

PRISM MEDICAL UK

SA160C STAND AID



USER GUIDE

PRISM MEDICAL UK

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Prism Medical UK Ltd would like to thank you for purchasing the SA160C stand aid.

Purpose:

The SA160C is a standing transfer aid for home care, acute care and residential care. Due to the easy manoeuvrability and handling of the SA160C it can be used by one person, subject to a risk assessment.

The SA160C may be used to assist individuals from sitting to standing, transporting and walking. All of the above should only be done following a risk assessment of the person being moved to assess their ability and safety using the equipment.

CAUTION

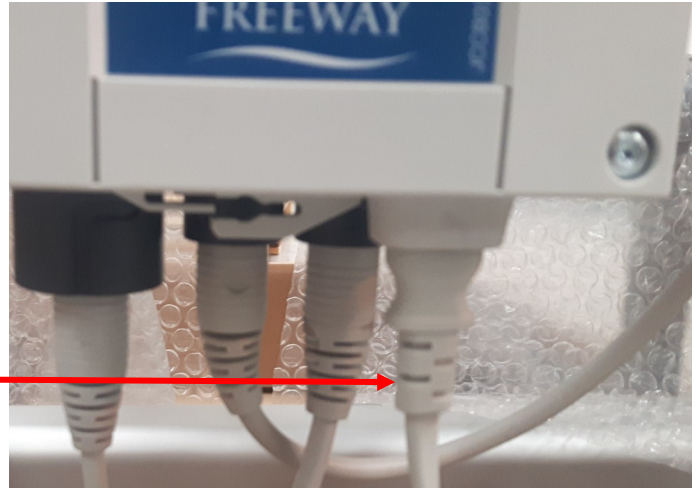
Please read the instructions thoroughly before using this equipment.

Contents

Delivery and Unpacking	page 3
Parts.....	page 4
Operation of the Electrical parts.....	page 5
Operation of the Mechanical parts.....	page 7
General Operations and use.....	page 7
Technical Specification	page 8
Fault Finding / Maintenance	page 9
Service / Maintenance	page 9
Cleaning, Disinfection and Sterilisation.....	page 9
Guarantee.....	page 10

Delivery and Unpacking of the SA160C Stand aid

The Stand aid has been delivered to you as a complete hoist unit, so no assembly is required. However, you may need to charge the battery before using the hoist. If so, connect the charger unit to the control box and mains, ensure that the Emergency stop is in the out position and allow the battery to recharge for 2 hours prior to use.



WARNING

Take care whilst removing the SA160C as the hoist weight is 40Kgs and may need two people to remove from its packaging

Stand Aid Parts

1 Hooks to secure the belt loops

2 Lifting arm

3 Actuators

4 Battery Box

5 Braked wheels

6 Hand control

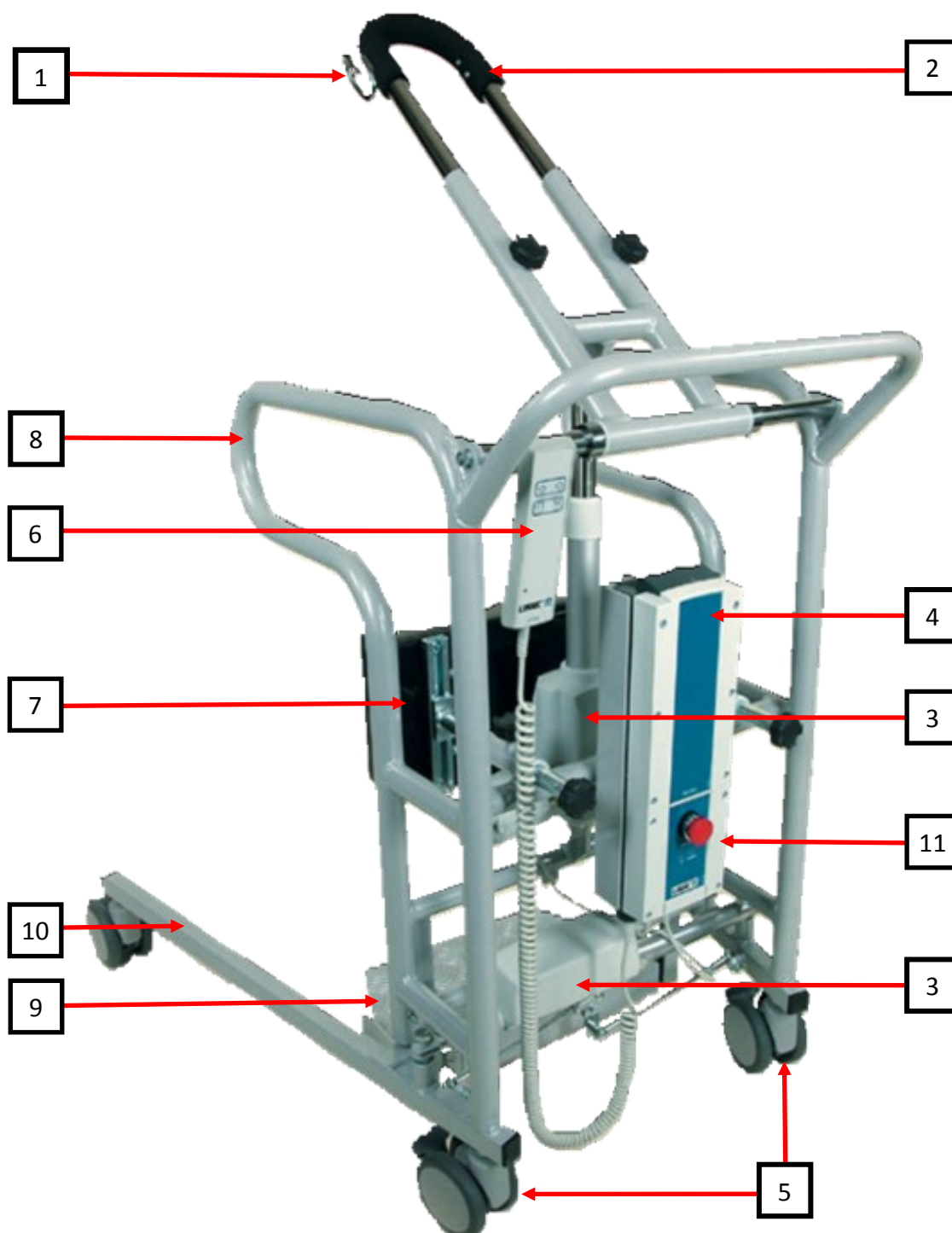
7 Knee Pad unit

8 Frame

9 Footplate

10 Legs (width adjustable)

11 Control unit incl. emergency stop button



Operation of the Electrical parts

Handset Controls

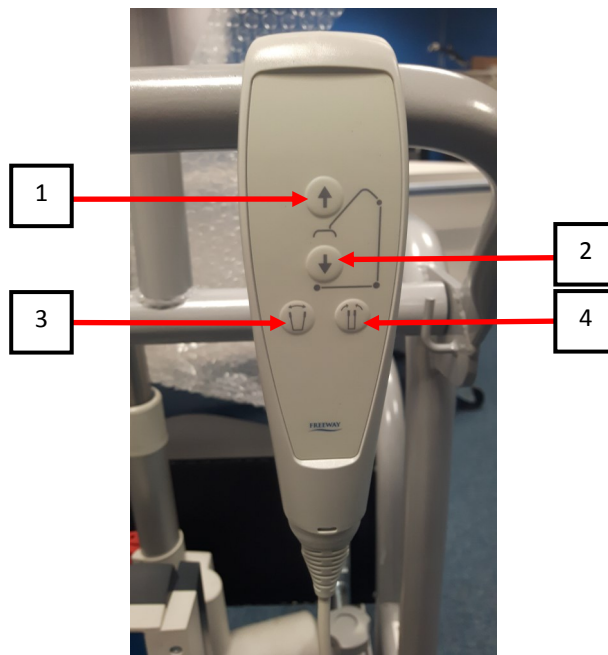
The handset operates 4 functions on the hoist unit.

They are:

1. Raises the lifting arm
2. Lowers the lifting arm
3. Opens the legs on the base unit
4. Closes the legs on the base unit

The handset is connected to the control box via a flexible cable. The handset also incorporates a hook which gives the carer flexibility whilst moving / positioning the patient.

Clear and easy to understand button diagrams enable ease of use for the caregiver.



Emergency Lowering / Raising.

Electrical emergency lowering or raising is facilitated by pressing the emergency UP or DOWN arrow button on the front of the control box. Battery MUST be charged, in order to operate via these buttons.

Note : A thin item like a ball point pen will be required to press this button as it is recessed in the case.



Emergency
Raising Button

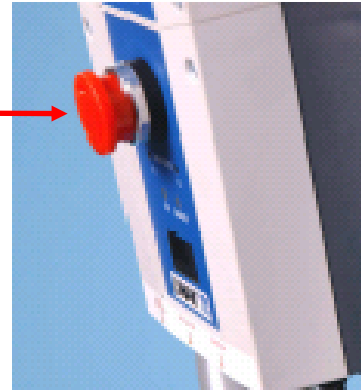
Emergency
Lowering Button

Operation of the Electrical parts - Continued

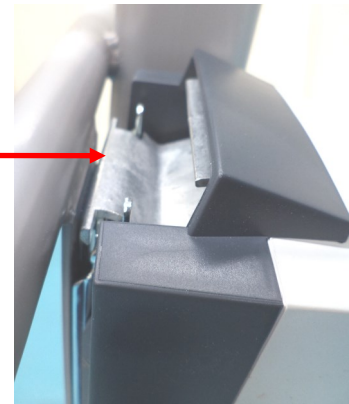
The control unit is already fitted to the hoist, so assembly is not required.

Check the emergency stop button (red button) located on the control box is in the on position (out position).

If the button is pressed in, then hold and rotate the red button clockwise and the button will pop out and the unit will function.

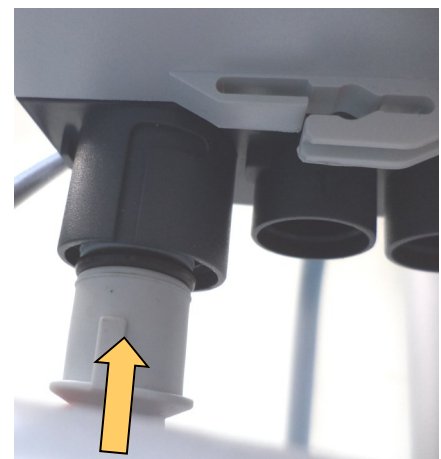


Fit the battery pack to the control box making sure it clicks into position in the top of the bracket, as shown.



Fit the hand control unit to the hand control socket located on the base of the control unit.

NOTE: The hand control lead can only be fitted in one orientation into its socket. Do not use force to insert the hand control into its socket. The plug when correctly inserted should be pushed firmly home.



Emergency Lowering - Mechanical

Manual emergency lowering facilitated by pulling the red knob on the lift actuator upwards, allowing the lifting bar to lower down slowly.

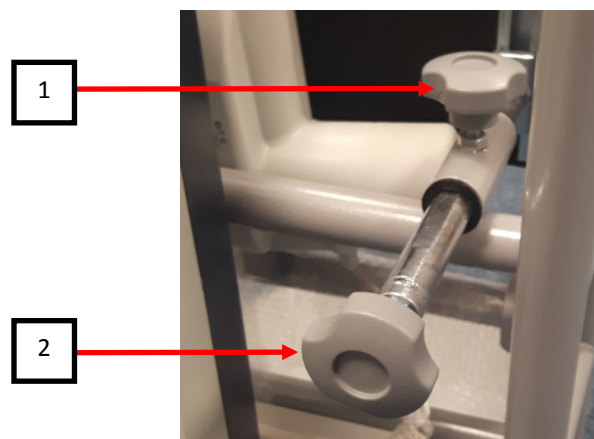


Knee Pad Adjustment

For knee pad adjustment loosen the two screws. Set 1 for depth and set 2 for height.

The footplate can be removed by lifting from the base. When re attaching please ensure it is securely fitted, before using the equipment.

If using the equipment to stand a person onto the floor, the brakes must always be applied.



Operation - General Procedures

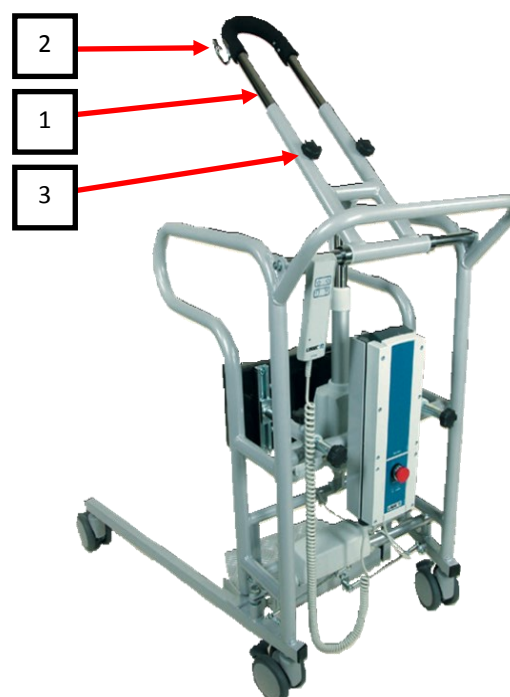
Firstly ensure you select the correct sling size for the person being transferred. The sling should be fitted around the persons stomach / lower back and not around the chest.

Push the SA160C towards the person and apply the brakes.

Extend the carry bar (1) towards the person and attach the relevant slings loops to the hooks (2) Tension the carry bar and lock into position using the two screws (3).

Use the up function on the handset to raise the person into a standing position.

If you are not using the footplate then the brakes must be applied, prior to standing.



TECHNICAL SPECIFICATION

Safe working load	160 Kg / 350lbs / 25 stones
Overall height	1005mm
Overall length	940mm
Width of legs outer measurement	585mm - 970mm
Width of legs inner measurement	435mm - 825mm
Lifting height (Sling hooks)	860mm - 1440mm
Height to top of legs	168mm
Base widening	Electric
Emergency Lowering	Manual & Electrical
Frame	Powder coated steel
Unit weight	40Kg

Electrical Specifications

- Batteries – 2 x 12 volt rechargeable sealed lead acid
- Battery capacity – 2.9 ampere hours
- Charger Input - 230V ac 50/60Hz
- Charger Output – 27.4/29.0V dc @ 0.8A

Electric shock protection-

Charger	Class 2
Hoist	Internal Power Source

Degree of Shock protection -

Charger	Type B
Hoist	Type B

IP Rating -

Control box	IPX4
Handset	IPX4

Fault Finding / Maintenance

Fault Finding

If the hoist will not operate:-

- ENSURE THE BATTERY IS CHARGED AND THAT IT IS ATTACHED CORRECTLY TO THE CONTROL BOX
- ENSURE THAT STOP BUTTON IS IN THE OUT POSITION.
- MAKE SURE THE CHARGING LEAD IS DISCONNECTED FROM THE MAINS POWER SUPPLY
- CHECK THE HANDSET LEAD HAS NOT BEEN PULLED FROM THE CONTROL BOX SOCKET OR WIRES DAMAGED

If the above checks prove unsuccessful, please contact Prism Medical UK.

Tel: 01924 840100

Service / Maintenance

Any works performed on the SA160C Stand aid must be in accordance with the specifications detailed in the test requirements of BS 10535: 2006

You should also consider if the hoist requires servicing in accordance with "LOLER REGULATIONS" (Lifting Operations and Lifting Equipment Regulations 1998).

Cleaning, Disinfection and Sterilisation

- **Routine cleaning:** the exterior of the hoist can be wiped over with a damp cloth containing a mild soap solution.
- **Disinfection and Sterilisation:** the exterior of the hoist should only be, disinfected and sterilised using Isopropyl alcohol. Dampen a cloth with isopropyl alcohol and wipe down the entire exterior of hoist.



DO NOT USE ABRASIVE MATERIALS

DO NOT IMMERSER THE HOIST IN WATER

Guarantee

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

- 1) Prism Medical UK guarantees the SA160 C, 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.

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Disclaimer

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



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