

DreamMaster Light Knee-Break



Installation Guide

Products Covered:

DM400 DreamMaster Light Knee-Break

The DreamMaster Light Knee-Break is only compatible with the DM300 DreamMaster Light Mattress Elevator.

Contents:	Page
Introduction	1
Knee-Break Box Contents	2
Knee-Break installation	2
Using the Knee-Break	4
Technical Specification	5

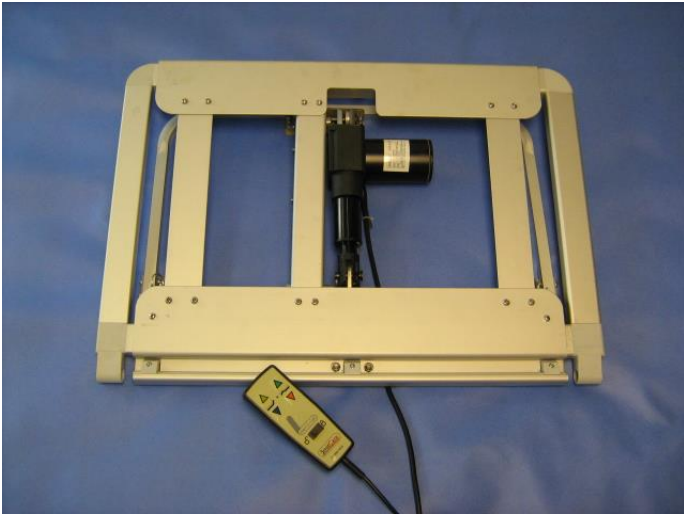
Introduction:

The Knee-Break may be used in conjunction with the DreamMaster Light Mattress Elevator to prevent the user moving down the bed as the backrest elevates, or for enhanced comfort. It is operated independently of the Elevator using the four-button hand control.

Please retain these instructions for future reference

www.smitcare.co.uk

Box Contents



DM400 Knee-Break Light
Box Contents:
DM400 Knee-Break
Four Button Hand Control

Installation

Installation of the DM400 Knee-Break is the same whether it is to be installed on a divan bed or a slatted based bed. These images show a divan bed.

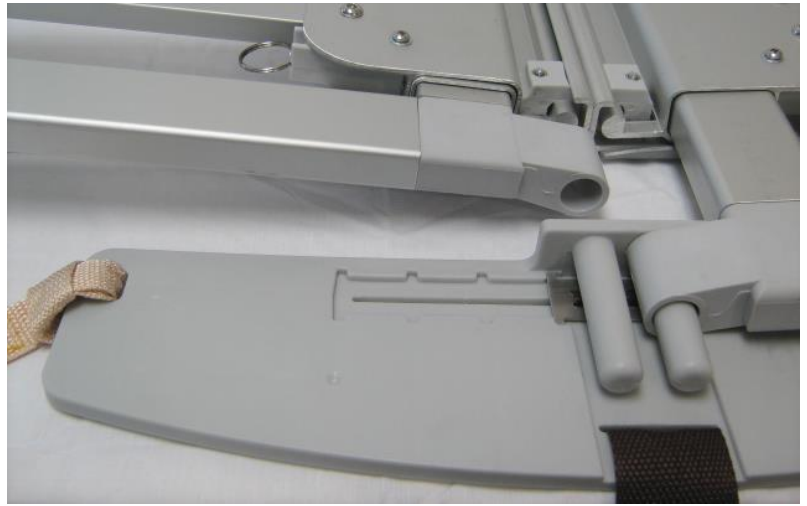
1. The DreamMaster Light Mattress Elevator should already be positioned on the bed, with the trombones adjusted to the correct width and the strap brackets in place.



2. The Knee-Break should be positioned against the Mattress Elevator as shown, with the hinge points of each unit aligned. The cable for the Knee-Break must be led under the frame of the Mattress Elevator, toward the head of the bed.



3. The width adjusting 'trombones' of the Knee-Break adjust in the same way as the Mattress Elevator. Disengage the trombone locking pin and rotate it through a quarter-turn so that it stays released.



4. Extend the trombone past the strap bracket, then retract the trombone so that it locates correctly on the strap bracket. Engage the trombone locking pin. Repeat for the other side of the bed.



5. Return to the Mattress Elevator Installation Instructions to secure the Elevator and Knee-Break to the bed. When instructed to connect the cables to the Transformer Box in the Mattress Elevator instructions, the cables should be connected to the Transformer Box as shown: Knee-Break to the left, Four button Hand Control in the centre, Elevator to the right. The sockets and plugs are colour coded.

Using the DreamMaster Light Knee-Break

The DreamMaster Light Knee-Break has been designed for easy use by clients or carers.

- Using the four-button hand control, when you press the “up” button for the Knee-Break, it will rise until the button is released, or its maximum height is reached.
- To lower the Knee-Break, press the “down” button until the required angle is achieved, or until the minimum position is reached.
- The actuator will switch off automatically when the maximum or minimum angle is achieved.
- The DreamMaster Light Hand Control has a locking switch. This may be used to ensure the unit is not used inappropriately.

Care of the DreamMaster Light Knee-Break

- Visually check the frame for wear or damage.
- Clean with non-abrasive cleaner or disinfectant, for example Isopropyl alcohol at 70% concentration.
- Do not allow moisture to come into contact with any electrical parts.

Advice

- Keep clear of moving parts and make sure there are no obstructions when lowering or raising the frame. In the event of an obstruction, raise or lower the Knee-Break and clear the obstruction.
- Ensure that you have read these instructions and understood them fully, including the glossary of symbols in the bottom of these instructions
- Ensure that you inspect the Knee-Break on a regular basis.
- Do not let children play with the DreamMaster Light or Knee-Break.
- Do not exceed the safe working load of 254kg (40st)

Trouble Shooting

- Check the lock switch on the handset is in the unlocked position.
- Check the mains supply is switched on.
- Check the hand control is plugged in.
- Check the actuator is plugged into the power supply.
- Check the maximum safe working load has not been exceeded.
- Check that it is not fully raised or fully lowered.
- Check the fuse in the mains plug and if necessary replace with 5 amp fuse.

If the above fail to resolve the problem contact our Customer Services department on 01276 677888

Emergency Lowering

- The DreamMaster Light Mattress Elevator and Knee-Break are normally operated by mains power. The unit has the option of a back-up power source in the event of a mains power failure, so that it can be lowered in an emergency. The standby power will not raise the unit. If you wish to use the standby function, two PP3 9 volt alkaline batteries may be attached to the appropriate connections in the transformer box. Remove the cover and insert.
- The batteries must be checked on a regular basis (especially when used) and replaced when necessary, at least every 12 months to avoid possible damage to the power unit.
- The batteries should be tested every month by raising the Mattress Elevator to about half way, turning off the mains and operating the down button for two seconds and checking for movement.
- The Mattress Elevator or Knee-Break will not elevate on the standby power supply.

TECHNICAL SPECIFICATION

Safe Working Load	254 kg (40 stone)
Knee-Break Support Length	476mm
Width Adjustment (inc brackets)	762mm to 1524mm (2'6" to 5")
Minimum height	80mm
Total Boxed Weight	11kg
Knee-Break Weight	9kg
Construction	Aluminium and steel
Knee-Break Elevation Range	5° to 35°
Transformer Box Input Voltage	220/240 v 50Hz
Transformer Box Output Voltage	24v DC 4 A Nominal
Mains Plug Fuse Type	5 amp maximum
Emergency Lowering (optional)	2 x 9 volt PP3 alkaline batteries
Duty Cycle	10% (e.g. 6 minutes per hour)
Warranty period	One year

GLOSSARY



Attention, consult accompanying documents before use.



Refer servicing to servicing personnel only.



Recyclable product.



C.E. Mark



This item should not be discarded into the normal refuse stream. The item should be collected separately through environmentally sound recovery, recycling and diversion from landfill.

**Should you have any queries please contact our customer services department on
01276 677888**

The DreamMaster Light Knee-Break is made in China for:

SmitCare Limited
Unit 14 Camberley Business Centre
Bracebridge, Camberley,
Surrey GU15 3DP
Tel: +44 (0)1276 677888
Fax: +44 (0)1276 691565
Email: sales@smitcare.co.uk
www.smitcare.co.uk

