

**LECKEY<sup>®</sup>**

# Freestander

USER MANUAL





**The Leckey Freestander has been designed to promote weight bearing and mid line symmetry. This manual shows you how you can quickly and easily make use of all of the functions. The instructions on the safety and maintenance of the product will ensure that you will enjoy the use of this product for a long time.**

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## **1 Intended Use**

The Leckey Freestander has been designed for use at home or in school for upright standing. The stander is available in three sizes catering for the needs of children with disabilities from the age of 1-17. The size one having a maximum user weight of 60kgs (132lbs), size two 80kgs (176lbs) and the size three 90kgs (198lbs). Standing can help the normal development of the hips, it will help promote muscle formation, and can help provide psychological well being.

## **2 Declaration of Conformity**

James Leckey Design Ltd. as manufacturer with sole responsibility declares that the Leckey Freestander conforms to the requirements of the 93/42/EEC Guidelines and EN12182 Technical aids for disabled persons. General requirements and test methods.

## **3 Terms of Warranty**

The warranty applies only when the product is used according to the specified conditions and for the intended purposes, following all manufacturers' recommendations (also see general terms of sales, delivery and payment). A two year warranty is provided on all Leckey manufactured products and components.

### **3a. Additional Warranty Information**

For goods provided by Sunrise Medical Pty Ltd in Australia, our goods come with a guarantee by Sunrise that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits to you given by this warranty are in addition to your other rights and remedies under a law in relation to the goods to which the warranty relates.

## **4 Product History Record**

Your Leckey product is classified as a Class 1 Medical device and as such should only be prescribed, set up or reissued for use by a technically competent person who has been trained in the use of this product. Leckey recommend that a written record is maintained to provide details of all setups, reissue inspections and annual inspections of this product.

## **5 Product Training Record (Parents, Teachers & Carers)**

Your Leckey product is a prescribed Class 1 Medical Device and as such Leckey recommend that parents, teachers and carers using the equipment should be made aware of the following sections of this user manual by a technically competent person:

### **Section 6**

Safety Information

### **Section 9**

Frequent Adjustments for Daily use

### **Section 11**

Daily Product Inspection

Leckey recommend that a written record is maintained of all those who have been trained in the correct use of this product.

## 6 Safety information



6.1 Always read instructions fully before use.



6.2 Users should not be left unattended at any time whilst using Leckey equipment.



6.3 Only use Leckey approved components with your product. Never modify the product in any way. Failure to follow instructions may put the user or carer at risk and will invalidate the warranty on the product.



6.4 If in any doubt to the continued safe use of your product or if any parts should fail, please cease using the product and contact our customer services department or local dealer as soon as possible.



6.5 We would recommend that users are never transferred straight from seating to standing without preparation and stretching. This is best done whilst lying on a mat but can be carried out in a wheelchair or seating system if required.



6.6 Carry out all positional adjustments and ensure that they are securely fastened before you put the user into this product.



6.7 When placing the user into a standing frame, for safety reasons, always secure the pelvic band first. The chest and knee straps should then be fastened.



6.8 When the product is stationary ensure that all castors are locked and facing away from the base as this will improve product stability.



6.9 Never adjust the overall height of the Freestander while the frame is in use. Other finer positional adjustments may be carried out safely when the user is in the frame.



6.10 Never leave the product on a sloping surface, greater than 5 degrees. Always remember to lock all the castors.



6.11 The product contains components which could present a choking hazard to small children. Always check that locking knobs and bolts within the child's reach are tightened and secure at all times.



6.12 Leckey products comply with fire safety regulations in accordance with EN12182. However the product contains plastic components and therefore should be kept away from all direct sources of heat including naked flames, cigarettes, electric and gas heaters.



6.13 Do not place hot items on the tray greater than 40 degrees.



14. Clean the product regularly. Do not use abrasive cleaners. Carry out maintenance checks on a regular basis to ensure your product is in good working condition.



15. The product is designed for indoor use and when not in use should be stored in a dry place that is not subjected to extremes of temperature. The safe operating temperature range of the product is +5 to +40 deg Celsius.



# **How to unpack and assemble**

# **7**

## 7.1 Assembling the Freestander

### Check parts

Congratulations on purchasing your Leckey Freestander. When you receive your Freestander it will be boxed and wrapped in several parcels. Your Freestander comes as standard with chest plate including flexible laterals, knee plate, pelvic strap, activity tray and bowl, base with castors, inner poles and sandals.

The Totstander is supplied without castors, tray and with a chest strap instead of a solid chest plate. Carefully remove all the parcels from the box and check you have all the parts you have ordered.



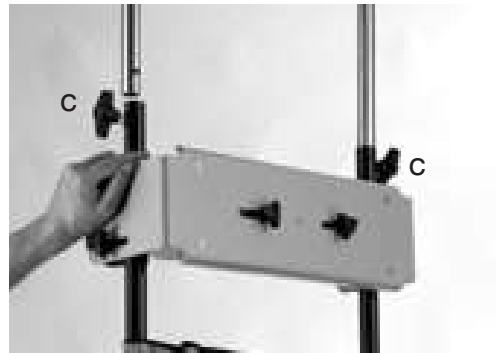
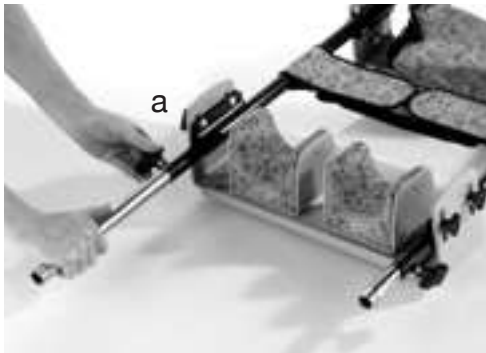
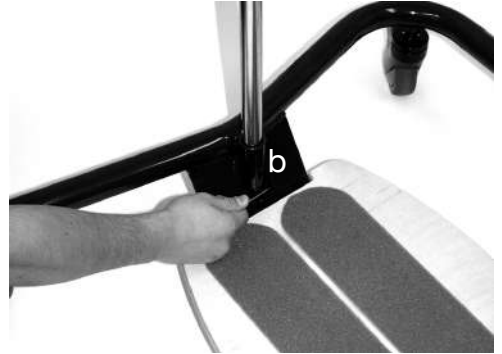
### Safety first

**Keep polythene bags away from children.**

To assemble your Freestander, firstly loosen the height adjustment bolt's (a) on the outer upright poles and remove the inner poles.

Insert the inner poles into place into the receiver tubes on the base castor frame. The allen key provided tighten the two small socket screws on each receiver tube securely (b).

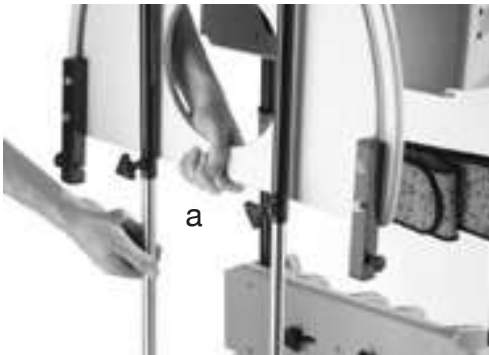
Then slide the main outer frame over the inner poles and tighten the two height adjustment bolts (c) at the desired height.





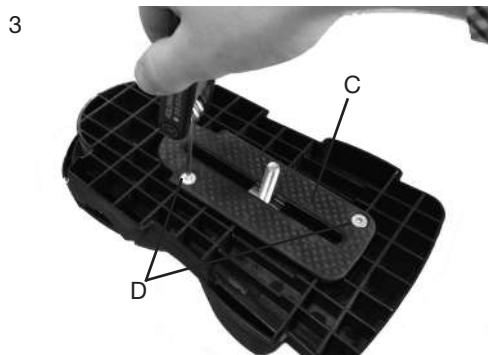
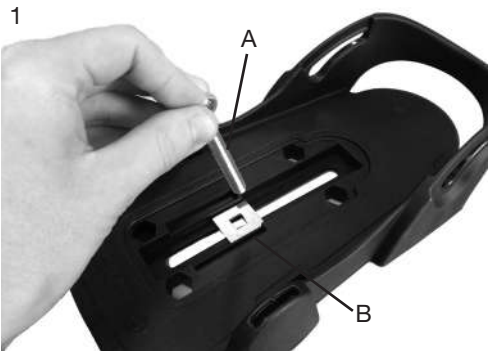
## 7.2 Attaching the Tray

The Freestander tray is attached by sliding the outer poles already attached to the tray over the inner poles already attached to the base and then tightening the bolts (a). The tray is then secured with a tray pin into one of the slots on the side of the frame.

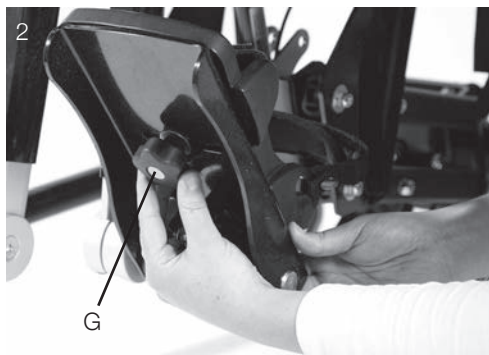
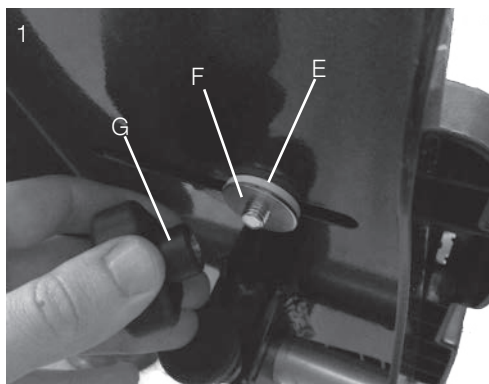


## 7.3 Attaching the sandals

Insert the required attachment bolt (a) along with the retention plate (b). Place a rubber lid (c) on both the top and bottom of the sandal. Fasten using the four screws (d) provided. To remove or replace the attachment bolt, reverse this process.



Place the sandal so that the attachment bolt goes through the slot in the footplate. To secure, on the underside of the footplate place the rubber washer (e), followed by the metal washer (f) and then the knob (g) onto the attachment bolt. To position the sandals simply loosen the knob (g) under the footplate, select the position you require and re-fasten the knob.



# Clinical setup for postural management

The clinical setup of the product should be completed by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend a written record is maintained of all clinical setups for this product.



## 8.1 Adjusting the Chest Plate

You should firstly measure the distance from the user's feet to just under the arms. This is best done were practical in a lying position on a mat. The height between the top of the chest plate and sandals should be set to the equivalent of this distance. This will always be the first adjustment you need to carry out.

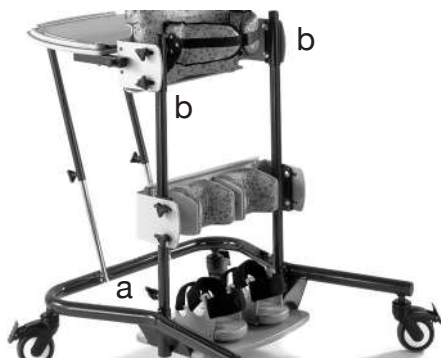
To adjust the height of the chest plate, loosen the bolts (b), adjust to the required position, then re-tighten the bolt (a) securely.

The chest plate has a number of other adjustments that are carried out by loosening the bolts (a) at the side of the chest plate. By loosening these bolts the chest plate can be moved:

1. Forwards and backwards for body profiling.
2. Up and down for finer, last minute adjustments to the height of the chest plate.
3. To angle forwards/down or backwards/up slightly to assist in the positional management of extension or flexion respectively.



**Never attempt to adjust the height of the main frame when the stander is in use.**



## 8.2 Adjusting the knee plate

The knee plate is adjusted in exactly the same way as the chest plate using the bolts (a).



**Always use caution to ensure fingers do not become trapped when adjusting the knee plate.**



## 8.3 Adjusting the knee cups

The knee cups are fixed with the bolts (a) at the front of the knee block. When this bolt is loosened, the knee cup can be moved from left to right and rotated. Once the desired position is obtained the bolt (a) should be re-tightened securely.



**Always use caution to ensure fingers do not become trapped when adjusting the knee cups.**

## 8.4 Adjusting the sandals

To position the sandals simply loosen the knob under the footplate (photo 1), select the position you require and re-fasten the knob. To position the user's feet in the sandals secure the Velcro straps provided so the foot is held in place. The straps should be placed over the bridge of the foot and over the toes. The front strap can be fed through one of two slots on either side of the sandals, depending on the size of the user's feet (photo 2).



**If the child is wearing sandals or light footwear check the straps to make sure the webbing does not irritate the skin.**

1



2



## 8.5 Attaching the Pelvic Band

The pelvic belt should be attached to the user first, again if practical on a mat.

The pelvic straps are attached around the user's pelvis the longer straps are then slipped through the outer poles of the frame and secured firmly behind the user with the Velcro on the belt. To ensure that you can easily identify the strap that goes around the user and the one that attaches to the frame, a Leckey label is sewn on to the one that goes around the frame.



# Frequent adjustment for daily use

Parents and carers should be shown how to make frequent adjustments and made aware of the safety checks in section 6 by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend that a written record is maintained of all parent and carers who have been trained in the use of this product.



## 9.1 Transferring the user into and out of the stander

Before transferring the child into the stander carry out the daily product inspection as outlined in section 11 of this user manual.

Before transferring the child into the product lock all the castors, ensuring that they are facing outwards to maximise product stability. Make sure the straps on the chest, hip support harnesses and sandals are released and out of the way to facilitate transfer.



**Always secure the pelvic band and safety strap first then the chest strap and the users feet.**

## 9.2 Adjusting the Flexible Laterals

The Freestander flexible lateral supports can be adjusted in and out by loosening the bolts (a) on the back of the chest plate. Once these bolts have been loosened, the flexible lateral supports can be adjusted to the required position and once in position the bolts should be re-tightened securely. The flexible laterals also have a small amount of height adjustment. To alter the height loosen the allen bolts (b), position the lateral as required and then re-tighten the allen bolts (b) securely. The flexible lateral supports are secured around the user by tightening the safety strap into position. Fasten the safety strap immediately.



**Always use caution to ensure fingers do not become trapped when adjusting the lateral supports.**





## 9.3 Adjusting the knee cups

The knee cups are fixed with the bolts (a) at the front of the knee block. When this bolt is loosened, the knee cup can be moved from left to right and rotated. Once the desired position is obtained the bolt (a) should be re-tightened securely.



**Always use caution to ensure fingers do not become trapped when adjusting the knee cups.**

## 9.4 Adjusting the sandals

To position the sandals simply loosen the knob under the footplate (photo 1), select the position you require and re-fasten the knob. To position the user's feet in the sandals secure the Velcro straps provided so the foot is held in place. The straps should be placed over the bridge of the foot and over the toes. The front strap can be fed through one of two slots on either side of the sandals, depending on the size of the user's feet (photo 2).



**If the child is wearing sandals or light footwear check the straps to make sure the webbing does not irritate the skin.**

1



2

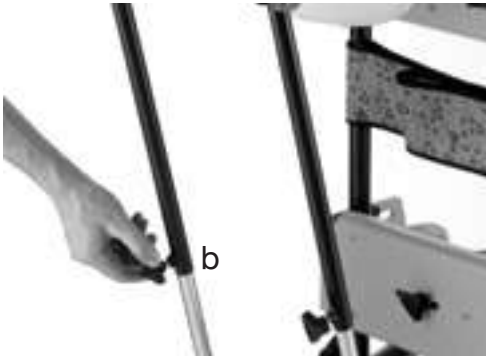


## 9.5 Adjusting the Tray

The tray can be height and angle adjusted by loosening the bolt (a) on the tray poles, adjusting to the required position and then re-tightening the bolts (a) securely. The position of the tray can also be altered in relation to the chest plate. One of three positions (b) can be selected to help facilitate good hand function. The tray will come complete with a tray cover and a bowl meaning that you can use the tray with a flat cover and use the bowl for play activities.

## 9.6 Attaching the Pelvic Band

The pelvic belt should be attached to the user first, again if practical on a mat. The pelvic straps are attached around the user's pelvis the longer straps are then slipped through the outer poles of the frame and secured firmly behind the user with the Velcro on the belt. To ensure that you can easily identify the strap that goes around the user and the one that attaches to the frame, a Leckey label is sewn on to the one that goes around the frame.



# 10 Cleaning & Care Information

## How to Maintain

When cleaning the product we recommend that you use only warm water and a non-abrasive detergent. Never use organic solvents or dry cleaning fluids.

## Upholstery and fabrics

1. The upholstery and fabrics can be cleaned by hand whilst in place. When cleaning we recommend that you use only warm water and a nonabrasive detergent.

2. The best cleaning method is a 'wipe & dry' technique.

3. Staining should be removed as quickly as possible with absorbent cloth, towels or a sponge. Routine soap and warm water sponging is effective for ordinary soiling and minor spills. Be careful not to over wet the fabric, as this will cause the staining to spread.

4 Antiseptic cleaning agents can be used on more stubborn stains. These may require a safe solvent such as Isopropyl Alcohol or Mineral Spirit. A half cup of household bleach to 5 litres of water can also be used as a useful disinfectant.

5 Always ensure the product is dry before use.

## Metal and plastic and wooden components

1. Soap and water or antibacterial spray can be used for daily cleaning.

2. For deep cleaning a low pressure steam cleaner can be used.

3. Do not use solvents to clean plastic wooden or metal components.

4. Make sure the product is dry before use.

5. Check all wooden components regularly to ensure there are no cracks or splitters.

# 11 Daily Product Inspection

## (Therapists, Parents & Carers)

We recommend that daily visual checks of the equipment are carried out by therapists, carers or parents to ensure the product is safe for use. The recommend daily checks are detailed below.

1. Ensure all adjustment knobs and bolts are in place and secure.
2. Check all upholstery for signs of wear and tear.
3. Check all castors are moving freely and lock securely.
4. Check all Velcro strips and brush fluff to ensure straps secure firmly.



**If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer services department or your local dealer as soon as possible.**

# 12 Annual Product Inspection

## (Therapist, Technician, Leckey Product Advisor, Dealer)

Leckey recommend that each product should be subject to a detailed inspection at least once a year and every time the product is reissued for use. This inspection should be carried out by a technically competent person who has been trained in the use of the product and should include the following checks as a minimum requirement.

1. Check all knobs, nuts, bolts and plastic buckles are in place, replacing any missing items. Paying particular attention to the following items;

- Chest and hip height and angle adjustments
- Knee cups adjustment knobs

2. Lift the base to check each castor individually. Make sure they are moving freely and remove any dirt from the rubber wheels. Check that the brakes lock the wheels securely.

3. Visually check the structure of the product paying attention to weld points on the frame ensuring there are no signs of fatigue or cracking around the welds.

4. Leckey recommend that a written record is maintained of all annual product inspections.



**If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer services department or your local dealer as soon as possible.**

## 13 Re-issuing Leckey Products

Most Leckey products are assessed and ordered to meet the needs of an individual user. Before reissuing a product we recommend that the therapist prescribing the product has carried out an equipment compatibility check for the new user and has ensured that the product being re-issued contains no modifications or special attachments.

A detailed technical inspection should be carried on the product prior to re-issuing. This should be carried out by a technically competent person who has been trained in the use and inspection of the product. Please refer to section 13 for the required checks to be carried out.

Ensure the product has been cleaned thoroughly in accordance with section 11 of this manual.

Ensure a copy of the user manual is supplied with the product. A copy can be downloaded from our website [www.leckey.com](http://www.leckey.com).

Leckey recommend that a written record is maintained of all product inspections carried out during the reissue of the product.



**If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer service department or your local dealer as soon as possible.**

## 14 Product Servicing

Servicing of all Leckey products should only be carried out by technically competent persons who have been trained in the use of the product.

In the UK & ROI please contact the Leckey Service Centre on UK 0800 318265 or ROI 1800 626020 and our customer service department will be delighted to assist you with your servicing requirements.

All international service enquiries should be directed to the appropriate Leckey distributor who will be delighted to assist you. For further information on Leckey distributors please visit our.

# 15 Technical Information

## Product Codes

LFS/#/	Freestander
LFS/T	Totstander (comes as standard in Madow Fabric)

## Accessory Codes

LFS/#/G	Grab/suspension Rail
LFS/#/H	Grab Posts

# Please select a size

The Freestander comes in 2 fabrics. Size 1 comes as standard in Meadow fabric and size 2 and 3 in Mondeo blue fabric.

Head Support Options are available with this product please contact the Leckey Service Centre or local dealer for further information.

# 15 Technical data

Product sizing						
Size	1		2		3	
Age	1 - 5		4 - 9 1/2		9 - 17	
Codes	LFS/1		LFS/2		LFS/3	
	mm	inches	mm	inches	mm	inches
Freestander						
Chest Plate Height						
min	470	18.5	680	27	975	38
max	680	27	975	38	1350	53
Base						
length	650	26	750	30	750	30
width	650	26	750	30	750	30
Activity Tray						
depth	400	16	450	18	500	20
width	525	21	575	23	625	25
User Weight						
max	30kg	66lbs	60kg	132lbs	100kg	220lbs
Totstander						
Chest Band Height						
min	470	18.5				
max	640	26				
Base						
depth	450	18				
width	450	18				

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24 hour postural  
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Moving, Bathing,  
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