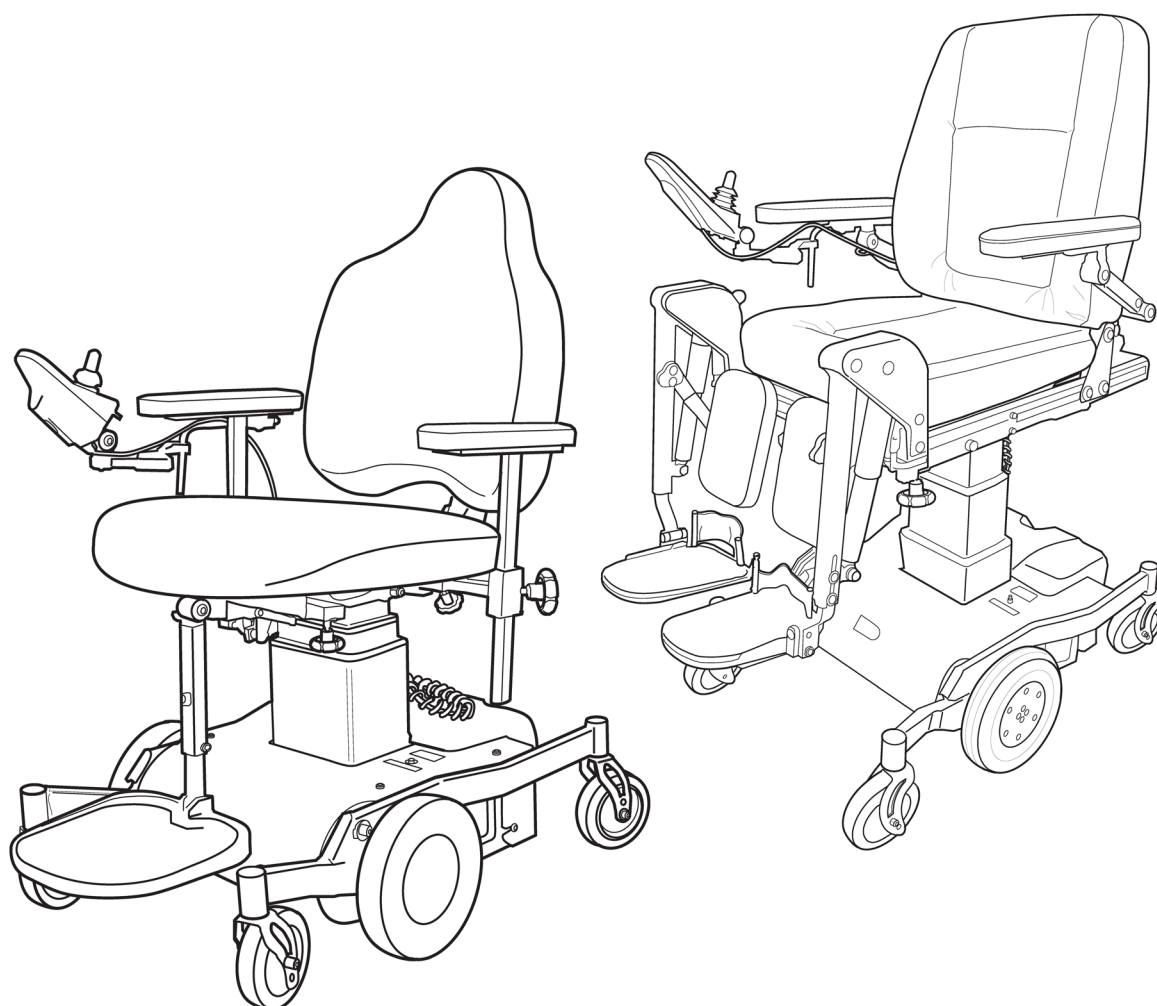


English

# User Manual

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 **EUROFLEX®**  
Flexmobil i6



**Eurovema**  
Creates mobility and ergonomics.

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**If you are visually impaired: The User Manual is available in a PDF format that can be magnified from [www.eurovema.se/dokument](http://www.eurovema.se/dokument).**

## INTRODUCTION

Congratulations on choosing a Flexmobil i6! We hope you will be pleased with this Euroflex product from Eurovema Mobility AB, which has been designed and built in Sweden. The electric wheelchair is designed to satisfy very stringent demands in respect of ergonomics, sitting comfort, and function.

***Read the User Manual carefully so that you can enjoy all the possibilities of your new i6!***

## USERS AND USE

Flexmobil i6 is an electrically-powered indoor wheelchair. It is designed for use by children and adults with limited mobility and can be used by people who can handle a control device in a wheelchair. It is strongly recommended that you are assessed by a physiotherapist, doctor, or other qualified and trained person to determine whether the wheelchair is right for you. Flexmobil i6 is available in a variety of different seat sizes, all of which have a number of setting options, allowing the chair to be customised to your specific requirements. Expected product service life is 10 years.

## TEST SPECIFICATION

Flexmobil i6 is CE marked and is compliant with applicable requirements set out in the Swedish Medical Devices Act 1993:358 (93/42/EEC), as well as the Swedish Medical Products Agency's medical devices regulations, LVFS 2013:11. It is compliant with all requirements of EN 12184:2014 Class A.

## ASSOCIATED DOCUMENTS

Product data sheet, service manual, installation instructions, safety notices, and any product recalls can be read and downloaded from [www.eurovema.se](http://www.eurovema.se)

## UNPACKING AND ASSEMBLY

- Open the packaging and check that it has not suffered any damage during transit.
- Also check that the delivery corresponds with the order.

*If the chair is supplied with the back support and armrests not fitted:*

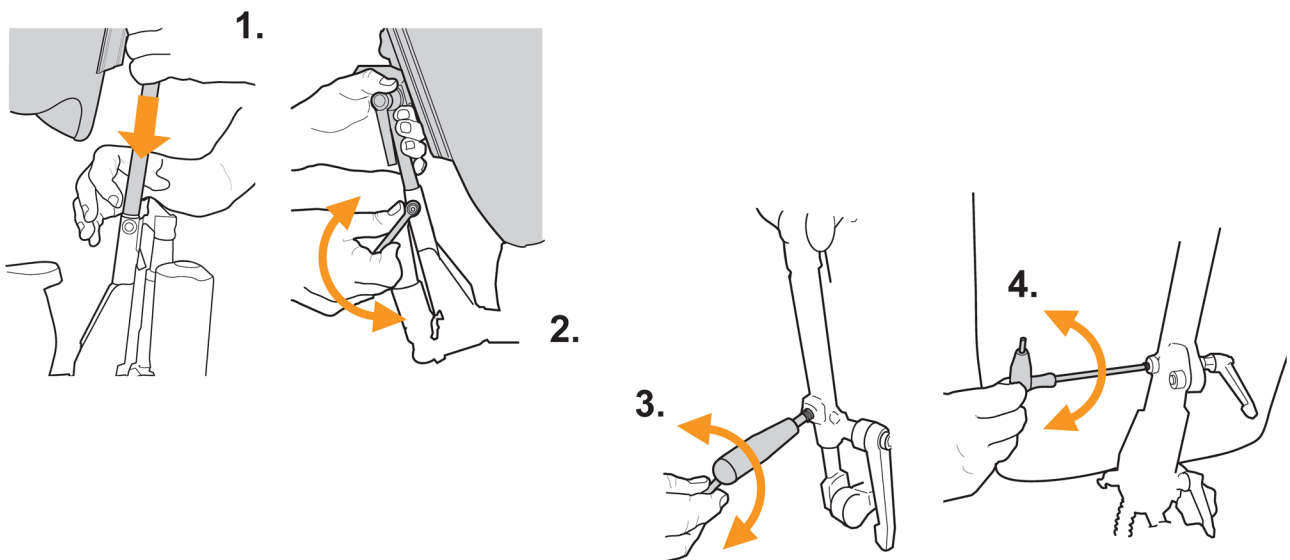
- Press in the spring bearing and insert the back pillar as shown in the figure **(1)**. Tighten the knob **(2)** and screw the safety screw in the side of the back pillar **(3, 4)**.

### ***Before using for the first time, check that***

- all knobs and screws are tightened.
- the brake release mechanism has been deactivated.
- no visible cables are crushed or damaged.
- the armrests and back support are raised and do not touch the housing when the seat is in its lowest position.
- the display shows no fault codes (no flashing lights).
- the battery is fully charged.
- joystick control works in all directions and that the wheelchair stops when the joystick is released

## TRANSPORT

When transporting the chair in motor vehicles, it is important that the brakes are engaged. See section "Releasing the brakes". The chair should be strapped in place with straps. Special attachment lugs are fitted as standard. It is strictly forbidden to sit in the wheelchair whilst it is in transit. You can reduce the transport dimensions of the chair by removing the back support, armrests, and leg support. The batteries in the wheelchair are maintenance-free and sealed (AGM type), and are also approved for transport by air. For more information about transport, see page 35.







## SAFETY RULES

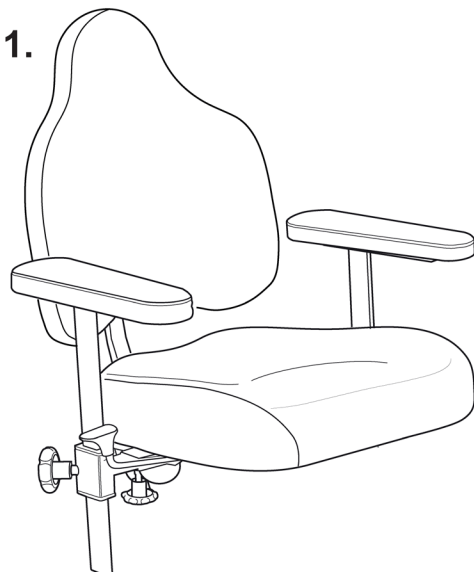
- Read the User Manual carefully before using the electric wheelchair.
- Charge the batteries as soon as possible when the battery light turns orange.
- The lifting pillar has a work cycle of 2 on /18 off, which means 2 minutes of use, followed by 18 minutes of rest.
- The electric wheelchair is designed to be used in a normal indoor climate.
- Take care when adjusting the manual seat angle while sitting in the chair as there is a risk you could fall out of the chair.
- If you find damage, loose components, or changes in the chair's function, contact the service organisation (technical aid supplier) immediately.
- Using the various seat setting options may affect the stability of the wheelchair. Only use these options when the wheelchair is standing on flat ground.
- Make sure you tighten all the screws, knobs, and controls properly after making adjustments.
- Metal surfaces may get very hot if they are exposed to sunlight or some other external source of heat.
- Service, maintenance, and adaptations should be carried out by trained staff authorised by Eurovema Mobility AB.
- When making repairs, only use original parts from Eurovema Mobility.
- Do not exceed the stated maximum user weight (150 kg).
- Only use the included original battery charger to charge the batteries.
- In order to maintain safety, only use original attachments for detachable parts, e.g. armrests, back support, and footplate.
- The functionality of the electric wheelchair maybe impaired in strong electromagnetic fields emitted by things such as power cables and data centres. The wheelchair may cause interference to equipment based on electromagnetic fields such as alarm systems in businesses, automatic doors, etc.

## Overview of different seat systems

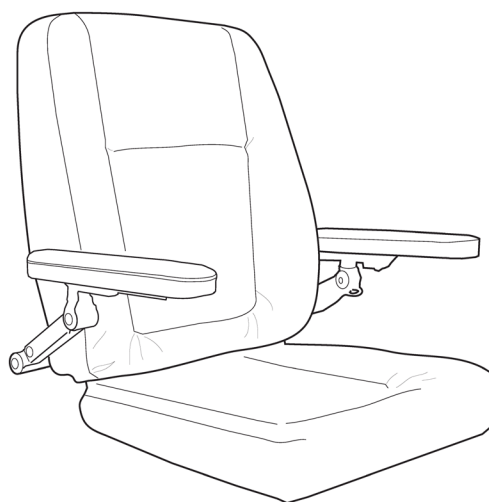
The Euroflex seat system is designed to deliver optimal sitting comfort to the user. The soft filled cushion is available in a variety of sizes and gives optimal sitting comfort and support to the user. It is upholstered in a dirt-resistant and machine washable polyester fabric.

The system is available in the following combinations:

1. SitRite
2. Comfort
3. Child ABC



**2.**

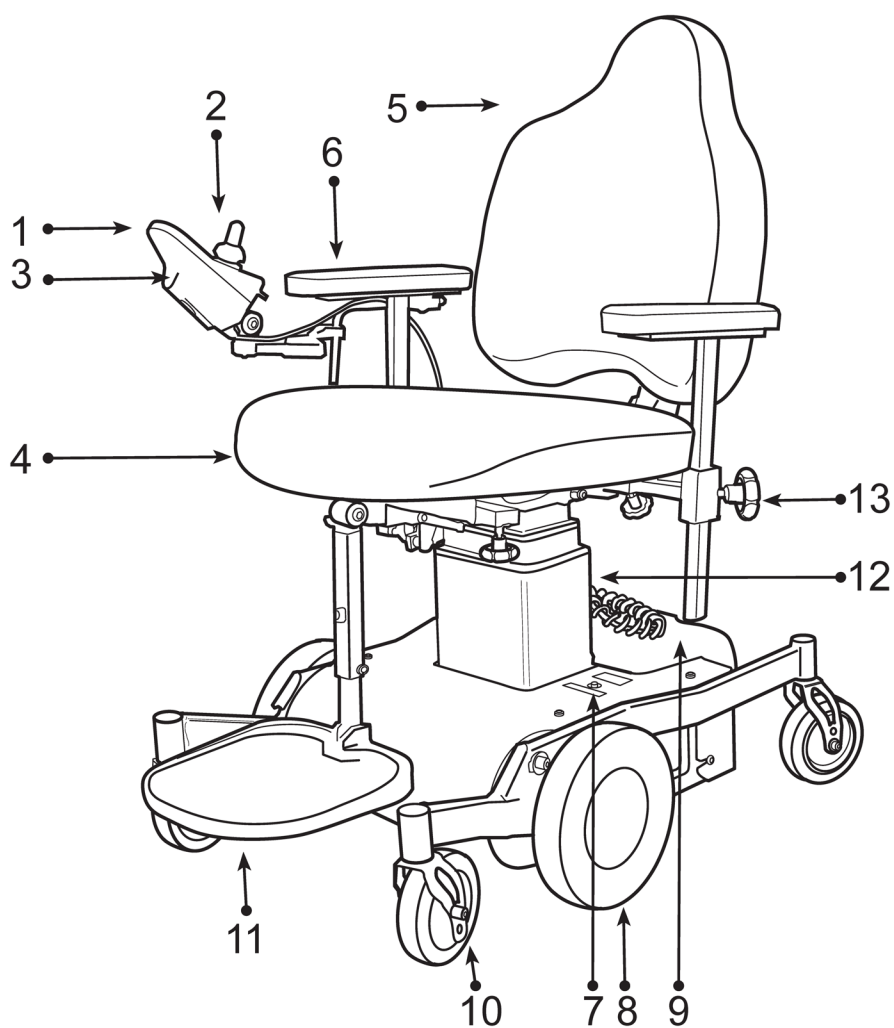


**3.**



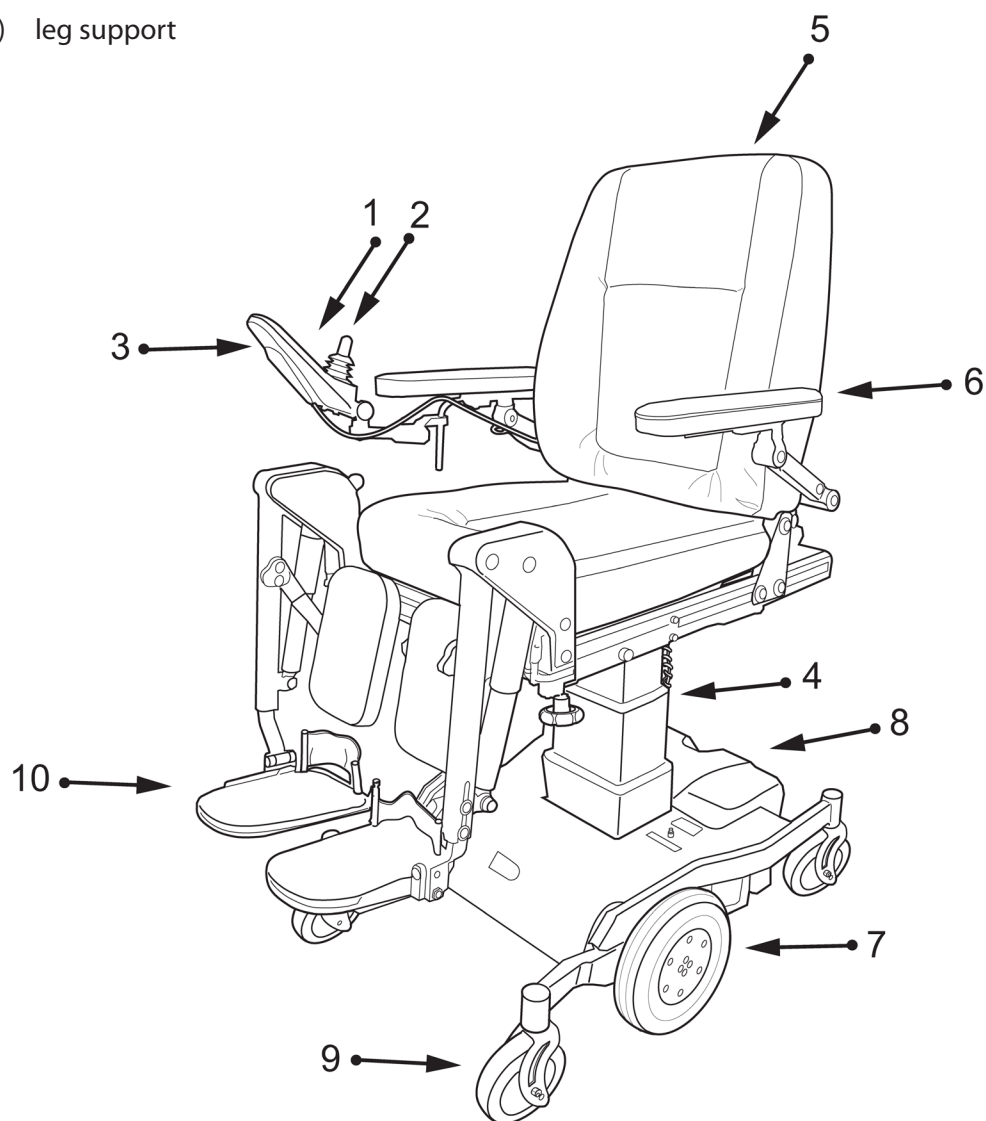
## Overview, Flexmobil i6 SitRite

- 1) control box
- 2) joystick
- 3) charging port
- 4) seat
- 5) back support
- 6) armrest
- 7) automatic fuse
- 8) drive wheel
- 9) battery cover
- 10) swivel wheels
- 11) footplate
- 12) seat lifting actuator
- 13) adjustment knob



## Overview, Flexmobil i6 Comfort

- 1) control box
- 2) joystick
- 3) charging port
- 4) lifting pillar
- 5) back support
- 6) armrest
- 7) drive wheel
- 8) battery cover
- 9) swivel wheels
- 10) leg support

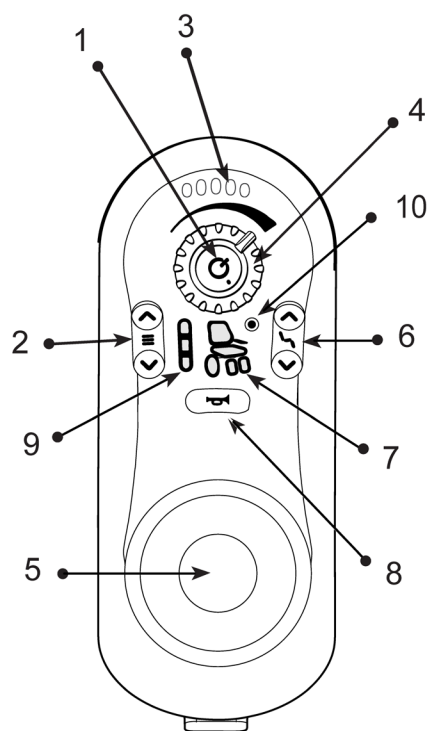


## Control system, Linx REM211 and R-net

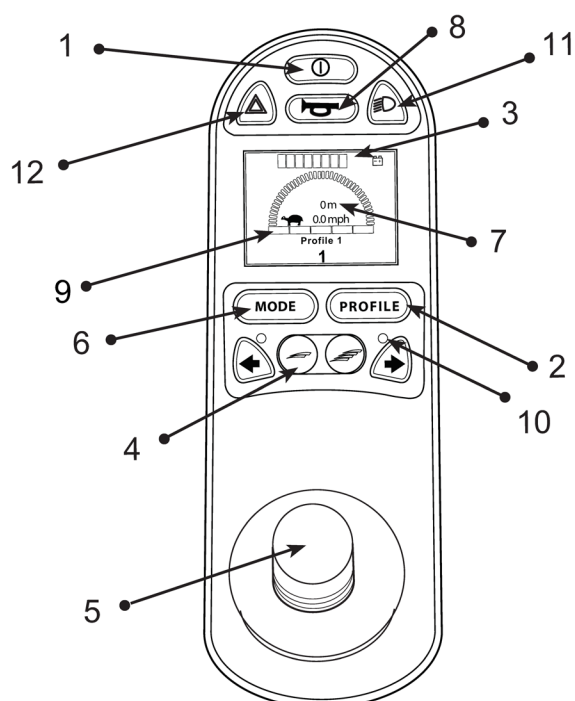
Flexmobil i6 is equipped with a control system from either Dynamics Control or PG Drive that controls the power from the batteries to the motors.

The wheelchair and its electrical seat functions are controlled using the control box, which is available in two different versions: Linx REM211 and R-net. The joystick is used to drive the wheelchair in the desired direction. The electronics can be programmed and adapted to the individual user's requirements, but usually the original program is perfectly adequate. Should any fault with the electronics arise, the on/off button will flash red (1) Linx REM211. The fault can be identified by counting the number of flashes. See chapter "Troubleshooting".

- 1) on/off
- 2) operator profile selection
- 3) battery indicator
- 4) speed adjuster
- 5) joystick
- 6) seat function selection
- 7) seat function symbols
- 8) signal horn
- 9) operator program status
- 10) connection indicator
- 11) operation light (not used)
- 12) hazard warning lights



LINX REM211



PG R-net

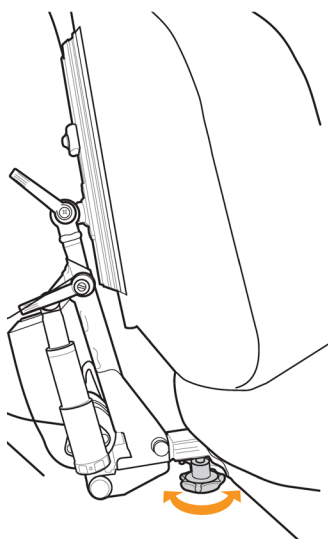
## BACK SUPPORT, SitRite - Seat depth, manual setting

Use the wheel (1) to adjust seat depth with back support. Set the desired seat depth by moving the back support backwards or forwards. Move the wheel to its original position to lock.

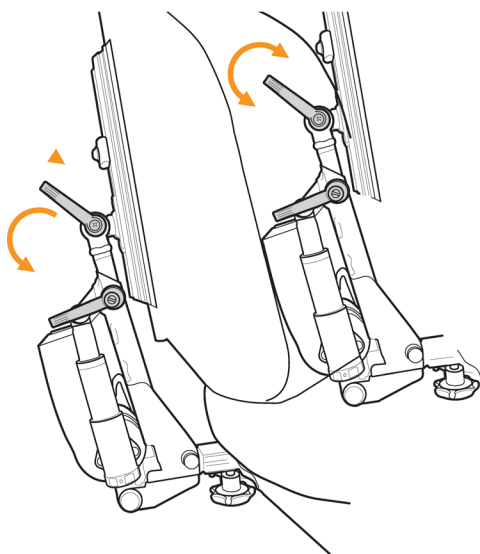
## BACK SUPPORT, SitRite– Back support angle, manual setting

Use the lever (2) to adjust the angle of the back support. Dial in the required angle and lock by moving the lever back to its original position.

1.



2.



## BACK SUPPORT, Comfort – Seat depth, manual setting

To adjust seat depth and back support: Undo the two hex screws holding the actuator in position and the for hex screws holding the back support to the seat frame. Set the desired seat depth by moving the back support backwards or forwards to the required position. Tighten the hex screws.

## BACK SUPPORT, Comfort – Back angle, electronic setting.

To adjust the angle of the back support, use the control box. An illustration of the control box can be found on page 9.

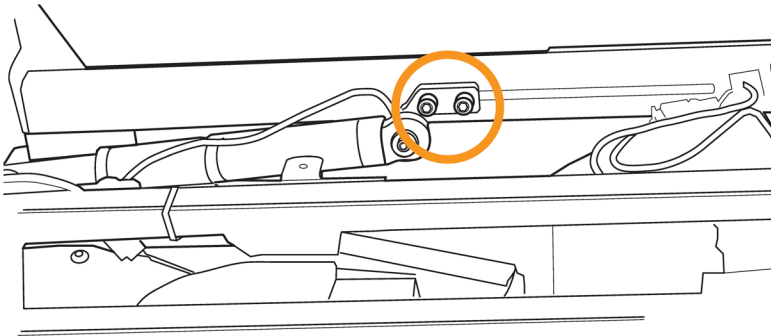
## LINX REM211

Press the “seat function selection” button (6, see page 9) to access seat settings. Choose seat by moving the joystick right or left until the back support symbol comes on. Then move the joystick forwards to adjust the back support forwards, and backwards to adjust the back support backwards.

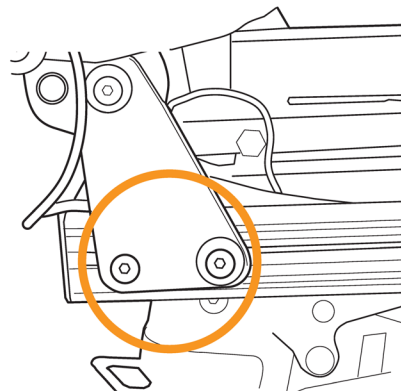
## PG R-Net

Press the “MODE” button to access seat settings. Choose seat by moving the joystick right or left until the back support symbol comes on. Then move the joystick forwards to adjust the back support forwards, and backwards to adjust the back support backwards

1.



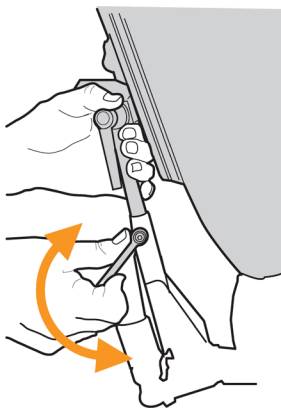
2.



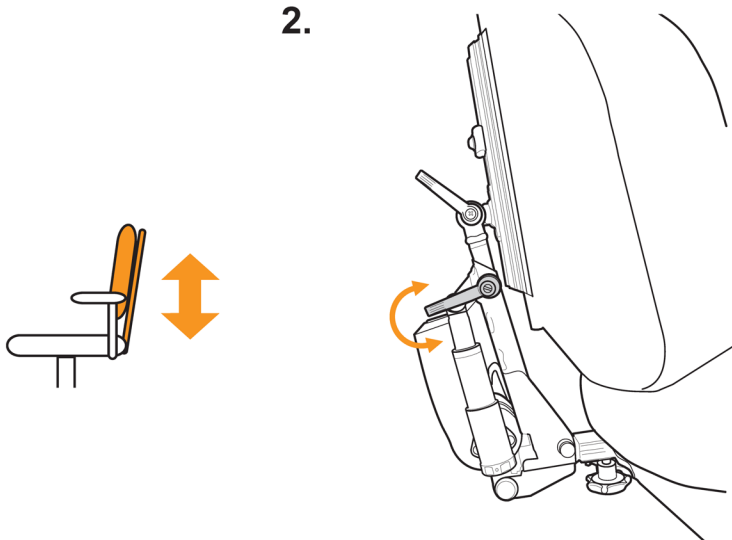
## BACK SUPPORT, SitRite - height adjustment, manual setting

Undo the safety screws (3, 4) using an Allen key before adjusting the height of the back support (1). Loosen the lever (2) by turning it anticlockwise a ½ turn. Set the back support to the desired height and turn the lever ½ a turn clockwise to lock. After making the adjustment, tighten the safety screws (3, 4).

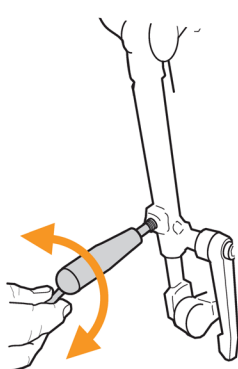
1.



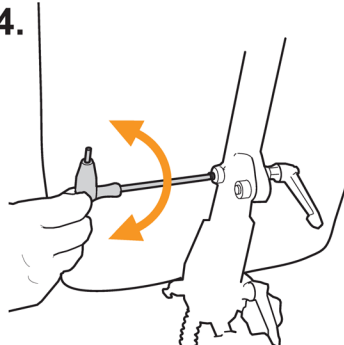
2.



3.



4.



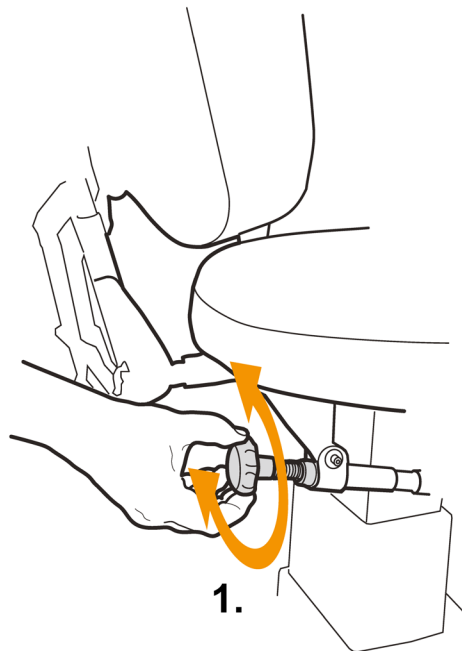


## SEAT TILT, SitRite - seat angle, manual setting

The seat angle can be adjusted within a range of  $-14^{\circ}$  to  $+32^{\circ}$  backwards. Turn the wheel clockwise to tilt the seat forwards, and anticlockwise to tilt backwards (1).

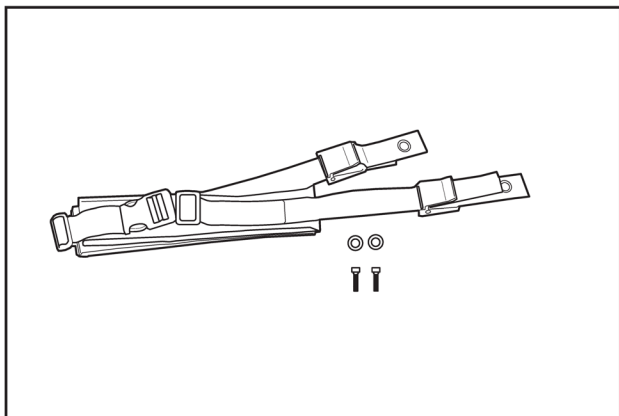


**NB Risk of crushing**

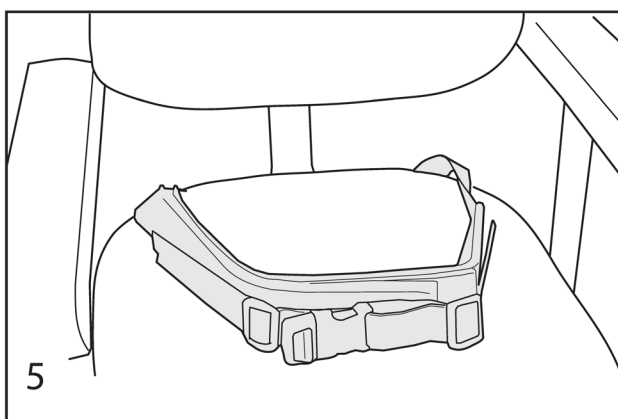
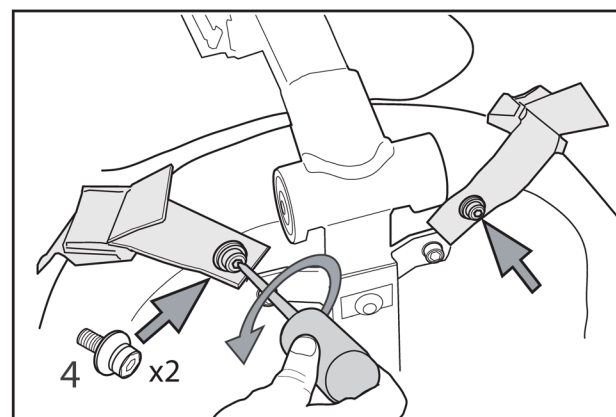
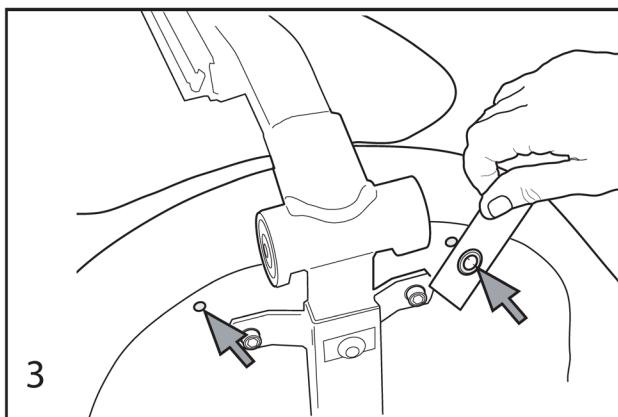
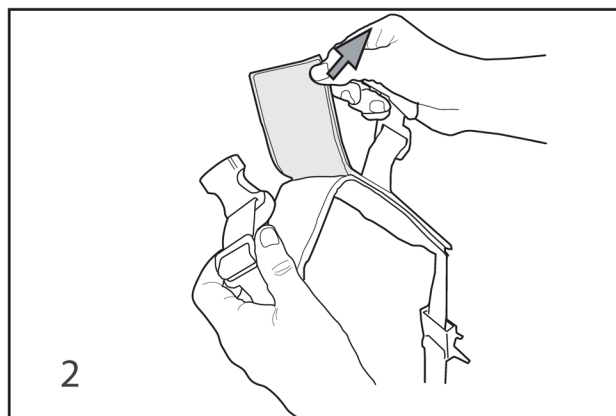
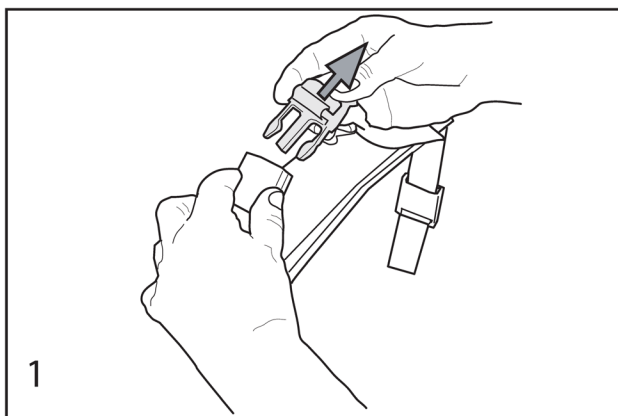


## Extra pelvis support

To get good support for the pelvis and torso stability, we recommend the use of the SitRite seat system together with a waist belt and thigh support. This seat has an economically integrated seat cavity that prevents sliding and affords optimal pelvis positioning. This moves pressure from the pelvis to the thighs, thereby reducing pressure on exposed areas of the body.



# **Installation instructions, waist belt** **Waist belt for adults, Item 80151800**



**EUROFLEX®**

## SEAT HEIGHT, SitRite and Comfort - electronic setting

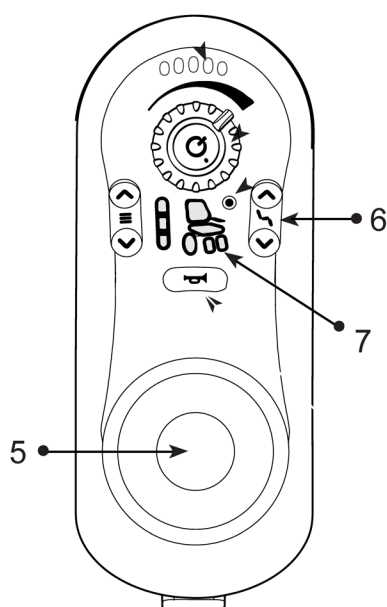
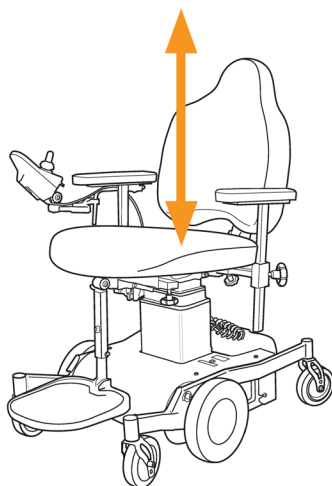
The seat can be raised and lowered steplessly to any height, and the selected height will be automatically locked in. Start the wheelchair electronics by pressing the on/off button (1).

### LINX REM211

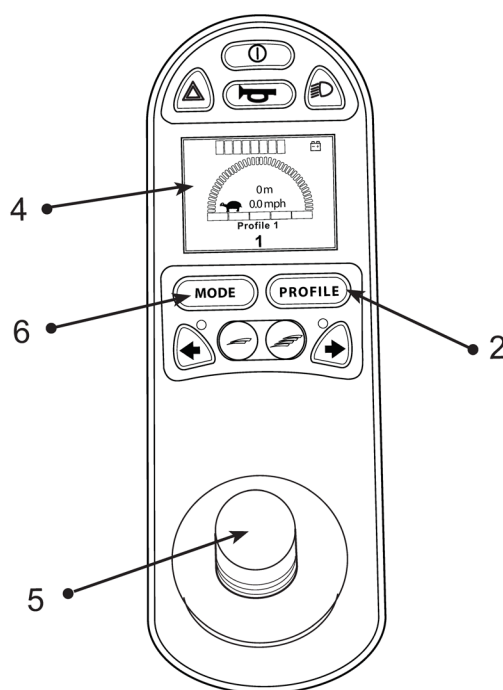
Select "seat lift symbol" (7) by pressing the up or down arrow in the select seat function button cluster (6), or by moving the joystick (5) to the right or left until the "seat lift symbol" comes on. Then move the joystick forwards to raise the seat, and backwards to lower the seat.

### PG R-Net

Press the "MODE" button (6). Then move the joystick to the right or left until the seat lift symbol (4) comes on. Then move the joystick (5) forwards to lower the seat, and backwards to raise the seat. The height adjustment stops automatically once the joystick is released. To return to run mode, press the "PROFILE" button (2) and the selected run program will be shown in the display (4).



LINX REM211



PG R-net

## SEAT TILT, SitRite and Comfort - electronic setting

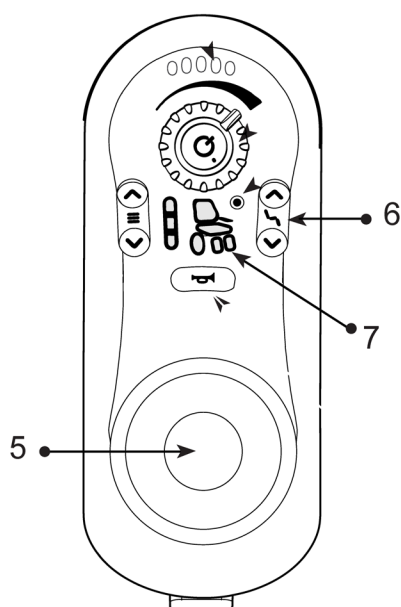
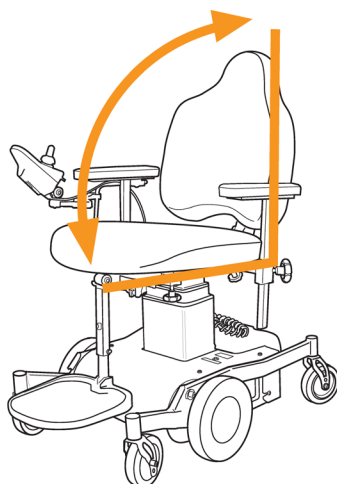
If the seat is equipped with electronic seat angling/tilt, this function is activated via the control box.

### LINX REM211

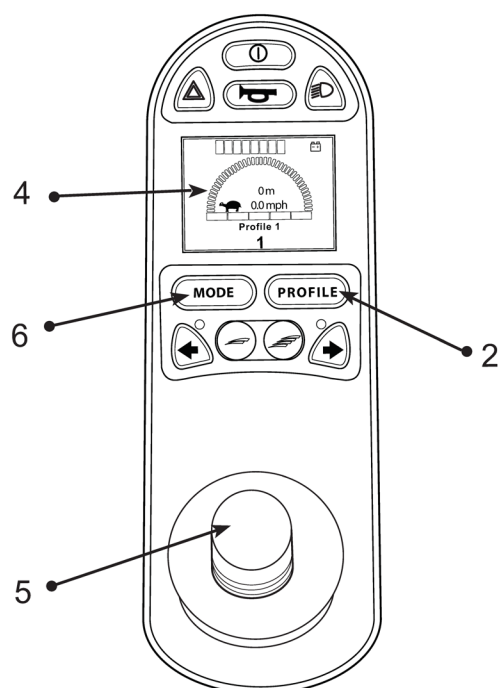
Select "seat tilt" (7) by pressing the up or down arrow in the seat function button cluster (6), or by moving the joystick (5) to the right or left until the "seat tilt symbol" light comes on. Then move the joystick forwards to tilt the seat forwards, and backwards to tilt the seat backwards.

### PG R-Net

Press the "MODE" button (6). Then move the joystick to the right or left until the seat tilt symbol light (4) comes on. Then move the joystick (5) forwards to angle the seat forwards, and backwards to angle the seat backwards. Seat angling stops automatically once the end positions are reached. To return to run mode, press the "PROFILE" button (2) and the selected run program will be shown in the display (4).



LINX REM211



PG R-net

## Back support angle, SitRite and Comfort - electronic setting

If the seat is equipped with electronic back support angling, this function is activated via the control box

### LINX REM211

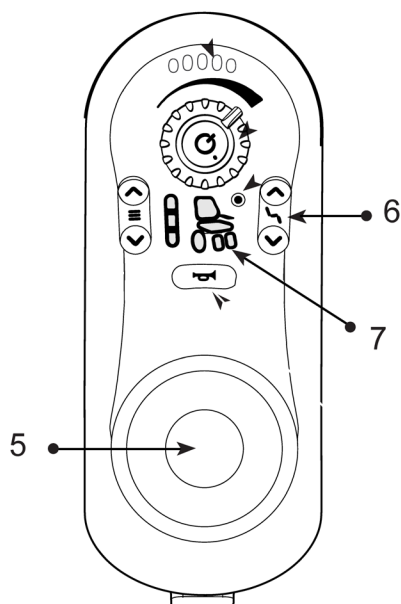
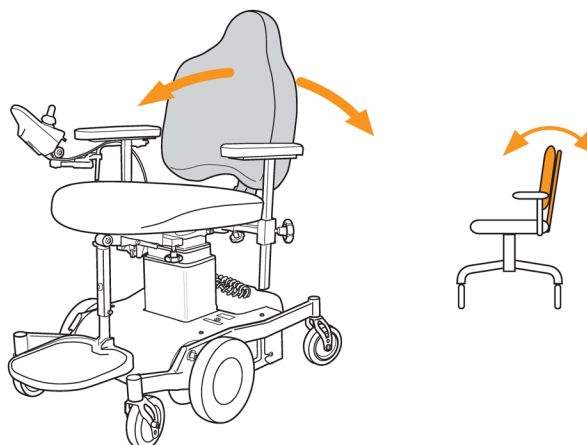
Select the *"back support symbol"* (7) by pressing the up or down arrow in the seat function button cluster (6), or by moving the joystick (5) to the right or left until the back support symbol light comes on. Then move the joystick (5) forwards to adjust the back support forwards, and backwards to adjust the back support backwards.

### PG R-Net

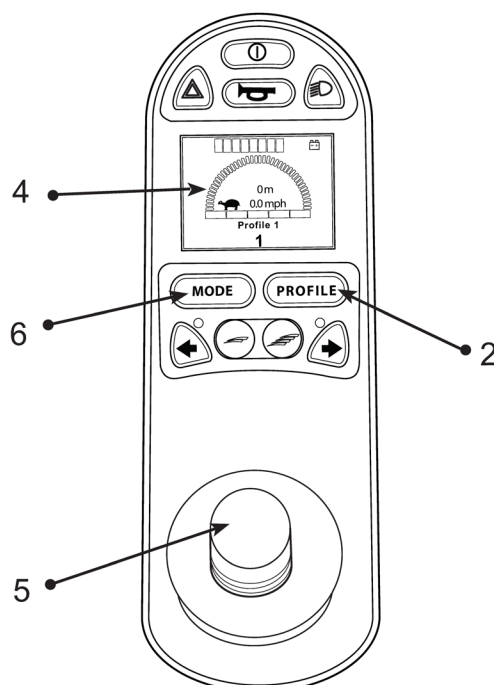
Press the *"MODE"* button (6). Then move the joystick (5) to the right or left until the back support symbol light (4) comes on. Then move the joystick (5) forwards to adjust the back support forwards, and backwards to adjust the back support backwards. Back support adjustment stops automatically once the end positions are reached. To return to run mode, press the *"PROFILE"* button (2) and the selected run program will be shown in the display (4).



NB Risk of crushing



LINX REM211



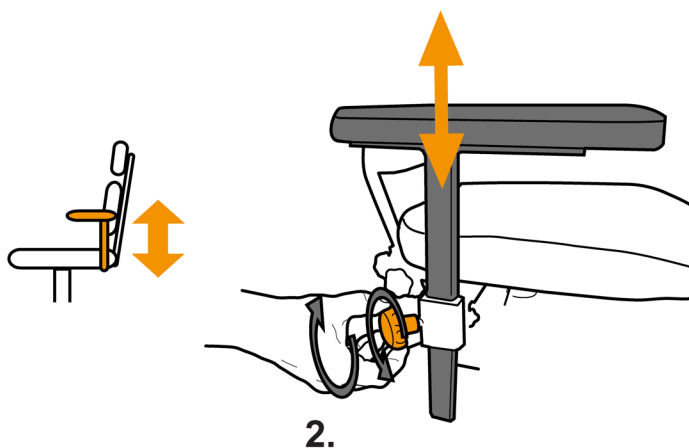
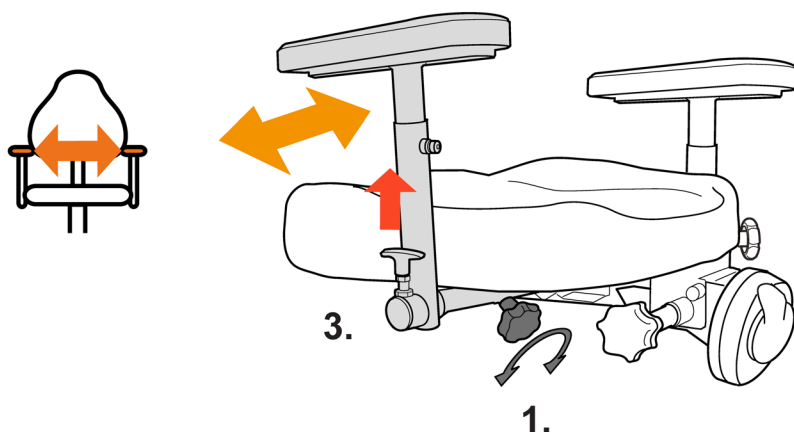
PG R-net

## ARMREST - height and width adjustment

To adjust the width between the armrests, loosen the wheel **(1)**. Adjust to the desired width and tighten the wheel. Repeat the procedure for the other armrest. Adjust armrest height by loosening the lever **(2)**. Adjust to the desired height and tighten the lever.

## ARMREST - backwards retractable

If the wheelchair is equipped with retractable armrests, they can be folded backwards to facilitate lateral movement and enable the user to get closer to objects, e.g. a table. Press the lever down in the direction of the arrow to retract the armrest backwards. To put the armrest back, lift it by hand to the upright position where it is locked automatically.

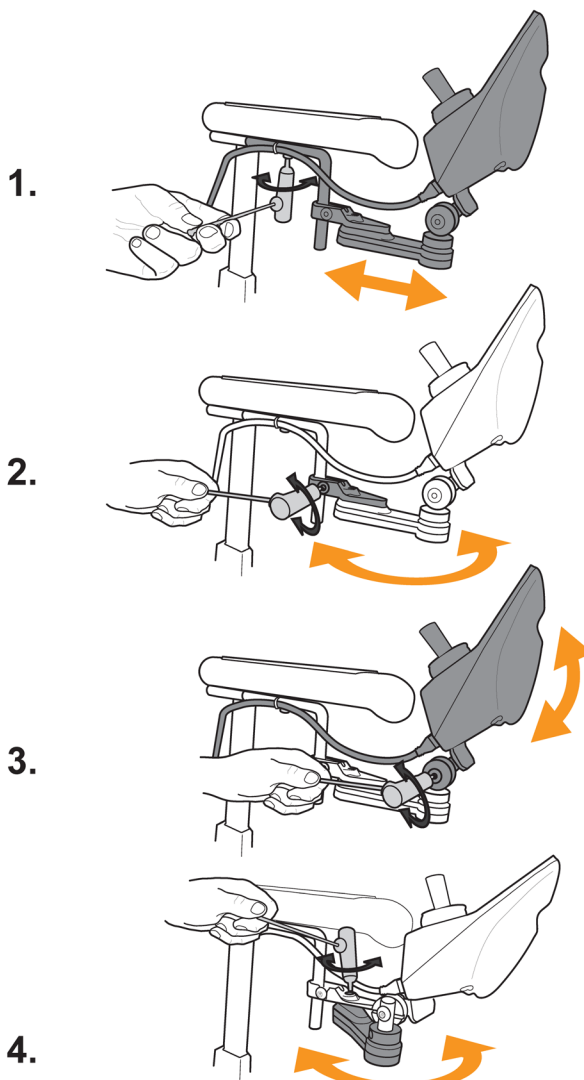


## CONTROL BOX HOLDER - adjustment

The position of the control box can be adjusted by loosening the screws **1**, **2** and **3** using a 5 mm Allen key. Loosen screw **1** to adjust depth, and screws **2** and **3** to adjust the angle and height of the control box. Set the desired position and tighten the screws. The control box can also be moved to the side and backwards in order to be out of the way when, for example, you want to get near to a table.



NB Risk of crushing!



## HEAD REST, SitRite - adjustment

If the chair is equipped with a head rest, the height can be adjusted by loosening the wheel **(1)**. Set the correct height and tighten the wheel.

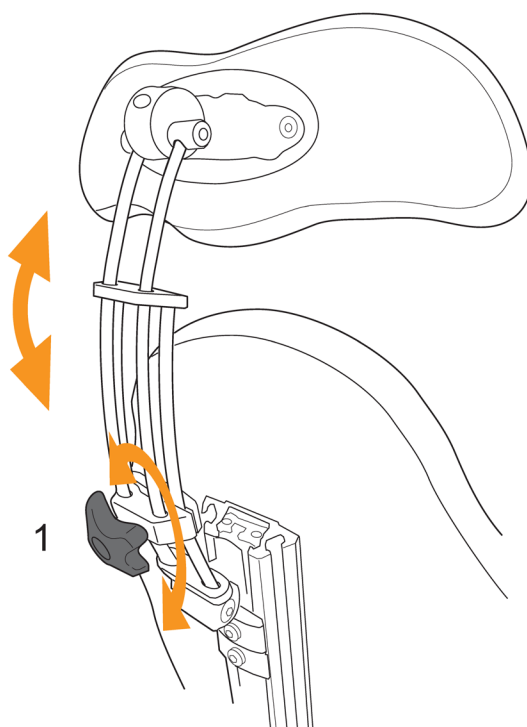


### **WARNING - RISK OF CRUSHING!**

When the wheel is loosened, the head rest becomes loose and can quickly fall down. Observe caution when adjusting!



**NB Risk of crushing!**





## HEAD REST, Comfort - adjustment

If the chair is equipped with a head rest, it can be adjusted by loosening the screws **(1, 2, 3)**. Then set the correct height and angle. Tighten the screws.

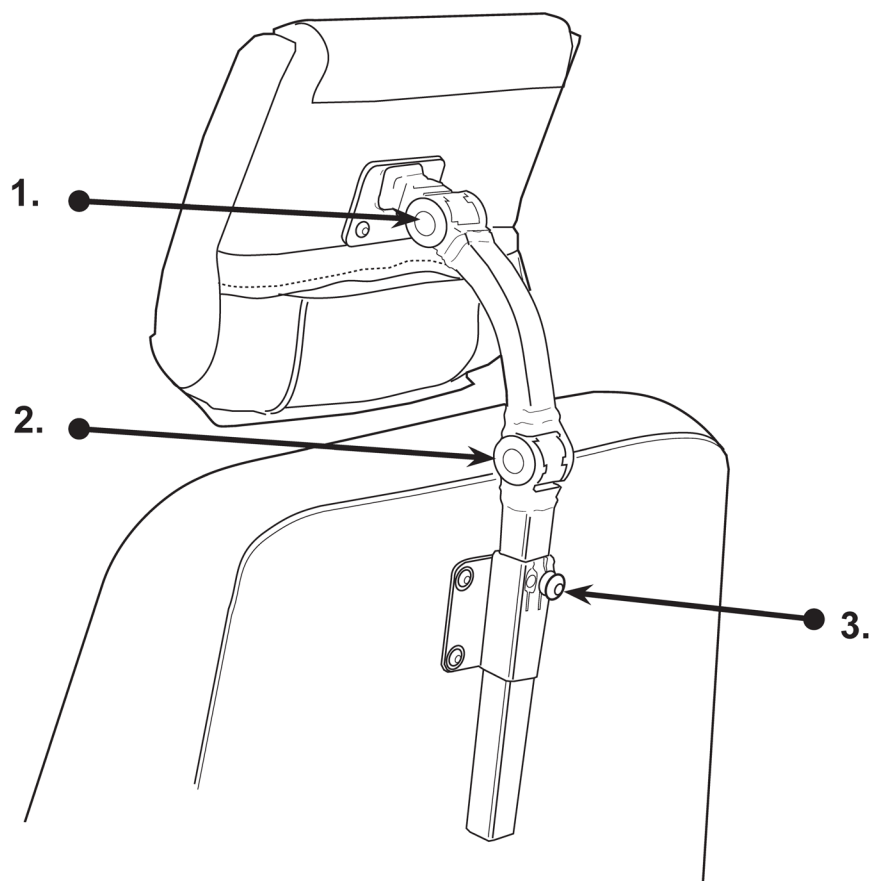


### **NB RISK OF CRUSHING**

When the screws are loosened, the head rest may suddenly fall down and forwards. Observe caution when adjusting!

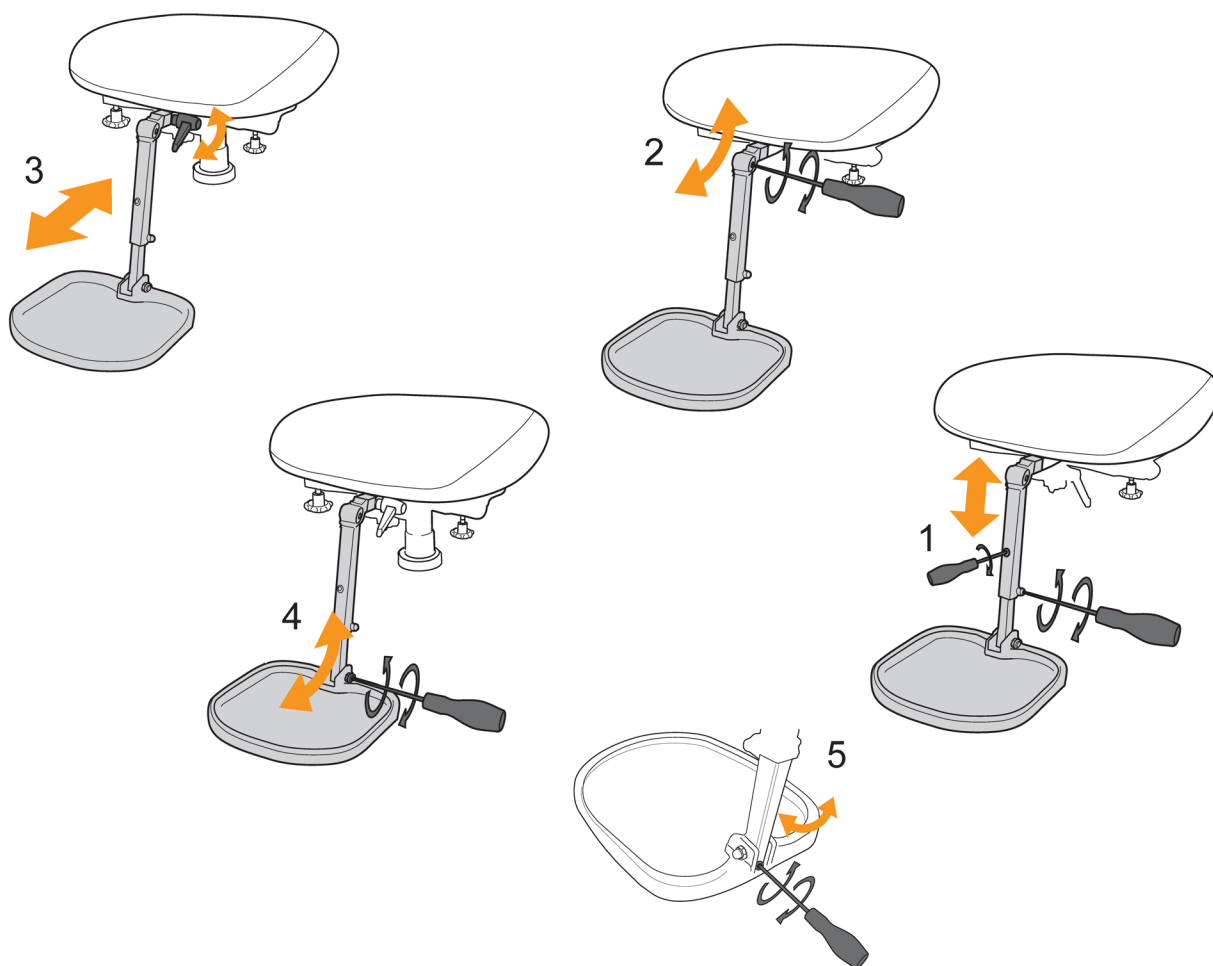


**Warning, risk of crushing!**



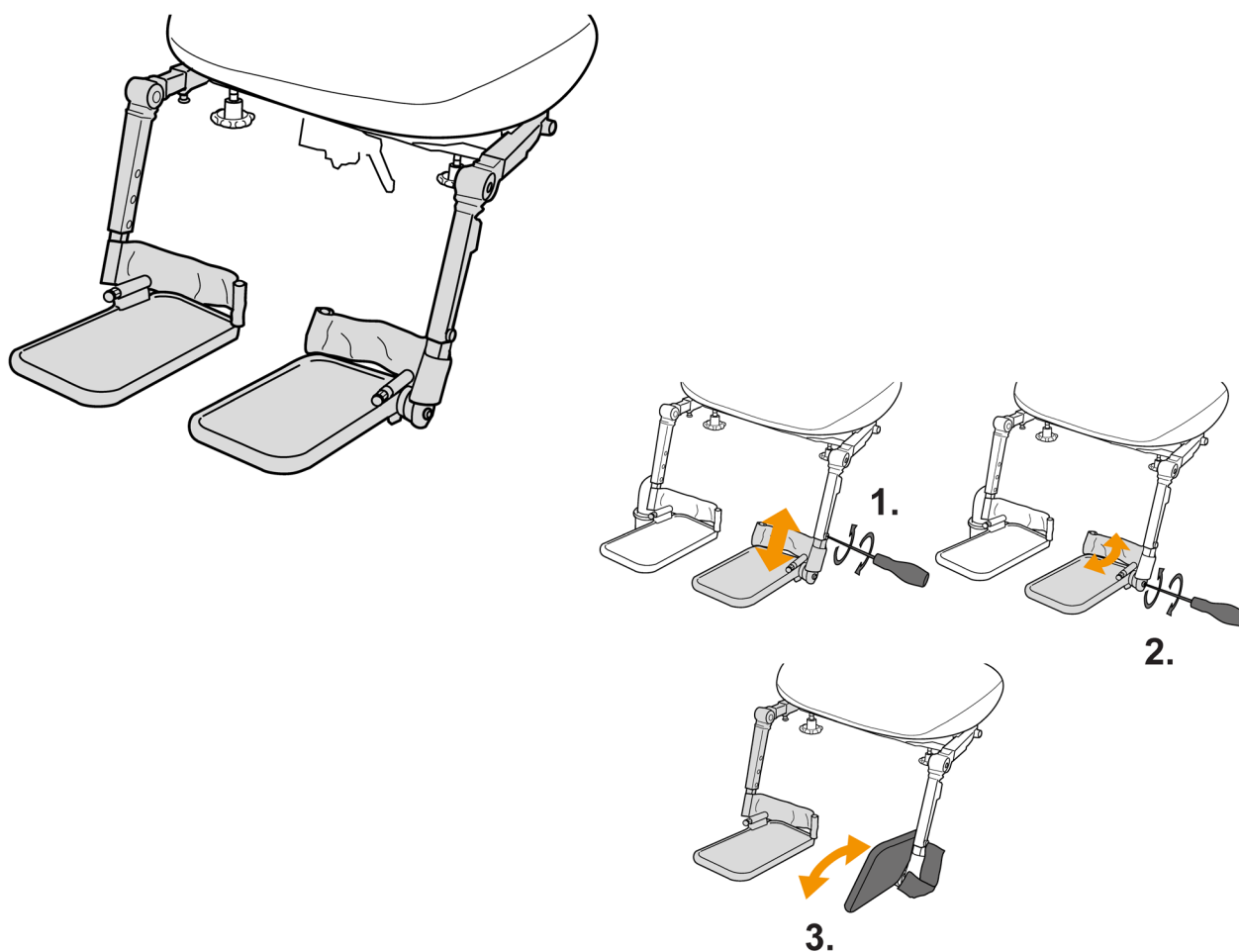
## LEG SUPPORT - complete footplate

If the chair is equipped with a complete footplate, its height and lower leg angle are adjusted by loosening screws **(1 and 2)** using a 5 mm Allen key. Adjust to the desired position and tighten. To adjust depth and footplate angle, loosen screws **(3 and 4)**. Set the desired position and tighten. The foot rest can be folded up to make it easier to get in and out of the chair.



## LEG SUPPORT - split footplates

If the chair is equipped with split footplates, their height and lower leg angle are adjusted by loosening screws (2) using a 5 mm Allen key. Adjust to the desired position and tighten. To adjust depth and footplate angle, loosen screws (2). Set the desired position and tighten. To adjust lateral footplate position, loosen the knob. Set the desired position and tighten the knob (3). The footplate can be folded up to make it easier to get in and out of the chair.



## LEG SUPPORT - split footplates

### Linx REM211

Press the up or down arrow in the (6) "seat function selection" button cluster or move the joystick (5) to the right or left until the "leg support symbol" light comes on. Then move the joystick (5) forwards to angle the leg support downwards, and backwards to angle the leg support upwards.

### PG R-net

Press the MODE button (6). Then move the joystick to the right or left until the leg support symbol light (4) comes on. Then move the joystick (5) forwards to angle the leg support downwards, and backwards to angle the leg support upwards.

## LEG SUPPORT - length adjustment

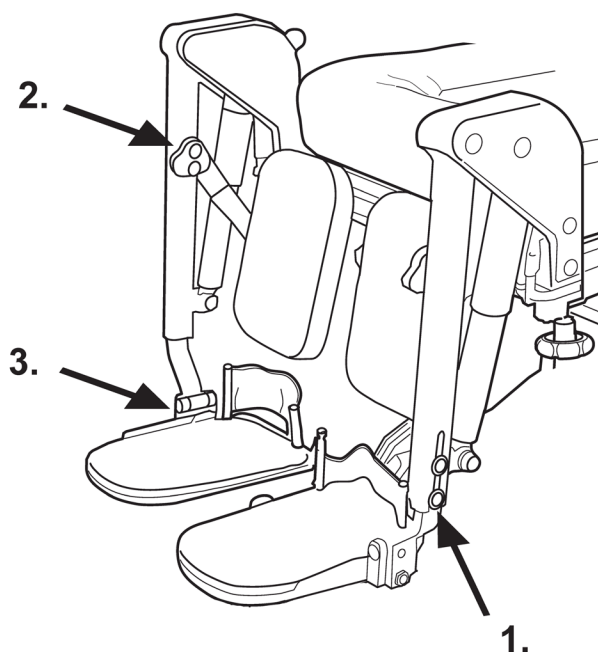
To adjust the length of the leg support, unscrew the screws (1). Pull out or press in to adjust the length of the leg support. Tighten all the screws.

## LEG SUPPORT - adjustment of footrest angle

Loosen the screws (3). Adjust the angle of the footrest plates.

## CALF SUPPORT - height and depth setting

Loosen the screws (3), set the correct height and depth.



## OPERATION OF ELECTRIC WHEELCHAIR

Turn on the main power and sit comfortably in the chair, allowing the arm with which you shall control the chair to rest on the armrest so that your hand has a comfortable grip of the joystick (5). Initiate the wheelchairs electronics by pressing the on/off button (1), wait a couple of seconds until the battery indicator light (3) stops flashing.

### LINX REM211 / PG R-net

Select the required operating program using the button (2) or the "Profile" button in PG R-net. Press the button/arrow upwards to select a faster operation profile or downwards to select a slower program. The more green lamps lit on the display (9) the faster the selected operating profile and the quicker the wheelchair will move. To set the speed of the selected operating profile, turn the wheel (4) in Linx or press the button (4) in PG R-net to the right to increase speed, or to the left to reduce speed. Then move the joystick in the direction you want to go and the wheelchair will move accordingly. Release the joystick and the wheelchair will immediately come to a stop.



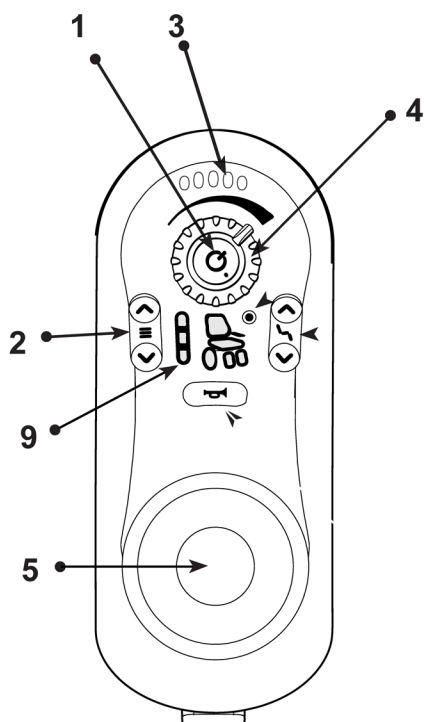
**During operation, you must not**

- **press the on/off button!**
- **suddenly start moving in the opposite direction!**

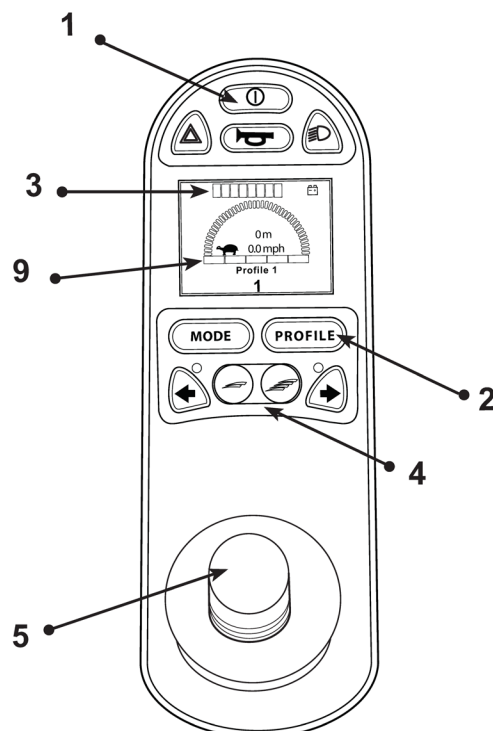


**NB RISK OF INJURY!**

Make sure that there is plenty of space around the wheelchair when operating it for the first time. Practise reversing, turning, and driving at different speeds to get used to how the wheelchair behaves in different situations. Be careful when passing obstacles such as thresholds or suchlike.



LINX REM211



PG R-net

## Tips and advice when practising operating the wheelchair

It is important that you learn how your electric wheelchair works in different operating situations. Practise is the key to developing your skill in operating the wheelchair. In the beginning, do not practise alone and only in environments where no-one/nothing can be injured or damaged, such as in a taped out area that corresponds to the layout of something like a lift.

### Practise starting and braking

- In the beginning, it may be difficult to start moving the wheelchair smoothly. Take your time and learn to drive the chair easily. Doing this makes things more comfortable and reduces the risk of you hitting things. Try to be gentle with the wrist and make sure your underarm is supported against the armrest.

### Practise gentle braking

- Quick braking is not difficult, simply let go of the control lever.
- Learn how much distance your wheelchair requires to brake before it comes to a stop in a comfortable, controllable way.

### Practise driving over thresholds

- Low thresholds (5-15 mm). Make sure that the wheels are pointed directly at the obstacle and pass over it carefully.
- You might need to approach high thresholds (15-30 mm) at an angle.

### Practise turning right and left.

- Note how much floor space is required to turn the chair a full turn.

### Practise reversing

- Reverse gently and slowly. Note how the wheelchair reacts in a completely different way when you turn.
- Release the control lever if you lose control of the wheelchair and start again. Lean slightly forward when reversing over a threshold.

### Practise using the wheelchair in narrow corridors

- Practise going through doorways from the side and straight on. Also practise reversing into tight spaces.
- Avoid very narrow corridors.

### Practise braking

- Put the control lever in neutral.
- Emergency stop. Release the control lever. **Stopping distance at 5km/h = approx. 1 m**



- *A raised seat lift and angled seat tilt or back tilt changes the centre of gravity and increases the risk of the chair flipping over!*



- *Only use seat functions on flat ground and always drive with great care and at low speed!*



- *Remember, surfaces with a camber can affect steering*

## OPERATION RESTRICTIONS for inclined and uneven surfaces



**NB!** Make sure that the seat lift is in its lowest position before operating!



**NB!** Do not turn or cross-brake the wheelchair on an inclined surface.



**NB!** Maximum height for a threshold going forwards is 40 mm, and going backwards 30 mm.



This wheelchair is only designed to be used indoors and is built to handle obstacles of up to 40 mm. These obstacles should be driven over at an angle or perpendicular to the obstacle.

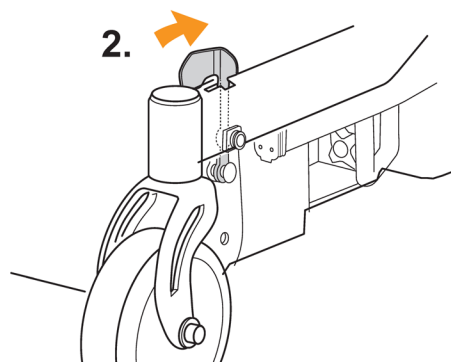
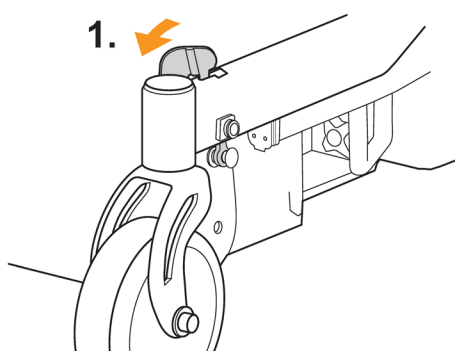
## RELEASING THE BRAKES

To make it possible to transport the wheelchair on the wheels with the electronics switched off, the brakes/motors must be disconnected. This is done by switching off the electronics and “moving the red lever by the chassis leg adjacent to the rear swivel wheel forwards until the lever locks itself in the forward position” (1). The chair can now be transported without the motors braking. To return to operation “press the red lever out of the notch” and start the electronics. If the electronics are started while the brakes are disengaged, an error message will be returned on the control box. Switch off the electronics, engage the brakes and restart the chair, and the error message will disappear.



**RISK OF INJURY!**

**NB** Make sure the wheelchair is on level ground when the brakes are disengaged. Otherwise, the wheelchair may roll away without control.





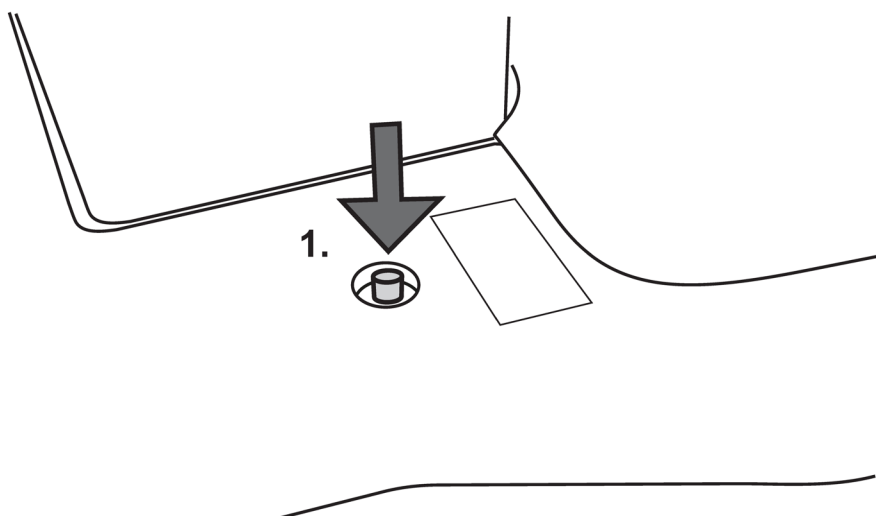
## CIRCUIT BREAKER/MAIN POWER SWITCH

The circuit breaker is located between the protective covers under the seat (1). The circuit breaker trips if a serious electrical fault occurs in the wheelchair. The button travels out about 8 mm and a white line becomes visible. The circuit breaker also acts as a main power switch. During storage, the circuit breaker should be in the triggered position.



**NB** When charging the batteries for maintenance, the circuit breaker must be pressed in!

During transport by air, it is usually a requirement that the batteries be disconnected; to do this the circuit breaker can be used, which must be tripped in this case.



## CHARGING BATTERIES

To maintain the full battery performance for as long as possible, it is important that they are charged regularly; if the chair is used every day, the batteries must be charged daily. Do not interrupt the charging process before it is finished. Do not charge in confined, unventilated areas as there is a risk of gas build-up. During storage, the batteries should be charged about once a month to prevent them from discharging to the critical level where the charger can no longer start the charging process. Do not leave the chair charging for long periods of time as this is not good for battery life.

### Battery indicator

**The last yellow LED goes out = max 12 mins remaining operating time (approx. 700 m).**

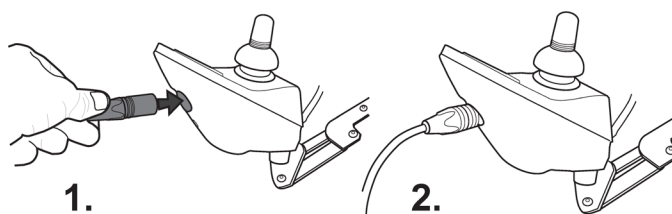
**A flashing red LED = wheelchair must not be used, needs to be charged immediately**



**NB**

If the batteries are damaged, avoid all contact with them to prevent caustic burns. Contact an authorised workshop as soon as possible. Used batteries should be handed in for recycling. Only use the included original batteries from Eurovema Mobility AB (Yuasa NPC24-12V 24Ah).

1. Connect the charger's contact to the control unit on the chair. It is located on the front of the control unit. See figures **1** and **2**
2. Connect the charger's wall plug.
3. Check charging has started with the help of the charger's indicator lights. Information about the charger is enclosed with the charger.
4. Once charging is complete, the charger must be turned off or the plug removed from the wall socket, then charge the contact from the control box.



## GUARANTEE

Our products come with a 2-year guarantee against manufacturing defects/damage. Upholstery, wheels, and batteries are not covered by this. Instead, these items come with a 1-year guarantee. Normal wear and tear is not covered by the guarantee. We recommend our customers to use the product in accordance with the user manual. Expected service life is 5 years if used in accordance with our instructions, maintenance intervals, and correct use.

## SERVICE

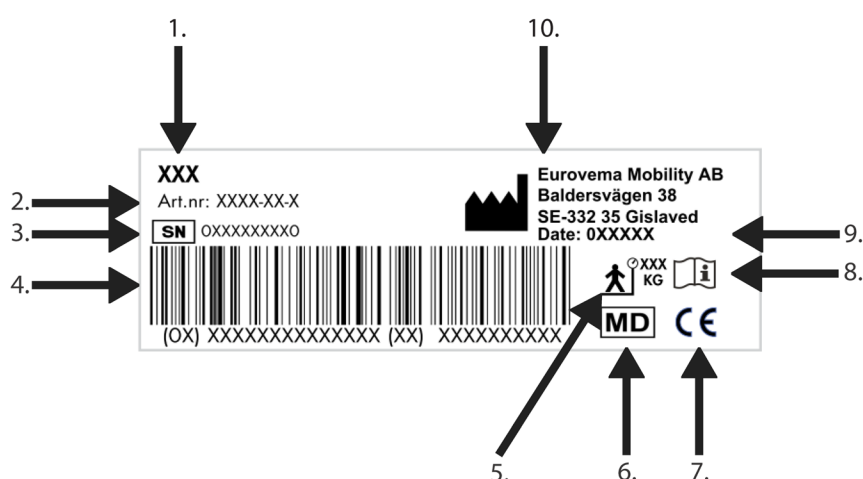
If the wheelchair is used a lot, i.e. every day, it should be sent to service for inspection once a year. This is to check that the function and safety of the wheelchair is maintained during its entire service life. If servicing is needed, please contact your Technical Aid Centre first.

## CE marking

This product is CE-marked in accordance with Regulation (EU) of the European Parliament and of the Council (2017/745) on medical devices - MDR. The CE mark is on the label. Tested and approved 31 May 2016 in accordance with standard EN 12184:2014. Fire tested in accordance with EB 1021 1, 2:2014 (Upholstery: Cigarette and matchstick fire).

### A manufacturing label can be read on the rear of the pillar

1. Product name
2. Part number
3. Serial number & UDI-PI
4. Barcode
5. Max. user weight
6. Medical device
7. CE marking
8. Read the manual before use
9. Manufacturing date
10. Manufacturer's name



## CARE AND MAINTENANCE

You will get more enjoyment from your electric wheelchair if it is cared for correctly. The batteries must be charged, the chair must be washed and dried, the tyres must be checked regularly, and the chair may require a drop of oil in the joints in order to prevent them seizing. It's a good idea to keep a Service Log!

### CLEANING

#### Covers and upholstery

Normal cleaning, wash the surfaces of the wheelchair with a lightly moistened cloth or brush dipped in a mild detergent and lukewarm water. Wipe off any excess water/detergent residues using a clean and dry cloth. Repeat the procedure if there is any heavy staining or dirt. If necessary, the cover can be machined washed at 60° Celsius.

#### Metal and plastic components

Normal cleaning, use a lightly moistened cloth or sponge dipped in a mild detergent and lukewarm water. Wipe the surfaces and dry metal and plastic surfaces using a clean, soft cloth. If necessary, wipe again using a pH-neutral disinfectant.



**NB** Never use solvents or abrasive kitchen cleaner or other aggressive chemical cleaners or cleaning fluids. These can damage surfaces and the structure of the material.



**NB** Never use a high pressure washer or steam washer when cleaning. These can damage the wheelchair and its electronics.

### FUNCTION

Every day, check that the electric wheelchair stops automatically when the control lever is released. If loose screws or loose parts are discovered in any part of the chair, or there are changes in driving characteristics, this must be remedied immediately because it may affect safety. Always contact a Technical Aid Centre if you need to have your electric wheelchair repaired. Always take care to tighten all knobs and screws after making seat adjustments.

### STORAGE

If the wheelchair is to be stored for a longer period without being used (a month or more), it should be stored in a clean, dry, room temperature space. The batteries should be charged approx. once a month in order to prevent them from being damaged.

## Technical data

Class  
Tested Standard  
Test date  
Chassis  
max. User weight  
Drive wheel  
Length  
Length with footplate  
Width  
Weight  
Range, fully charged  
max. Speed  
Braking distance, forwards  
Braking distance, reverse  
Turning circle 180°  
Ground clearance  
Obstacle tackling, forwards  
Obstacle tackling, reverse  
max. height for safe descent  
Static stability F/B/S  
Dynamic stability, upwards  
Dynamic stability, downwards  
'Dynamic stability, lateral  
Drive wheel  
Castors  
max operation time  
Batteries  
Charging time  
Charger  
Control system  
Seat height, low pillar SitRite  
Seat sizes, width x depth, cm  
Seat height, standard pillar, SitRite  
Seat sizes, child, width x depth  
Seat width, between the armrests  
Seat depth  
Seat tilt, forwards - backwards  
Back support, width x height  
Back support, angle adjustment  
Angle adjustment, leg and seat  
Electric/Manual  
Back support, child, width x height  
Head rest, size  
Armrest, height adjustment  
Armrest plate, size  
Cover, colour  
Transport height, low and standard pillar

## Data

A  
SS-EN 12184:2014  
31.05 2016  
Flexmobil i6  
150 kg  
Centre wheel driven  
860 mm  
990 mm  
575 mm  
97 kg  
15 km  
4.7 km/h  
0.5 m  
0.6 m  
550 mm  
40 mm  
40 mm  
30 mm  
50 mm  
6°/6°/6°  
3°  
3°  
3°  
2.8/2.5–4 NHS  
125 mm  
8.5 hours  
2x12 V; 25 Ah Yuasa AMG  
6–8 hours  
ECB-401 Easy Buddy 4A  
Dynamic or PG Control  
36–61 cm\* (Comfort 39–64 cm\*)  
40x40, 40x45, 45x45, 45x50, 50x50 cm  
45–85 cm\* (Comfort 48–88 cm\*)  
29x32, 32x36, 36x40, 40x40, 40x45 cm  
36–54 cm  
29–54 cm  
-14 to +23°  
37x43, 47x47 cm  
-8° to +32°  
97° to 168°  
80° to 180°  
30x37, 37x43 cm  
25 x 8 cm  
0–30 cm  
31 x 8 cm  
black  
420 mm / 525 mm

## TROUBLESHOOTING

### Problem?

### Remedy!

#### Does the wheelchair refuse to start?

Has the circuit breaker tripped?

Check the circuit breaker - see manual!

Are the batteries flat?

Charge the batteries - see manual!

Are the cables loose?

Contact the Technical Aid Centre!

#### Are the batteries not charging?

Has the automatic fuse triggered?

Check the circuit breaker - see manual!

Are the batteries completely discharged?

Contact the Technical Aid Centre!

Is the charger faulty?

Contact the Technical Aid Centre!

#### Does the battery indicator fall quickly even though the batteries are recently charged?

Are the batteries becoming worn?

Contact the Technical Aid Centre!

Is there a fault in the electronics?

Contact the Technical Aid Centre!

#### Are the status diodes flashing on the control box?

Have the electronics been started when the brakes on the chair were disconnected?      Switch off and engage the brakes

Is there a fault with the wheelchair?

Contact the Technical Aid Centre!

#### Is the wheelchair moving slowly?

Is the right drive programme selected?

Choose a faster run program - see manual!

#### Is the wheelchair unable to drive or move over obstacles?

Has too slow a drive programme been chosen?

Choose a faster run program - see manual!

## TRANSPORT OF ELECTRIC WHEELCHAIR

When transporting the chair in motor vehicles, it is important that the brakes are engaged. See section "Releasing the brakes". The chair should be strapped in place with straps. As an accessory, special attachment lugs are available in which attachment straps can be fitted.



**NB** The wheelchair is not designed to allow the user to sit in the chair during transport!

You can reduce the transport dimensions of the chair by removing the back support, armrests, and leg support.

The batteries in the wheelchair are sealed and are the GEL/AMG type, and also approved for transport by air

### Minimum transport dimensions

Flexmobil i6	Standard	Junior
Length	80 cm	80 cm
Width	58 cm	58 cm
Height	52 cm	44 cm
Weight	97 kg	95 kg

### Part weight

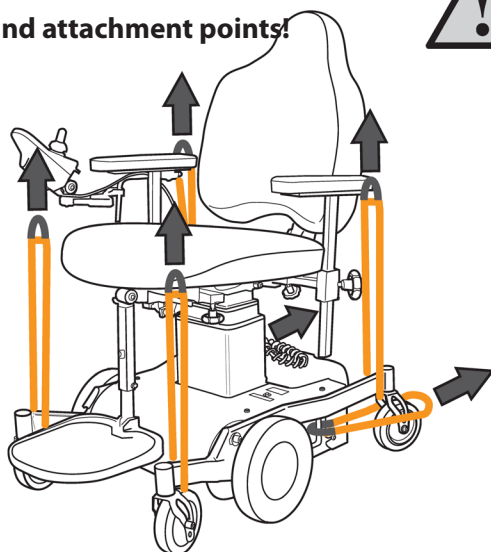
Back support	5 kg
Armrests	2 kg
Seat	9 kg
Footplate	3 kg



**Lifting and attachment points!**



**NB Attach on both sides!**



## Instructions for transferring the wheelchair user

- Prepare the location to which the user is to be transferred.
- Ask whether the user can help and clearly tell them everything you will do, including during the procedure.
- When transferring to a wheelchair, lower the armrest, remove or turn back in order to avoid contact or injury.
- Remove or swing away the footrest in order to prevent getting feet stuck in the transfer. Place the wheelchair at the same height or slightly lower in order to facilitate a safe transfer.
- Depending on the transfer method, having the wheelchair parallel with the transfer point may enable a safer and easier transfer.
- Make sure that the brakes are engaged and that the wheelchair is stable.

## Perform a person wheelchair transfer

- Make sure the user has a walking belt or transfer strap.
- Stand as close to the user as possible. Be careful with the foot attachment.
- It is recommended that real shoes are used. Sandals or slippers do not provide adequate support to ensure a safe transfer.
- Help the user get to the front edge of the wheelchair.
- Make sure that both of the user's feet are steady under their body.

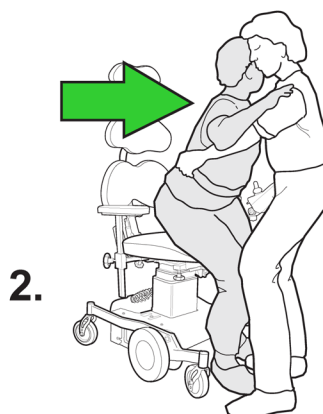
**Figure 1.**

- Lift the belt as the user angles themselves forward and gets up.



**Figure 2.**

- Hold the user's weaker knee between your knees in order to help them slowly get down into the wheelchair.
- Position the patient in stable sitting position and screw the armrest in.





## Reconditioning and reusing the wheelchair

This wheelchair is suitable for reconditioning and reusing. This means that if the wheelchair is no longer used by the original user, it can be renovated for use by another user. If you can no longer use the wheelchair, we strongly recommend that you contact your local authorised supplier to have the chair collected for renovation and reuse.



**NB Reconditioning of the wheelchair must only be carried out by an authorised individual!**

**NB** The wheelchair must be reconditioned in accordance with the dealer's reconditioning instructions. This includes replacing all stop parts, complete disinfection of all parts of the product, and a complete technical examination of the wheelchair and all its accessories.



**Warning! Hazardous products**

Disinfectant may only be used by authorised personnel. All parts of the wheelchair can be cleaned with disinfectant.

### Scrapping the wheelchair

If you are no longer using your wheelchair, contact your authorised dealer who will take care of recycling your wheelchair. If you want to take care of the recycling yourself, ask your local municipal waste management company about the rules that apply in your location.

## Source separation

### 1. Metals

- chassis
- swivel wheels, rim
- seat cross
- lifting pillar (not motor)
- actuator (not motors)
- armrest tube
- joystick holder
- leg support
- head rest, frame
- back support, frame
- protective plate, chassis
- electronic plate
- free-wheel brake plate
- shafts, bearings
- brake wires
- bolts, washers, spacers, screws, and nuts

### 2. Metals

- fabric cover
- cellular plastic
- swivel wheels
- drive wheel
- adjustment knob
- rubber bushes
- cable protectors
- straps and belts
- grommets
- armrest plates

### 3. Wood

- seat and back support, plywood

### 4. Electronics

- Power module
- control box
- actuator motors, drive motors, pillar lift motor, circuit breaker, chronometer and cables

### 5. Plastic

- protective cover for batteries

### 6. Hazardous waste

- batteries

# Reconditioning checklist for electric wheelchairs for indoor use

Electric wheelchair..... Serial no.....

User.....

Recommended service interval is once per year, or more often if the user is heavier or spastic, as this may result in the wheelchair being exposed to heavier loads.

## **Electronics and electrical system**

(Test of control system, cleaning, any adjustment. Check of actuators, attachments, enclosures, cabling, etc.)

## **Wheels and wheel suspensions**

(Check of wear and play, cleaning, adjustment, lubrication, replacement of wheels, wheel forks, wheel bolts, etc.)

## **Lifting pillar**

(Attachment, wipe externally, otherwise maintenance-free)

## **Battery**

(Check of status, condition, contacts, load test)

## **Wheels & knobs**

(Lubrication and cleaning)

## **Seat and back mechanism**

(check of attachments, wear, play, cracks, etc. lubrication)

## **Armrests**

(Cleaning, replacement of armrest plates)

## **Upholstery**

(Cleaning or wash at 60°, replace if necessary.)

## **Leg support**

(Cleaning, check of wear, condition)

## **Free braking mechanism**

(Function check, adjustment and lubrication of wires)

## **Any extra equipment**

(Cleaning, lubrication, function test)

## **Test operation & function test**

(Steering, braking, charging and all operations)

- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
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