

1. DESCRIPTION

- 1.1. Ode is a multi-adjustable and versatile seating system for children,, that helps achieve a comfortable seating position.
- 1.2. The back rest is dynamic, so it flexes along with spastic extension, reducing spasticity. The dynamic feature is adjustable and it can be locked.
- 1.3. All adjustments are positioned to enable setup even when the child is seated in the product and no padding has to be removed at any point. This feature saves time and effort.

2. INTENDED USE

- 2.1. The product is used for therapeutic rehabilitation, to achieve a good postural support and to prevent and reduce postural distortion.
- 2.2. The product is also suitable for daily seating and as a seat for a buggy.

3. IMPORTANT

- 3.1. Always read the instructions before use.
- 3.2. The materials and foam within the product meet all the required current regulations. This product conforms to CE Marking Regulations, Medical Devices Directive (MMD)93/ 42 EEC.
- 3.3. Do not add any other accessories other than those supplied by Timoteos to this product.
- 3.4. Service or repair must only be carried out by a Timoteos authorised service person. Any service or repair carried out by any other person will invalidate the guarantee and Timoteos cannot accept any liability for injury or damage thus caused.
- 3.5. Ensure that the product is fully assembled before use. Contact your supplier if you need advice at this stage.
- 3.6. 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.
- 3.7. Please ensure the product is set up as per instructions.

4. SAFETY

- 4.1. 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.
- 4.2. It is imperative that children are continuously monitored whilst using this equipment. **NEVER LEAVE A CHILD UNATTENDED IN THIS PRODUCT.**
- 4.3. If there is the slightest concern regarding the supports, use or function of the product then immediately contact your supplier for advice.
- 4.4. When transferring user into the seat, please ensure the chest and pelvic belts along with the footrest and knee support straps are secured.
- 4.5. When doing a hoist transfer, please ensure that the hoist sling is not caught on any part of the seat.
- 4.6. Ensure casters are always locked when the product is stationary.
- 4.7. Due to the nature of the product, please be aware of the surrounding in which the product is being used.
- 4.8. Do not allow other individuals to use, play with, stand on, ride on or run around the product.
- 4.9. Ensure that the product is used on an indoor even surface.
- 4.10. Small parts if loose will be a potential hazard for small children.
- 4.11. Keep products away from sources of heat such as naked flames, cigarettes, open fires, heaters, radiators etc.

Base functions

Indoor Base, Outdoor Base



HI-LO Function, Indoor Base

- 1) Use the right handle to operate High-Low function in manual Indoor Base.
 - 2) Use the remote control buttons to operate High-Low function in powered Indoor Base
- Outdoor base does not have High-Low function available

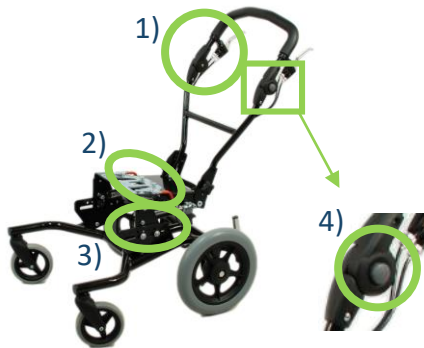


TILT-IN-SPACE Function, Indoor and Outdoor Base

- 1) Use the left handle to operate Tilt-in-Space function in both Indoor and Outdoor Base.

OUTDOOR BASE

- 1) Use the right handle for Hand Brake. Use the knob on right side of hand break to lock the brake.
- 2) Use the red locks under the chair to lock and unlock the chair on to base.
- 3) Loosen the two bolts (on right and left side) of Outdoor base to slide the chair back 'n forth to balance the seating system if required.
- 4) Use the push button on push bar (left and right side) to change the angle of push bar

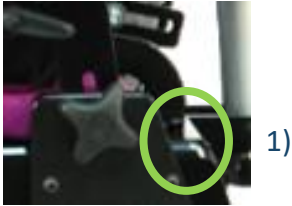


INDOOR BASE

- 1) Use the red locks under the chair to lock and unlock the chair on to base.
- 2) Use the push button on push bar (left and right side) to change the angle of push bar
- 3) To lock the wheel push the pedal on top of the wheel. All wheels are swivelling and can be locked separately.



Growth adjusting



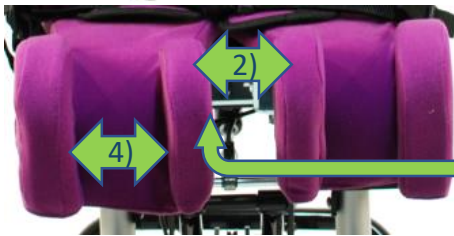
SEAT WIDTH HIP

- 1) Loosen the two screws behind the seat to move the Hip Guides sideways.
- 2) Measure the width of user hip and adjust the hip guides accordingly.



SEAT DEPTH THIGH LENGTH

- 1) Loosen the plastic star screw under the seat
- 2) Measure the length of user thigh and adjust the depth of seat accordingly by adjusting leg piece back 'n forth.

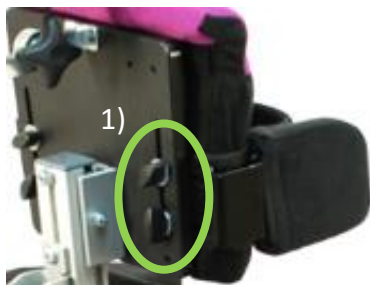


SEAT WIDTH LEGS

- 1) Loosen the thumb screw under the seat
- 2) Adjust the width of seat by moving the leg piece sideways to match the needed width.
- 3) Loosen the screw under the seat (3) to adjust the width of inner knee support (4).

BACK REST WIDTH (Seat Width)

- 1) Loosen the thumb screws behind the back rest to move Lateral Supports up 'n down, sideways and rotate.
- 2) Place the Lateral Supports to height and width that supports the end user most.



Growth adjusting



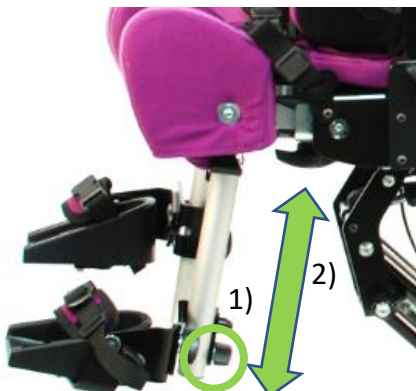
ARM REST (Seat Height)

- 1) Loosen the plastic star screw to adjust the height of arm rest up 'n down



BACK REST AND LUMBAR SUPPORT HEIGHT (Seat Height)

- 1) Loosen the screw to adjust height of the back rest up 'n down.
 - 2) Loosen the screw to adjust height of the lumbar support up 'n down.
- In picture back rest (1) is static and lumbar support (2) is rotational. Static and Rotational are optional features for both back rest and lumbar support



LEG LENGHT (Seat Height)

- 1) Loosen the thumb screw behind the foot rest bars to adjust foot rest (sandal) height up 'n down.
- 2) Measure the leg length of end user and adjust the height of foot rest accordingly

Posture Adjusting

Lower Limbs



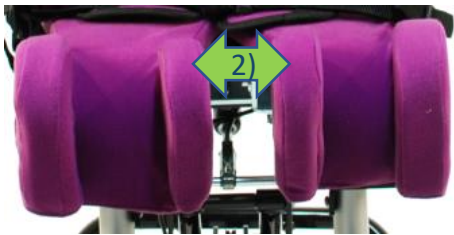
POSTURE OF LOWER LIMBS

- 1) Loosen the plastic star screw under the seat. There is separate screws on both left and right side of the seat.
 - This plastic star screw controls the movement of thighs and legs in sideways, angle and back 'n forth.



THIGH LENGTH

- 1) Loosen the plastic star screw under the seat
- 2) Adjust the length of thigh piece back 'n forth to match user thigh length or to better match the user seating posture.



THIGH WIDTH

- 1) Loosen the thumb screw under the seat
- 2) Adjust the width of thighs by moving the thigh piece sideways to match the desired width



ABDUCTION / ADDUCTION

- 1) Loosen the plastic star screw under the seat.
- 2) For Abduction move the thigh piece outwards by creating an angle. Repeat to other side if needed.
- 3) For Adduction move one of the thigh pieces inwards

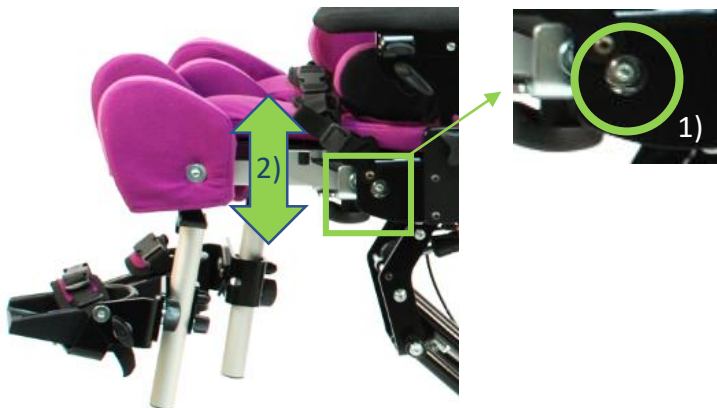
Posture Adjusting

Lower Limbs



KNEE FLEXION

- 1) Loosen the screw on the side of knee pad.
- 2) Adjust the angle of knee by moving leg piece back 'n forth.



HIP FLEXION

- 1) Loosen the screw on the side of seat.
- 2) Adjust the hip angle by moving the thigh piece up 'n down.

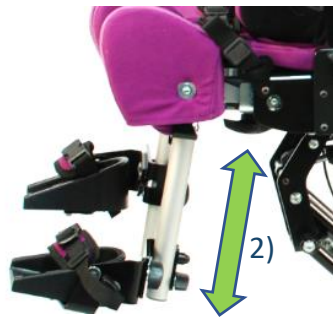


ISCHIAL TUBEROSITY

- 1) Loosen the two screws located on both sides below the seat and right under the thigh piece.
 - 2) Adjust the place of ischial tuberosity plate (lower plate in both pictures) to match end user seating posture by moving the plate back 'n forth, sideways and rotate.
- The plate is located under the seat cushion but there is no need to remove the cushion for adjusting the plate.

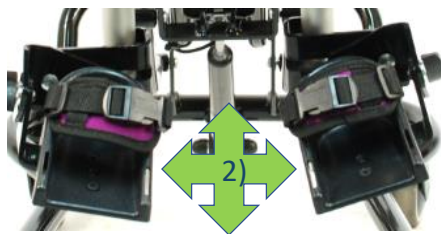
Posture Adjusting

Lower Limbs



LEG LENGTH

- 1) Loosen the thumb screw behind the foot rest bars to adjust foot rest (sandal) height up 'n down.
- 2) Adjust the foot rest up 'n down to match user leg length or to better match the user seating posture.



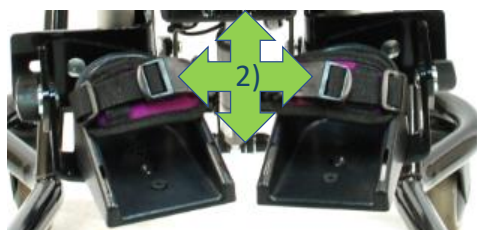
ANKLE WIDTH, PRONATION & SUPINATION

- 1) Loosen the thumb screw behind the foot rest.
- 2) Adjust each foot rest sideways for width and rotate for Pronation and Supination.



DORSIFLEXION & PLANTARFLEXION

- 1) Loosen the thumb screw on the side of the foot rest.
- 2) Adjust each foot rest up 'n down for Dorsiflexion and Plantarflexion



EVERSION & INVERSION

- 1) Loosen the screw below the foot rest.
- 2) Rotate each foot rest for Eversion and Inversion.

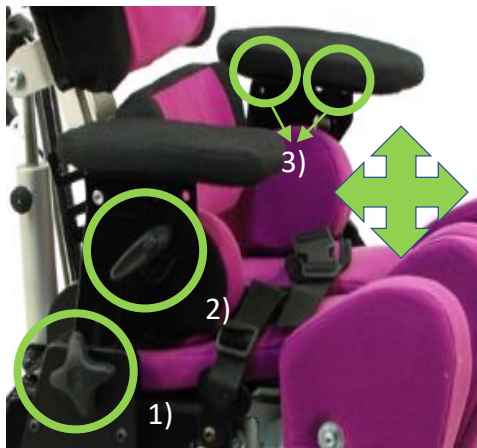
Posture Adjusting

Head, Arms, Tray



HEAD REST

- 1) Loosen the 3 plastic star screws to adjust the head rest into desired position.
- 2) Remove the soft plastic cover off the metal tip of head rest. Loose the 2 screw to rotate the head rest into desired position.



ARM RESTS

- 1) Loosen the plastic star screw to adjust the height of the arm rest.
- 2) Loosen the screw on side of the arm rest to adjust the angle of the arm rest up or down.
- 3) Loosen the 2 thumb screws at inner side, under the arm pad, to rotate the arm rest or for moving the pad sideways and back 'n forth.

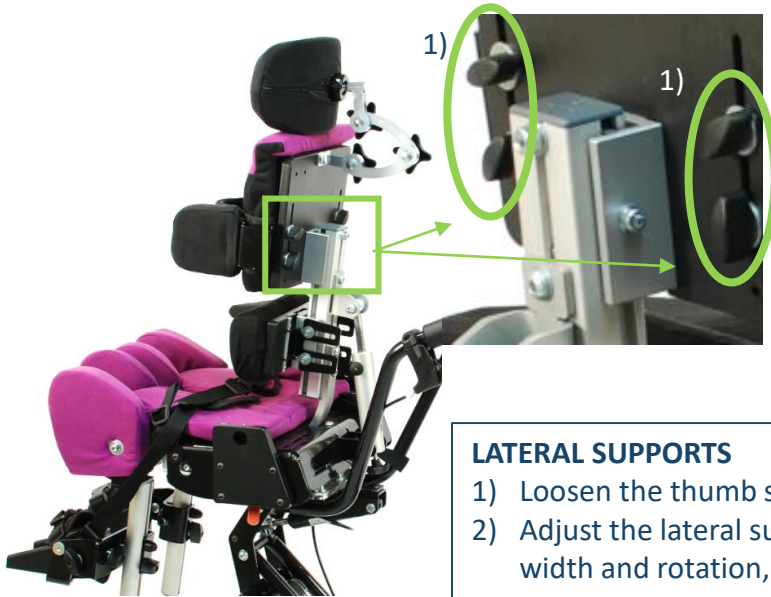


TRAY TABLE

- 1) Slide trays metal supports to tray holders. Tighten the thumb screw to lock the table into desired place.
 - 2) Loosen the screw to adjust the angle of the tray.
- Adjusting the angle of tray will adjust the angle of arm rest simultaneously.

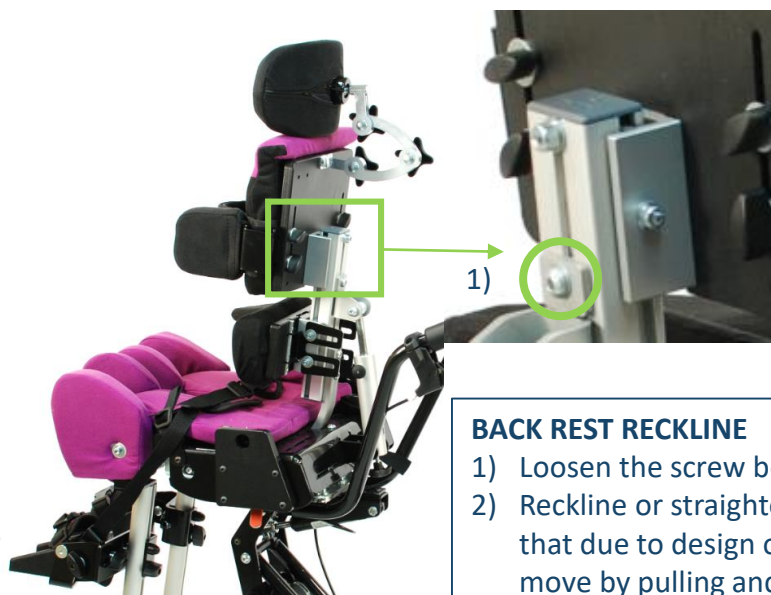
Posture Adjusting

Back Rest recline, Lateral Supports



LATERAL SUPPORTS

- 1) Loosen the thumb screws behind the back rest (4 in total).
- 2) Adjust the lateral supports to optimal position, in height, width and rotation, to support user seating posture.



BACK REST RECLINE

- 1) Loosen the screw behind the back rest.
- 2) Recline or straighten the back rest into desired position. Note that due to design of recline system the back rest is easier to move by pulling and pushing the back rest upwards and downwards rather than back 'n forth.

- Reclining the back rest has no impact on dynamic back functionality.

Posture Adjusting

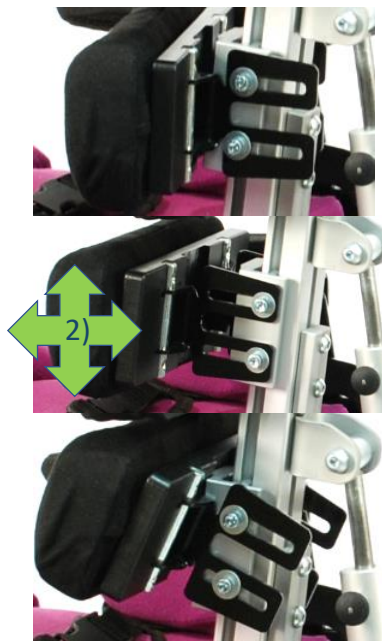
Back Rest, Lumbar Support



BACK REST AND LUMBAR SUPPORT HEIGHT

- 1) Loosen the screw to adjust height of the back rest up 'n down.
- 2) Loosen the screw to adjust height of the lumbar support up 'n down.

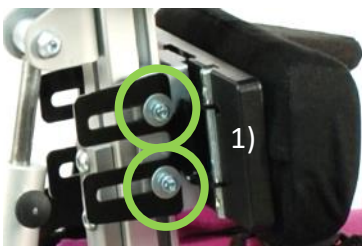
- In picture back rest (1) is static and lumbar support (2) is rotational. Static and Rotational are optional features for both back rest and lumbar support
- Height adjustments are located on the right hand side of the seat.



ROTATING BACK REST ROTATING LUMBAR SUPPORT

- 1) Loosen the 4 screws of rotational back rest or rotational lumbar support.
- 2) Rotate the back rest and/or lumbar support to desired position.

- Rotational back rest and lumbar support are optional modules and can be bought also separately to each other. In picture back rest is static and lumbar support is rotational.



Dynamic Back Rest Adjusting



DYNAMIC BACK REST

ODE Seating System is equipped with lockable and tensions adjustable dynamic back as standard. Dynamic function is based on metal spring which has a long life cycle. Design reduces the need of changing the spring and maintains the tension stable through out the spring life cycle. ODE's dynamic back is also lockable to static as well as tension of the back is adjustable. In case dynamic back rest is not required ODE offers a choice of changing the dynamic back element to solid metal bar and creating a fully static back rest. The location of the Dynamic back rest unit is pointed in picture by 1).



LOCKING THE DYNAMIC BACK REST

- 1) Push the back rest a little bit downwards.
- 2) Pull the locking knob outside.
- 3) Pull the back rest forwards as long as it goes.
- 4) Release the locking knob to lock the dynamic back rest.

ADJUSTING TENSION OF DYNAMIC BACK

- 5) Turn the star knob on bottom of the dynamic back element to adjust the tension of back rest. Turning the start knob clockwise reduces tension and turning counter clockwise increases tension.
- 6) A moving metal piece in the groove located in bottom section of dynamic back element indicates the tension of the dynamic back

Fastening the belts

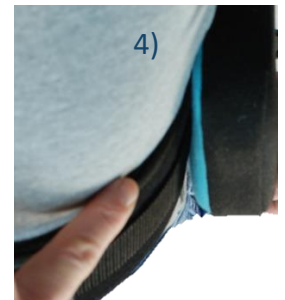
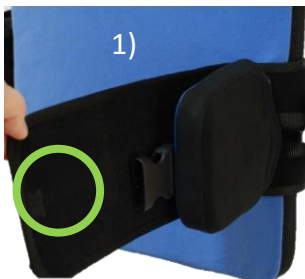


BELT TYPES

- 1) Buckled strap in Flexible Swing-Away Lateral Supports.
- 2) Velcro enhanced buckle straps with cover in Standard Lateral Supports and Swing-Away Lateral Supports.
- 3) Buckled strap with cover in Foot Rest (Sandals)



- 1) Pre-adjust the length of straps.
- 2) Close the Flexible Swing-Away Laterals
- 3) Fasten the buckle and tighten if needed by pulling the strap outwards.



- 1) Pre-adjust the length of straps. Notice the small piece of velcro outside the belt.
- 2) Turn the belt outside and use the small piece of velcro to fasten it to lateral support. This helps to keep the belts away when seating the user.
- 3) Wrap the belts around user, fasten the buckle and tighten if needed by pulling the straps outwards.
- 4) Check that there is no empty space between the belt and body. Otherwise the upper body posture might not be as stable.

ODE Dimensions

CHAIR DIMENSIONS

	Size 1		Size 2	
	min.	max.	min.	max.
Seat Depth	21 cm	31 cm	26 cm	37 cm
Seat Width	19 cm	28 cm	27 cm	37 cm
Lower Leg Length	19 cm	29 cm	28 cm	37 cm
Knee Flexion Angle	-10°	20°	-10°	20°
Ankle Angle (Dorsiflexio & Plantarflexio)	-16°	20°	-16°	20°
Ankle Angle (Pronation)		7°		7°
Ankle Angle (Supination)		17°		17°
Abduction per Side	0°	18°	0°	18°
Adduction per Side	0°	11°	0°	11°
Back Rest Height	33 cm	41 cm	40 cm	53 cm
Back Rest Angle	-5°	20°	-5°	20°
Hip Flexion Angle	0°	-14°	0°	-14°
Maximum User Weight		40 kg		55 kg
User Height Range	90 cm	120 cm	115 cm	145 cm

BASE FOOTPRINT

Indoor Base: Length 70cm , Width 52cm

Outdoor Base: Length 70cm, Width 55cm

INDOOR BASE

Tilt-in-Space: -4° to 37°

Hi-Lo: Minimum height 39cm, maximum height 71cm (Floor to top of seat cushion)

Push Bar: Angle adjustable

Wheels: 100mm, Swiveling and individually lockable

OUTDOOR BASE

Tilt-in-Space: -4° to 37°

Push Bar: Angle adjustable, foldable

Front Wheels: 6", Swiveling

Rear Wheels: 12" or 16" with lockable Hand Break