

## Important Safeguards

- Do not use this product if you have not received a formal induction from your therapist. As a primary carer please ensure you are aware of your responsibility relating to the safe use of this product
- This product has been prescribed by the Therapist or practitioner who should have adjusted the Nexus to meet the child's need. If this product has not been adjusted by the therapist please do not use it.
- It is imperative that the product log form is completed at the rear of this manual on a regular basis. This form must be used to record setups, changes to the product and scheduled maintenance checks undertaken.
- To validate the warranty it is important that each section of the end user manual is actioned, recorded and initialled each time Nexus is reviewed.
- Please ensure this manual is kept in a safe place.
- CARE, MAINTENANCE AND CLEANING procedures must be followed in this manual to ensure client well being.
- It is imperative as a primary carer that you understand the CORRECT USE of the product and also what is INAPPROPRIATE USE.
- Secure the child using the trunk and pelvic laterals, foot straps and knee blocks immediately .
- Always use all of the positioning straps provided.
- Please ensure that the product is used on an indoor even surface at floor level.
- It is imperative that children are continuously monitored whilst using this equipment. **NEVER LEAVE A CHILD UNATTENDED IN THIS PRODUCT.**



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Nexus



End User manual

This manual contains essential guidance for School and Home carer. This manual **must** be read thoroughly before using the Nexus.



Do not use this product if you have not received a formal induction from your therapist. As a primary carer please ensure you are aware of your responsibility relating to the safe use of this product

Contents

Welcome 1  
 Before Starting 2  
 Product Induction 4  
 Getting Started 5  
 Using Nexus 6  
 Maintenance & Cleaning 10  
 Warranty 11  
 Specification 12  
 Notes 13  
 Product Induction Form 14  
 Product Log 15

Product Log:

Date	Set up / Check / Amendments	Signature	Print Name

# Product Log:

Date	Set up / Check / Amendments	Signature	Print Name

# Welcome

Nexus is a unique multi-adjustable prone & supine stander in one. Nexus has been designed to complement the development of the young child for which it has been prescribed by the health care professional.

**IMPORTANT: READ THE INSTRUCTIONS CAREFULLY BEFORE USE AND KEEP THEM FOR FUTURE REFERENCE. FAILURE TO FOLLOW INSTRUCTIONS MAY IMPAIR USE AND IMPEDE FUNCTION AND MAY POSE A RISK TO THE USER.**

The correct use and maintenance of your Nexus will ensure it gives long and trouble-free use.

Here are some of the key features of Nexus

- A prone and supine stander in one.
- Electric power assist facilitates the positioning to any angle.
- Flip away support to assist quick and easy transfer.
- Chest supports adjust in height,width and angle.
- Pelvic supports adjust in height ,width,angle and depth.
- Knee mould with soft moulding infill and dynamic foot positioners.

# Before Starting

## Important

- Always read instructions before use. Failure to follow instructions may impair use, impede function and more importantly may affect the user’s safety.
- This user guide is for Nexus, item Code: Nex-SupA,Nex-ProA, Nex-SupB, Nex-ProB.
- Each product has a serial number which will be found on the battery pack. Please quote this number in any correspondence.
- The materials and foam within Nexus meet all the required current regulations.
- This product conforms to CE Marking Regulations, Medical Devices Directive (MMD)93/ 42 EEC.
- Do not add any other accessories other than those supplied by a2u to this product. Ring a2u on +44 (0) 121 523 5004 for advice if unsure.
- The warranty conditions are stated on page 11 and provide further information.
- Nexus A: maximum user weight 55KG.
- Nexus B: maximum user weight 75Kg.
- Service or repair must only be carried out by an a2u authorised service person. Any service or repair carried out by any other person will invalidate the guarantee and a2u cannot accept any liability for injury or damage thus caused.
- The tools required to adjust Nexus are supplied by a2u. These adjustments are to be made by the therapist only. Store these in a safe place. Keep away from children.
- Before using the Nexus for the first time please charge the batteries for 12 hours.
- [To charge the batteries, plug the charger into the mains and connect the charger lead into the handset.](#)
- Batteries should be charged for 30 mins to an hour at the end of each day to maintain optimum life.
- An audible bleep sound from the handset is a low battery warning and the batteries should be charged immediately.
- Ensure that the product is fully assembled before use. Contact a2u if you need advice at this stage.
- It is essential that the equipment / system is cleaned regularly so as not to impede function and to remain hygienic. Use warm soapy water but not abrasive detergents.
- Please ensure the Nexus is set up as per instructions. Ensure that induction / hand over procedures as described on page 4 are followed.

# Product Log:

Date	Set up / Check / Amendments	Signature	Print Name

## Important issuing Information

This form **must** be completed on issue or re-issue of the product

Child's Name	
Therapist Name	
Address	
Telephone	
Primary Carer's Name	
Product Issue Date	
Product Serial No.	
Product Purchase Date	

## Induction Check List

Please ensure that the following sections are covered with the primary carer before the product is issued. Please initial each box when instructing carer / end user through the induction process.

Safety Information	
Daily User Guide	
Care & Maintenance	
Cleaning	
Product Log Updated	

Induction Given By

\_\_\_\_\_

Induction Received By

\_\_\_\_\_

Date

## Safety

- It is imperative that children are continuously monitored whilst using this equipment. **NEVER LEAVE A CHILD UNATTENDED IN THIS PRODUCT.**
- If there is the slightest concern regarding the supports, use or function of the product then immediately contact a2u for advice on +44(0) 121 523 5004 or e-mail us at info@a2u.co.uk.
- When transferring user into the stander, please ensure the chest and pelvic laterals along with the footrest straps are secured IMMEDIATELY.
- When doing a hoist transfer, please ensure that the hoist sling is not caught on any part of the stander.
- Ensure casters are always locked when the stander is stationary.
- Due to the nature of the product, please be aware of the length of the skis and the surrounding in which the stander is being used.
- Do not allow other individuals to use, play with, stand on, ride on or run around the stander.
- When using the sternum pad , please ensure the position of the pad is anatomically correct. Ensure the pad is not impeding on the throat.
- Ensure the tray is always in place when using the stander in prone.
- When fitting the front knee blocks, please take care as the knee blocks are heavy. Ensure the knee blocks are locked tight before angling the stander in upright position.
- Please ensure that the product is used on an indoor even surface.
- Small parts if loose will be a potential hazard for small children.
- Keep products away from sources of heat such as naked flames, cigarettes, open fires, heaters, radiators etc.
- Always use all of the positioning straps provided.

## WARNING

- Secure the child using the trunk and pelvic laterals and foot straps immediately before you make any other adjustments.
- The safety advice and directions in this manual cannot cover all eventualities and unforeseen situations that may occur. It must be understood that common sense, general caution and care are factors that cannot be built into this product. These are factors which the person actually using this product must assume responsibility for.

# Product Induction

- This product has been prescribed by the Therapist or practitioner who should have adjusted the Nexus to meet the child's need. If this product has not been adjusted by the therapist please do not use it.
- Before using the product please ensure you have had a product induction from your therapist. Formal induction plan is shown on page 14.
- It is imperative that you understand the responsibility you are taking as a primary carer.
- Please ensure this manual is kept in a safe place.
- It is imperative that the product log form is completed by your therapist at the rear of this manual on a regular basis. This form must be used to record setups, changes to the product and scheduled maintenance checks undertaken.
- It is imperative as a primary carer you understand the CORRECT USE of the product and also what is INAPPROPRIATE USE.
- You must understand and appreciate all SAFETY aspects of a2u products.
- CARE, MAINTENANCE AND CLEANING procedures must be followed to ensure client well being.
- DO NOT undertake any adjustments unless directed by the therapist, please contact your Therapist for directions.
- CARERS AND HOME USERS MUST BE AWARE. This product has been prescribed by the Therapist or practitioner for a specific child and should ONLY be used as directed by the prescriber.

# Notes:


## Nexus Specification

	SIZE A		SIZE B	
	mm	inches	mm	inches
<b>Top of Shoulder to Footplate</b>				
Min	900	36	1150	46
Max	1200	48	1450	58
<b>Top of Pelvic to Footplate</b>				
Min	450	18	700	28
Max	800	32	900	36
<b>Trunk &amp; Pelvic Width</b>				
Min	160	6.5	200	8
Max	300	12	340	13.5
<b>Knee Block Height to Footplate</b>				
Min	200	8	400	16
Max	500	10	600	24
<b>Knee Block Width</b>				
Min	65	2.5	80	3
Max	110	4.5	130	5
Horizontal Height	850	34	850	34
Tray Size	600x600	24x24	600x600	24x24
Base Width	600	24	650	24
Base Length	1200	48	1350	54
User Weight	55kg	120lb	75kg	165lb

- Nexus A,(Max User Weight 55Kg).
- Nexus B,(Max User Weight 75Kg).

## Getting Started

### Intended Use

Nexus has been designed to complement the development of the youngster for which it has been prescribed by the health care professional.

It is imperative that Nexus is used correctly (as per instructions) and adjusted and maintained regularly (as per instructions) to accommodate development and growth.

Young children using this equipment should be continuously monitored and not left unattended.

### Using the Nexus

- Before using the Nexus always check all the supports are secure and tight.
- We recommend that children should not be transferred directly from seating to standing with a quick physio/stretch.
- Open all the lateral supports and remove the supine knee blocks, before transfer.
- Lock the caster before transferring.
- When doing a hoist transfer, please ensure that the hoist sling is not caught on any part of the stander.
- As soon as the child has been transferred into the stander, please secure the side laterals, foot straps, knee blocks and tray immediately.
- When fitting the front knee blocks, please take care as the knee blocks are heavy. Ensure the knee blocks are locked tight before angling the stander in upright position.
- Batteries should be charged for 30 mins to an hour at the end of each day to maintain optimum life.
- To charge the batteries, plug the charger into the mains and connect the charger lead into the handset.
- It is imperative that children are continuously monitored whilst using this equipment. **NEVER LEAVE A CHILD UNATTENDED IN THIS PRODUCT.**
- Please refer to Using Nexus section on pages 6to9 for further information.

## Using Nexus

Please ensure all the knobs, levers and screws are secure and tight after adjusting the Nexus.



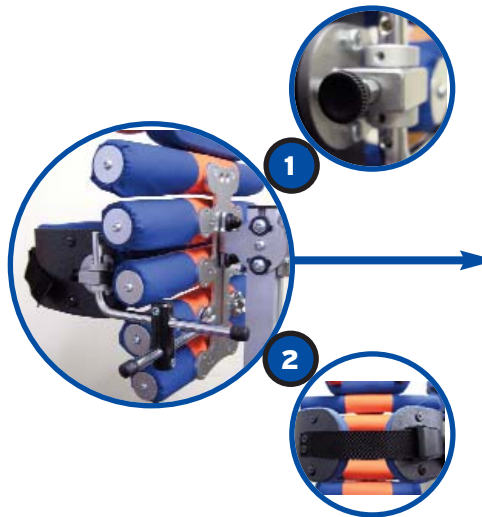
### Angle Adjustment

To angle Nexus use handset by pressing up and down pads on hand controller. ①

Ensure that the Nexus is free of obstacles which may cause hindrance and damage.

Use the angle marker ② to record the optimum desired position.

Do not leave the child unattended. The angle adjustment hand-set controller must be stored safely.



### Chest & Pelvic Lateral

To release lateral supports pull plungers ① and flip support away to the side.

Connect buckle across the front of the supports ②.

Do **NOT** leave child unattended in the Nexus Stander. Always use all the positioning straps provided.

## Warranty

- a2u warrants that equipment sold by a2u will be free of all defects in material and workmanship for a period of 2 years from the date of purchase. We will not be held responsible for any damage, injury due to misuse or modification of our products.
- a2u will repair or replace, at our discretion, any equipment or parts proving defective within the terms and period of this warranty.
- If any part of the equipment is found to be defective within the terms and period of this warranty a2u will, at its own discretion, repair or replace it.
- For advice on the use of this product please phone our after sales line on + 44 (0) 121 523 5004.



## Maintenance

This product has been prescribed by the Therapist or practitioner who must ensure that all users understand and implement correct use, safety checks, care, maintenance and cleaning. It is the user (carer for the child) who is responsible for ensuring the product is correctly used on day to day basis. The Therapist should direct the following checks to be undertaken, the frequency of the check is only a minimum and should be adjusted depending on the environment in which the equipment functions.

### Daily Checks

- Check that supports and straps are securely fixed.
- Check that the chest support and laterals fit the child snugly.
- Check that the pelvic support and laterals fit the child snugly.
- Check all upholstery for wear and tear.
- Check framework for wear and tear, splinters, breaks.

### Monthly Checks

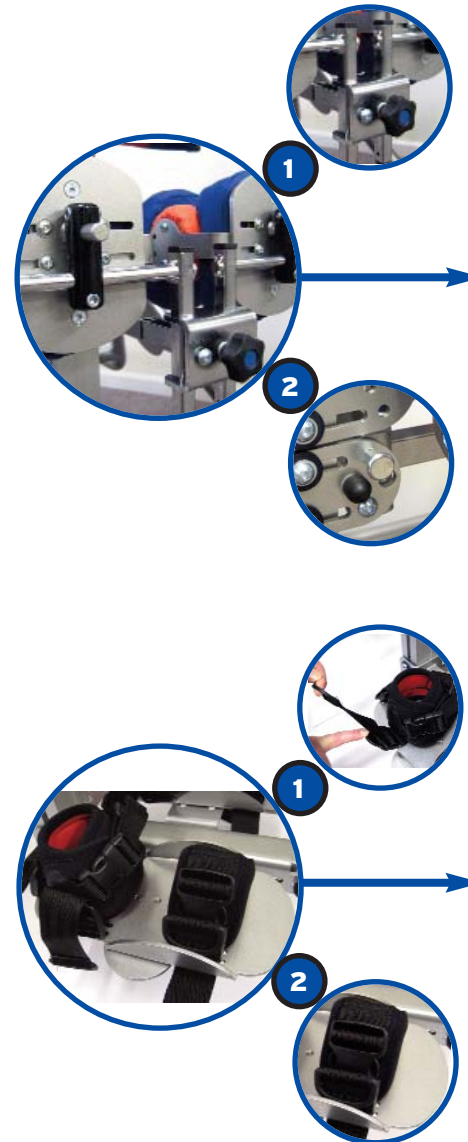
The monthly check, again the frequency is only a minimum and should be adjusted depending on the environment in which the equipment functions. As this check is a more in-depth check a suitably competent individual should be nominated by/on behalf of the prescriber.

- Check that supports and straps are functionally correct and securely fixed.
- Check all the supports are secure and tight.
- Check missing or worn bolts/fixings as required.
- Check straps for fraying and missing or broken buckles.
- Check all upholstery for wear and tear.
- Check framework for wear and tear, splinters, breaks.
- Check the overall structure of the Nexus for any signs of fatigue or damage.
- Ensure end user log is updated.

### Cleaning

- Metalwork and coated parts can be wiped with soapy water or antibacterial spray. Please dry the product thoroughly. Please do NOT use solvents, abrasive cleaners, caustic soda, sodium hypochlorite and organic solvents.
- Padded chest, pelvic and knee block should be wiped regularly with soapy water or antibacterial spray. Please dry material thoroughly after wiping. Please do not soak the fabric.

## Using Nexus



### Supine Knee Block

Knee blocks can be removed by undoing the blue knobs by a few turns. Like wise to secure the kneeblock slide the knee block to the depth stop and re-tighten the blue knob. ①

Supine knee block fixing stem can be angled up or down when transferring a child by pulling the two plungers out and flipping the stem up or down. ②

### Foot Straps

To fit, loosen webbing at all 3 fixing points, secure cuff around the ankle with buckle fixing and pull each D ring up, to pull webbing tight and to secure the heel. ①

### Toe Straps

Fit with buckle fixing adjusting webbing as required. ②

Do NOT leave child unattended in the Nexus Stander. Always use all the positioning straps provided.

## Using Nexus



### Prone Tray

Loosen the black/orange knobs **1** to achieve the desired tray surface angle adjustment and secure. Fit tray and secure with black wing nuts.

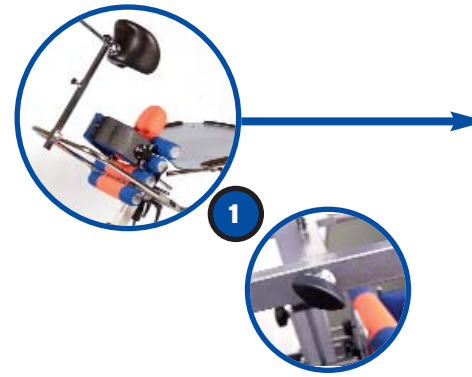


### Supine Tray

Loosen the orange knobs **2** to achieve the desired tray surface angle adjustment and secure. Fit tray and secure with black wingnuts.

Do **NOT** leave child unattended in the Nexus Stander. Always use all the positioning straps provided.

## Using Nexus



### Prone Headrest

To fit and remove headrest loosen both black fixing wing nuts **1** on mounting bar.

Do **NOT** leave child unattended in the Nexus Stander. Always use all the positioning straps provided.