CA703PAP1
P2	CA703PP2	CA703MP2	CA703SP2	CA703PAP2
P3	CA703PP3	CA703MP3	CA703SP3	CA703PAP3
P4	CA703PP4	CA703MP4	CA703SP4	CA703PAP4
P5	CA703PP5	CA703MP5	CA703SP5	CA703PAP5
X Small	CA703PXS	CA703MXS	CA703SXS	CA703PAXS
Small	CA703PS	CA703MS	CA703SS	CA703PAS
Small/Medium	CA703PSM	CA703MSM	CA703SSM	CA703PASM
Medium	CA703PM	CA703MM	CA703SM	CA703PAM
Medium/Large	CA703PML	CA703MML	CA703SML	CA703PAML
Large	CA703PL	CA703ML	CA703SL	CA703PAL
X Large	CA703PXL	CA703MXL	CA703SXL	CA703PAXL

Table 6

5.3 Connecting the Handset to the Hoist

A sturdy ladder or steps may be required in order to access the underside of the Hoist to attach the hand controller. Caution should be used when this is required.

Should the cord that connects the hoist to the hand controller become disengaged from the underside of the hoist it must be re-connected in order for the Hoist to work.

The hand controller may become disconnected for the following reasons:

a. The Hoist is pulled along the track by the hand controller.
b. The hand controller cord 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.

A connection plug located at the end of the hand controller wire will make the connection to the Hoist via mating together of the male and female sockets from the hand controller to the hoist itself.

To attach the Handset, align the groove circled in the image in the same orientation shown. The groove will be perpendicular to the front face of the Hoist. If the alignment is not perfect, slowly rotate the handset until you feel the plug locating into the socket.
The Electrical handset is connected to a female connector located on the underside of the hoist.

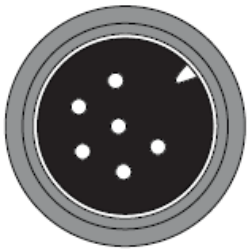


Figure 26

Handset controller connector



Figure 27

Hoist connector

The orientation of the socket pins – this will only fit into the hoist socket in one position – once aligned press the connection home

When the profile of the two mating parts are aligned. Push the handset connector upward into the port until it is fully located. (Figure 28)
To fully secure the handset, twist the threaded lock on the handset connector until it is fully closed. (Figure 29)

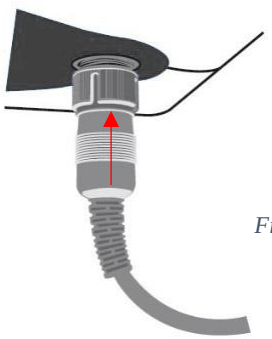


Figure 28

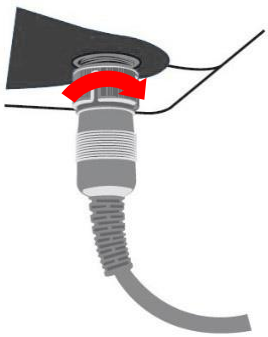


Figure 29

Perform a brief test to ensure proper connectivity. Turn the Hoist ON and OFF and also use the hand controller to raise and lower the carry bar. If these functions all work correctly, then the hand controller is correctly installed to the hoist.

If the Hoist does not work as expected after connection of the hand controller to the device, then please check firstly that the unit has power to operate. This will be indicated by the LED indicator status on the unit.

To remove the handset, follow the procedure above in reverse.

6.0 Hoist Operation



6.1 Turning the Hoist ON and OFF

To operate the Hoist, it must first be turned ON via the "ON" cord on the Hoist itself (see figure 30). The cord operates a toggle switch within the Hoist. Pressing the toggle switch upward will turn the hoist ON, while pulling the cord down will turn the Hoist OFF. On the side cover of the Hoist, the LED's will turn GREEN to indicate that power is available. The hand controller will "wake up" once any functionality button is pressed.

To conserve battery, the Hoist will automatically shut off after approximately two minutes of non-use.

If the batteries of the Hoist are low and require charging, the LED indicator lights located on the hoist will flash yellow (see LED status indications further in the user manual) depending upon the level of discharge and an audible buzzing alarm will sound when the level gets critical until charging takes place.

6.2 Raising and lowering the carry bar

By pressing the UP or the DOWN arrow button on the handset, the carry bar can be raised or lowered to the correct height for attaching the sling or positioning an individual. The UP/DOWN functions of the handset buttons are in relation to the travel of the Hoist. That is, the grey button at the top end of the handset activates the UP motion of the carry bar and the Green button activates the DOWN motion (Figure 31). The Red Button is the Emergency Lowering function. This should only be used in an emergency when the normal functions cannot lower the patient during a lift. The Hoist cover also provides these abilities, with the same colour coding performing these functions.

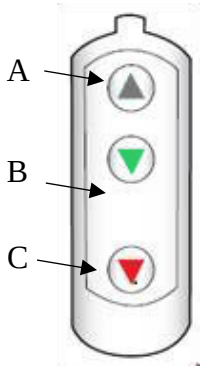


Figure 31

Shown in the image opposite are the 3 functions of the hand controller for the hoist.

A. "UP" when pressed
B. "DOWN" when pressed
C. "EMERGENCY LOWER" when pressed

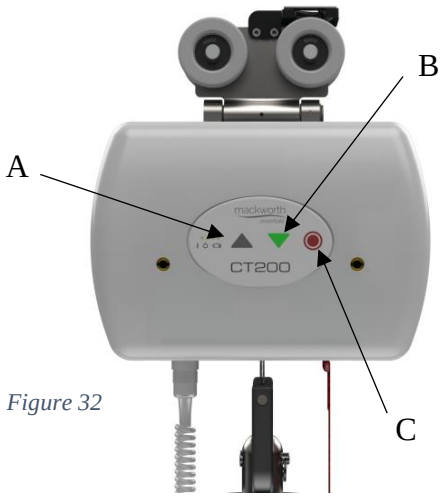


Figure 32



Figure 33

It is recommended that the operator hold the carry bar with one hand while raising/lowering is being done. This will stop the bar accidentally swaying and/or coming into contact with an individual or close object.
For the same reasons, raise the carry bar above head height when not in use and when traversing the unloaded hoist.

6.3 Moving the Hoist along the track system

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, damage to the hoist and/or to the obstruction.

After use, the hoist should be located at the correct end of the track system for re-charging.

When needed, the hoist should be moved along the track using the following appropriate method:

To Traverse the Hoist, you must first lower the carry bar to an appropriate height to hold onto with both hands.
Then the user must hold the carry bar with both hands either side of the lift tape, and push or pull the Hoist along the track in the intended direction of travel to the required destination.
This process applies when moving the Hoist with and without a patient in the sling.
When there is a patient being transferred, ensure they are at a reasonable height above the ground to ensure they are not being dragged along the floor, or hit any obstructions.
Always ensure the direction of travel is clear of any obstacles.

NEVER pull the Hoist along the track using the handset as this could have a detrimental effect on the performance of the Hoist.

6.4 Handset Storage

The Handset is stored in the handset case provided. The Handset dock will be installed onto the wall at either end of the track system. This dock is also the charging dock for the hoist as it is charged through the handset (depending on hoist type). To store the handset after use, traverse the Hoist back to its charging location and dock the handset into the handset dock. At the end of each use of the Ceiling Track Hoist, the handset should be returned to the dock.



Figure 34

To place the Handset into the dock correctly, the front face of the handset will face the wall with the attachment hook facing away. The handset should slot into the dock nicely. For further details see “Handset Charging”. Always ensure that the handset is stored in the correct orientation as shown in the image. This ensures that the handset complies with the standards stated in section 7.4.

The handset can also be stored onto the carry bar as a secondary storage option. Always ensure that the orientation remains the same.

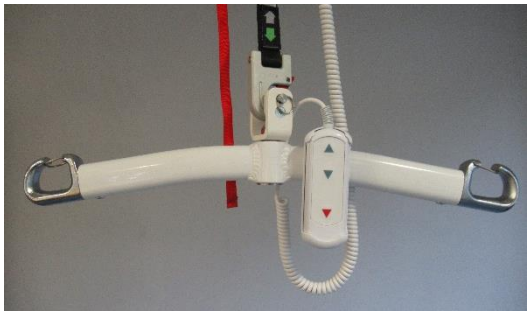


Figure 35

6.5 Charging the Hoist

6.5.1 Handset Charging

The CT Hoist has the option of handset charging. A charging dock should have been fitted onto the wall nearby, usually at the end of the ceiling track system.

The Charging Dock is also used as a handset hook, meaning at the end of each use of the hoist, the hoist should be traversed to the charging docks location and the handset should be placed into the charging dock for placement and charging.
This will ensure that the batteries are charged on a regular basis for peak performance and maximum life expectancy. The hoist may remain connected to the charger indefinitely because the hoist has a built-in regulator, removing the danger of overcharging.

To charge the Hoist, you must first open the small blue bung at the base of the handset to open the charging port. Then you must place the handset into the charging dock as shown in the figures below. The handset front face will be facing towards the wall with the attachment hook facing away. Slide the handset all the way into the dock and carefully push until the dock has attached to the handset port.
To ensure the Hoist is charging, check the LED's on the Cover are showing, charging or charged.



Figure 36


Figure 37


Figure 38


Figure 39

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

When Charging has completed, ensure that the Blue rubber bung at the base of the handset is inserted back into the charging port. This ensures that the stated IP compliance of the handset is maintained.

6.5.2 In Track Charging

The CT Hoist has the option of in track charging. This is charged by the charging dock installed in the track. A charging dock should have been fitted during the installation of the Hoist.

To Traverse the CT simply manually traverse the Hoist along the track to the charging dock at the far end of the track. Once the Hoist has made contact, it should begin charging immediately. The LED will begin to flash green when charging, (see LED status indications further in the user manual)

At the end of each use of the Hoist, it is recommended that it be returned to the charging dock for placement and charging. This will ensure that the batteries are charged on a regular basis for peak performance and maximum life expectancy.


Figure 40

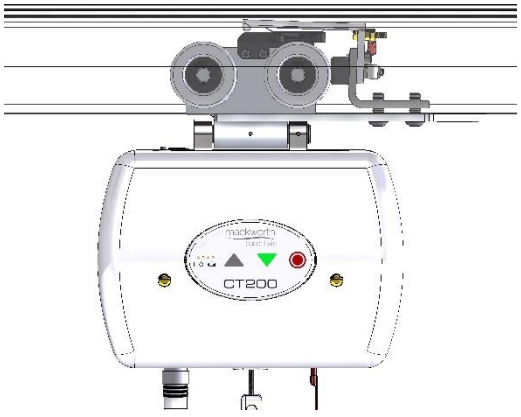


Figure 41

6.6 Emergency Operation

6.6.1 Emergency stopping

The Hoist unit has an emergency shut-off feature that allows the operator to cut all power from the Hoist.

By pulling the power cord hanging down from the bottom cover of the Hoist, all powered functions of the Hoist will cease immediately. (Figure 42)



Figure 42

Once the Emergency Stop has been used, the Hoist unit will need to be reset in order to operate again. Contact your local authorised dealer to reset the Hoist – contact details are on the last page of this manual.

Once reset, simply press any button on the handset to resume power.

6.6.2 Emergency lowering

In the event that the DOWN button on the handset does not function, or in power failure situations, the person may be lowered by Pressing down and HOLDING the red buttons. The emergency button's is located on the handset and also on the Hoist membrane switch panel. (Figure 43 and Figure 44)

Press and hold down on the emergency button (either one which you have chosen) until the person is safely lowered to the desired position. The unit will continue beeping until the red button is released.
NOTE: The emergency lowering function does not provide a lifting function. The Emergency Lower should only be used in an emergency, such as lowering a patient due to damaged handset etc.

Once the emergency button is released, contact your local authorised dealer to report the emergency and where applicable, an approved trained professional may be sent out to solve the issue with the Hoist. Do not continue to use the Hoist after using the emergency lower function before contacting the local authorised dealer. (See the last page of this manual for contact details).



Figure 43



Figure 44

7.0 Technical Specification

7.1 Hoist Dimensions and Lifting Range

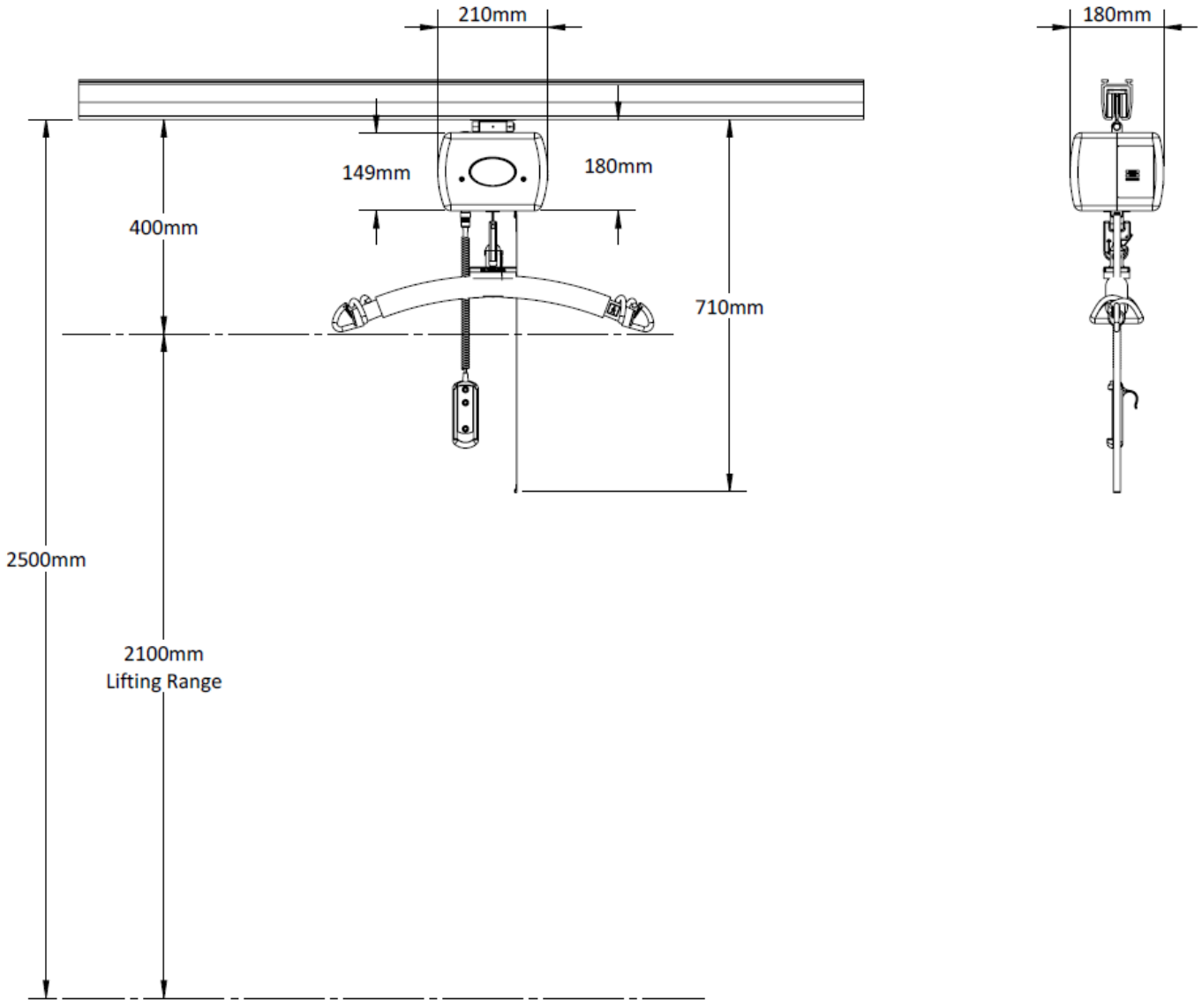


Figure 45

The diagram above (Figure 45) shows the relevant lifting ranges and dimensional sizes of the Hoist. The direction of travel can only be made within the boundaries of where the hoist is in the track system.

There are no necessary modifications required for the device to perform its intended use. However, should the device or the installed system require modification, please consult your local Prism Medical UK dealer to arrange a date and time to assess the required changes to the system.

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

7.2 Specifications

Specifications	
Hoist Motor	24VDC
Charger Input	100-240V AC 50/60Hz 1.5A
Charger Output	24VDC/1.0A
Batteries	24 V dc (2 x 12V) 3.3Ah Nimh
Hoist Case	Flame Retardant ABS
Hoist Case Degree of Protection	IP20
Handset Degree of Protection	IP24
Lifting Capacity (SWL)	200 kg / 130 kg
Lifting/Range	2100mm Lift
Operation	Handset (Electrical)
Sound Level	54 dB
Lifting Speed (0 kg)	30.86 mm/s
Lifting Speed (50kg)	28.67 mm/s
Lifting Speed (100kg)	27.66 mm/s
Lifting Speed (130kg)	25.38 mm/s
Lifting Speed (200kg)	20.86 mm/s
Lowering Speed (0kg)	27.02 mm/s
Lowering Speed (50kg)	34.72 mm/s
Lowering Speed (100kg)	35.21 mm/s
Lowering Speed (130kg)	36.04 mm/s
Lowering Speed (200kg)	37.93 mm/s
Raising/Lowering Duty Cycle	15% use, 85% rest (90 seconds use, 510 seconds rest)
Maximum Charging Time	8.5 hrs
Battery Capacity – Raising/Lowering (Top 500mm / 19.69” of Lift Tape) – (100kg)	120 Lifts
Battery Capacity – Raising/Lowering (Top 500mm / 19.69” of Lift Tape) – (130kg)	100 Lifts
Battery Capacity – Raising/Lowering (Top 500mm / 19.69” of Lift Tape) – (200kg)	60 Lifts

Table 7

Weights	
Safe Working Load (SWL)	200 kg / 130 kg
Hoist	4.5kg
Battery charger	0.5kg
Carry bar	2kg
Handset	0.2kg

Table 8

Operational Forces	
Handset	4N
Emergency Button	4N
Hook locking mechanisms on lift tape	2.5N
Spring clips on carry bar	8N
Manually traversing fully loaded hoist (SWL)	97N
Manually traversing unloaded hoist (No weight)	6N

Table 9

7.3 Expected Product Lifetime

Ten years depending usage and compliance to maintenance, servicing and LOLER inspections.

Serviceable parts within this period are batteries and the lift tape. Batteries should have an expected service life of >400 discharge cycles, dependant on the charging routine. The lift tape should have an expected service life of 2 years if used correctly but visual inspection should be carried out before use.

7.4 Standards Applied

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

- EN 10535:2006 Hoists for the transfer of disabled persons. Requirement and test methods
- EN 60601-1-1:2006 +A12:2014 Medical electrical equipment. General requirements for basic safety and essential performance
- EN 60601-1-2:2015 Medical electrical equipment. General requirements for basic safety and essential performance. Collateral Standard. Electromagnetic disturbances. Requirements and tests
- EN 60601-1-6:2010 Medical electrical equipment. General requirements for basic safety and essential performance
- EN 60601-1-11:2015 Medical electrical equipment. General requirements for basic safety and essential performance

8.0 Environmental - Storage and Operating Conditions

The Hoist is intended for internal use within normal environmental conditions.



It is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity during intended use.

- Lint – Due to the nature of the CT Hoist being installed closely to the ceiling, very little lint would be likely to gain access into the hoist's workings. The hoist is recommended as per Service Guide to be wiped cleaned during every hoist inspection.

- Dust – Due to the nature of the CT Hoist being installed closely to the ceiling, very little dust would be likely to gain access into the hoist's workings.

- Light – The User controls have been designed to be easily recognisable and the use of bright colours will help the user through all ranges of lighting. The Specification of the hoist dictates that normal use would occur during ambient luminance 50 – 500 lux. Additional as the hoist is designed for indoor use only, if required the user may wish to switch on room lighting.

8.1 Normal operating conditions

+5°C to +40°C (41°F to 104°F) at a relative humidity between 15% to 90% RH, non-condensing but not requiring a water vapour pressure greater than 50hPa and atmospheric pressure between 700hPa to 1060hPa

8.2 Shipping and storage conditions

-25°C to +5°C (-13ºF to 41ºF) with any humidity level.
+5°C to +35°C (41°F to 95°F) at a relative humidity up to 90%.
+35°C to 70°C (95°F to 158°F) non-condensing at a water vapour pressure up to 50hPa.

12 hours are required for the hoist to cool from the maximum storage temperature until ready for its intended use when the ambient temperature is 20°C (68°F).
12 hours are required for the hoist to warm from the minimum storage temperature until ready for its intended use when the ambient temperature is 20°C (68°F).

9.0 Disposal



When the Hoist has completed its life cycle and can no longer perform to its intended use safely the Hoist must be decommissioned by an approved trained professional. The following specifies the importance of correct disposal procedure including local laws and being environmentally friendly.
Please observe the local laws on recycling and respect the current laws for disposal within the community the device is being used within. If there is any uncertainty of the below guidelines, contact your local authorities to determine the proper method of disposal of potentially biohazardous parts and accessories.
The relevant components utilised in the manufacture of the device that can be recycled at the end of the device life are:

Fully recyclables:	Consideration when Recycling:
Chassis	Batteries
Plastic Covers	Wiring Looms – electronics
Metallic Internals – Hub etc.	PCB
Initial packaging of the device (cardboard)	Hand Control
Metallic fixing – Screws etc.	Motors
Plastic Mouldings – Wheels etc.	Lift Tape
Carry Bar	Charger

Table 10

Ensure that this list is used as guidance and that the local laws in the given community overrule the suggested component disposal in the table above.



The product may be contaminated and has to be disinfected before decommissioning.
See section ‘Cleaning’ in the User Manual for details of how to do this.

10.0 Fault Finding

If a problem arises with the Hoist, the Table below will hopefully assist in determining the fault and what actions you can take. If the fault cannot be found or the fault is found and the action guide does not provide a fix (e.g. – a damaged wire would need replacement), contact your local Prism Medical UK authorized dealer immediately, an approved trained professional will be required to repair the Hoist. Contact details can be found on the last page of this manual.

Fault	Action
The Handset has become disengaged from the Hoist, or the Handset buttons are not responding.	Refer to the section 4.3 'Connecting the Handset to The Hoist'. If this does not correct the fault, then contact your local authorised dealer immediately so the hoist can be checked to ensure proper continued operation.
The handset button command is continuously activated – UP, DOWN, E-LOWER.	Turn off the Hoist using the OFF cord by pulling it down. 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 move UP or DOWN even when the handset has been properly connected.	The indicator light on the control panel should be green and show that there is power. If it is not, then pressing any coloured button on the handset to activate the hoist and the indicator light should turn GREEN. If the hoist still does not function, then the batteries may be low and require charging. Refer to the section 5.5 'Charging the Hoist '. Charge the hoist for at least one hour and then try to raise/lower the carry bar. If none of these resolve the fault, DO NOT use the Hoist. Contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation.
The Hoist LED's indicate there is power, but the Hoist does not operate in the DOWN direction.	A built-in detector checks the slackness of the lift tape. This may be sensitive. Apply weight to the carry bar while pressing the DOWN button at the same time. If this corrects the fault 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 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 section 5.5 'Charging the Hoist' and charge the hoist for at least one hour before trying to raise/lower the carry bar. If this does not correct the fault, then contact your local authorised dealer immediately so that the hoist can be checked to ensure proper continued operation.
One side of the lift tape is starting to fray after continued use.	Contact your local authorised dealer immediately so 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 User Manual of the specific piece of equipment in question. If the recommended solution does not correct the fault, then contact your local authorised dealer immediately so that the track component and hoist can be checked to ensure proper continued operation.

Table 11

10.1 LED Display

Should a problem arise with the use of the Hoist review the table below gives an indication as to the status of the device through reference to the LED's shown on the hoist unit.
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 Prism authorized dealer immediately – contact details are provided on the last page of this manual.

LED 1	LED 2	LED 3	LED 4	Buzzer	Function	Action
				No	75% - 100% Battery Capacity	None
				No	50% - 75% Battery Capacity	None
				No	25% - 50% Battery Capacity	None
				No	10% - 25% Battery Capacity	None
				2 Beeps (1 sec apart) x 3 cycles	0% - 10% Battery Capacity	Charge Hoist
				No	Hoist Charging	None
				No	Hoist charged (connected to charger)	None
				2 Beeps (0.5 sec apart)	Upper limit reached	Release Up button
				2 Beeps (1 sec apart)	Lower limit reached	Release Down button
				Solid Beep	Emergency lower Activated	General Information
				No	Hoist Standby/Switched Off	General Information
				1 Beep (1 sec apart) x 2 cycles	Maximum patient load exceeded	Review loading
				No	Motor -Max temperature exceeded	Allow Hoist to cool
				No	Battery - Max temperature exceeded	Allow Hoist to cool
				3 Beeps (0.5 sec apart) x 2 cycles	Motor current delta limit exceeded	Call Engineer Promptly
				4 Beeps (0.5 sec apart) x 2 cycles	Battery voltage delta exceeded	Call Engineer Promptly
				5 Beeps (0.5 sec apart) x 2 cycles	Battery temperature sensor fault	Call Engineer Immediately
				6 Beeps (0.5 sec apart) x 2 cycles	Charging system fault	Call Engineer Immediately
				7 Beeps (0.5 sec apart) x 2 cycles	Motor temperature sensor fault	Call Engineer Immediately
				8 Beeps (0.5 sec apart) x 2 cycles	Limit switch fault	Call Engineer Immediately

Table 12



LED'S are solid
LED's are flashing.

11.0 General Inspection, Maintenance and Cleaning

11.1 Service

No service is to be carried out on the Hoist while transferring a person to reduce the risk of injury.
Service must be completed by a Prism Medical UK authorised trained professional.
Do not attempt to service the product yourself, or warranty is void.

To ensure the safety and continued good function of your Hoist, routine service must be performed on your Mackworth Essentials CT Hoist.
Service should be completed by a Prism Medical UK approved trained professional every 6 months to ensure the products required standard is maintained. The service history of the product should be documented each service in the Service Log at the back of this User Manual.

When the Hoist is serviced, the 6 month service checklist must be completed for the Mackworth Essentials CT Hoist.
Service Manual Document Number: 995008.
Spare Parts Manual Document Number: 992008.
The Service must be completed every 6 months after installation of the Hoist to comply with LOLER Regulations.

The Mackworth Essentials CT has an expected Service Life of 10 Years.

Contact your local authorised Prism Medical UK dealer if you:

- Need more information.
- Have any questions about the use or service of your Hoist.
- Notice any change in the performance.
- Want to report an unexpected occurrence.
- Want to arrange a service.
- Need to ascertain necessary information for replacement parts and components.

Contact details of your local Prism Medical UK dealer are shown on the last page of this manual.

11.2 Inspection

Inspection is to be completed prior to each use by the user of the Hoist.

Should any of the components in the table below fail the inspection, DO NOT use the Hoist.
Contact your local authorized dealer for service – contact details are on the last page of this manual.

Ensure all component inspections in the Table below are completed prior to each use of the Hoist.

Check List before Use:

Component	Service/Inspection required
Generic	Visual inspection of the external of the Hoist. Significant damage that may affect the function of the Hoist along with a clear safety hazard is unacceptable.
	Check the Labelling on the Hoist to ensure they are all still legible, this includes the Serial Number and other important markings. If labels are not legible, then contact your local authorised dealer immediately.
	Check all nuts and bolts that are accessible and visible to see if they are loose, (such as the Carry Bar Hook). If they are not tight or you have concerns, then contact your local authorised dealer immediately.
Emergency Stop Cord	Check the emergency stop cord functionality.
Carry Bar	Inspect the sling looped attachments for any damage, sharp edges and excessive wear.
	Check the carry bar rotates and swings freely, and that there is no build-up of wear.
	Ensure the Spring Clips on the Carry Bar are functional and present.

Lift Tape	Inspect the Hoist Lift Tape for any signs of damage such as fraying, breaking and tearing along its entire length. Ensure to also inspect the stitching on the tape for the same signs of damage.
QRS (Quick Release Hook)	Ensure that the locking device on the QRS is closed when the carry bar is attached.
	Inspect the QRS for damage such as cracking. And ensure that the locking device is functioning correctly.
LED's	Ensure that the LED's are all working correctly prior to use.
Wheels	Ensure the wheels are traversing smoothly in the track before traversing a patient along the system. Listen for any unusual noises.
Motor	When raising and lowering the Hoist, with or without load, listen to the motor for any unusual lifting noises. Lower the patient immediately if an unusual noise is present.
Handset	Ensure the Handset is functional, ensure the connection to the Hoist is correct and that all the buttons are working before operation with a patient.

Table 13

11.2.1 Lift Tape caution

The image (Figure 46) indicates a badly worn lift tape due to an acumination of events the Hoist has operated under.



Figure 46

Whilst a tape in this condition provides no immediate danger, the Hoist should not be used until a service agent can replace the damaged tape.

The visual checks that must be performed before each use will make the operator aware of a tape degrading. Any damage should prompt the operator to cease use and seek a replacement.

11.3 Cleaning

Please follow the cleaning guidelines below on cleaning and disinfecting the Hoist.

11.3.1 General Cleaning

It is recommended to clean the Hoist and accessories before use by a different person, reducing the risk of cross–contamination.

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.

For the Handset and Lift Tape, use a dry cloth wipe only.

Care should always be taken when cleaning around electrical components to reduce the risk of electric shock or damage to the hoist.

11.3.2 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 health care industry) is recommended.



Follow the manufacturer's safety instructions 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.

Application is through a clean damp cloth applied to wipe the device down. Use 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.

Dilution chart					
Product used as	**Device condition**	**Concentration (ppm)**	**Dilution qty* (l)**	**Tablets per 1l (0.26gal)**	**Contact time (minutes)**
Bactericidal	Clean	200	5 (1.32gal)	1	1
	Dirty	1000	1 (0.26gal)	1	5
Yeasticidal	Clean	200	5 (1.32gal)	1	1
	Dirty	1000	1 (0.26gal)	1	5
Fungicidal	Clean	2000	1 (0.26gal)	2	15
	Dirty	5000	1 (0.26gal)	5	15
Mycrobactericidal	Clean	1000	1 (0.26gal)	1	15
	Dirty	5000	1 (0.26gal)	5	15
Virucidal	Clean	500	2 (0.53gal)	1	5
	Dirty	1000	1 (0.26gal)	1	5
Sporcidal (C.Diff)	Clean	1000	1 (0.26gal)	1	10
	-	-	-	-	-
Sporcidal	Clean	5000	1 (0.26gal)	5	10
	-	-	-	-	-

*** Dilution is made with water. DO NOT dilute within any other medium.**

- **When diluted in water, one tablet gives 1000ppm of available chlorine.**
- **The concentration of the solution depends upon whether the object being cleaned is noticeably dirty (indicated in the table by "Device condition".**

Table 14

Handling and storage safety precautions when using this cleaning agent:

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.

Conditions for safe storage, including and incompatibilities



Keep out of reach of children.
Keep container tightly closed.
Store in suitable labelled containers.
Storage temperature: 0-25°C (32-77°F).

Individual protective measures

Hand protection: Gloves

Dissolve

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

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

12.0 Warranty

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

1. Prism guarantees the CT, supplied as new, against failure within the period of 12 months from the date of purchase by virtue of defects in material or workmanship.

2. The liability of Prism 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. In no event shall Prism incur liability for any consequential or unforeseeable losses.

3. This equipment guarantee shall be void if the equipment is not serviced by Prism or its authorized agents, in accordance with manufacturer's recommendations, or if any unauthorized 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.

5. Do not attempt to service the product yourself, or warranty is void.

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

13.0 Service Record History

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

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

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

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

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

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Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

Date: _____ **Time:** _____

Service Type: ☐ Periodic inspection ☐ Monthly inspection ☐ 6-month inspection ☐ Repair ☐ Yearly inspection ☐ Other

Completed by: ..... (*printed name*). ..... (*signature*)

Company: .....

Remarks & Action Taken:

Device left in a safe usable condition: YES. ☐ NO ☐ (if "NO" explain in remarks the action taken)

User notes:

Dealer contact details:

Prism Medical UK Contact details:

Address: Unit 1• Tir Llwyd Industrial Estate • St Asaph Avenue • Kinmel Bay • Conwy • LL18 5JZ

Telephone Number: 01924 840 100

Disclaimer

While every effort has been made to ensure the accuracy of information contained in this assembly and installation manual, no liability can be accepted by Prism Medical UK for any errors or omissions. Prism Medical UK operates a policy of continuous improvement. Specifications and other data are subject to change without notice.

mackworth essentials

Unit 1• Tir Llwyd Industrial Estate • St Asaph Avenue •
Kinmel Bay • Conwy • LL18 5JZ