

# Instructions



for proper usage  
of mechanical wheelchair IRIS



**KURY**

Dear user,

The mechanical wheelchair KURY is constructed in a way to meet the highest requirements of quality, functionality, safety and design. The wheelchair is made of light aluminum alloys and that is why it requires proper usage and common every-day maintenance.

Please read all usage instructions before you start to use the wheelchair.

According to §12 clause 2 law no. 22/1999 Coll. about the assessment of the conformity of rehabilitation aids and declaration of conformity, and according to §7-10 of government ordinance no. 180/1998 Coll. and appendix no. 1 of this ordinance, and according to §13 of law no. 22/1997 Coll. and §11 of government ordinance and in accordance with European directive 93/42 EHS, there has been an assessment of conformity of their properties with the requirements for the safety of the product included in this user's manual.

**?** We will gladly answer all your possible questions on phone +420 466 936 139 or on the company website [www.kury.cz](http://www.kury.cz).

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DESCRIPTION OF THE BASIC PARTS

- |   |                  |   |               |
|---|------------------|---|---------------|
| A | WHEELCHAIR FRAME | F | FRONT WHEEL   |
| B | SEAT             | G | FOOT REST     |
| C | BACK REST        | H | BRAKE         |
| D | MUD GUARD        | I | TEXTILE PARTS |
| E | REAR WHEEL       | J | PUSH RIMS     |



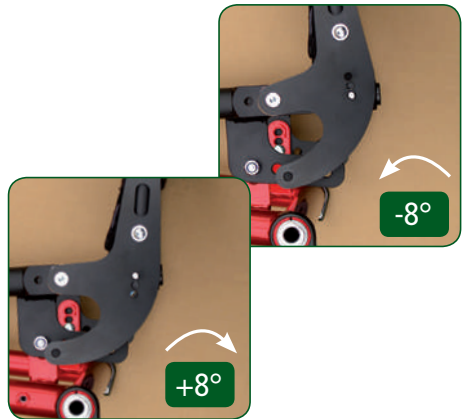
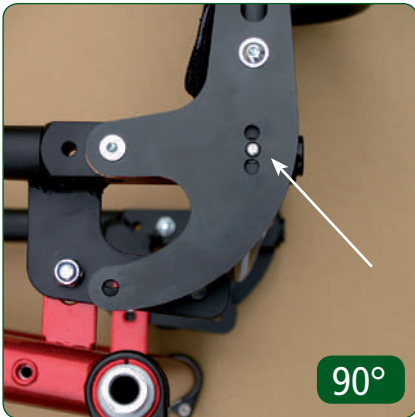
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### TILTING OF THE BACK REST

To adjust or tilt the back rest, use the elastic drawbar.

Pull at the wire – the securing pins will loosen and you will be able to set the angle of the back rest (8 degrees forward, 8 degrees backward) or tilt the back rest completely (see photo).



The hole on at the bottom of the section of the seat holder (*see the arrow*) serves to secure the tilted back rest and makes further manipulation with the wheelchair possible

Provided that safety is ensured, it is possible to adjust the angle of the back rest while sitting on the wheelchair.

## REMOVING THE REAR WHEEL

1. Make sure that the wheel is not stalled.
2. Press the button at the centre of the wheel by your thumb. Put the other fingers under the spokes and pull lightly at the wheel along the axis.
3. To attach the wheel back on the wheelchair, please follow the instructions in reverse order. The central button has to be pressed!



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## REPLACING THE CASING OF THE REAR WHEEL

Replacing the casing of the rear wheel with the possibility of adjusting the angle of the rear wheels (0 to 4 degrees)

Loosen the sleeve  
– use hexagon key no. 5.

Pull the sleeve out.

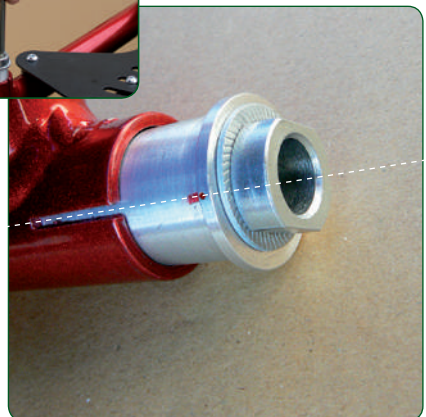
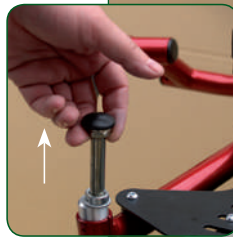
Using the rear wheel axle  
pull out the original casing.

Insert the casing with the desired  
tilting angle. Use a wrench no. 17  
for an exact adjustment  
of the guiding mark towards  
the groove on the tube of the frame.

Pull the sleeve back on  
and tighten it with hexagon key no. 5.



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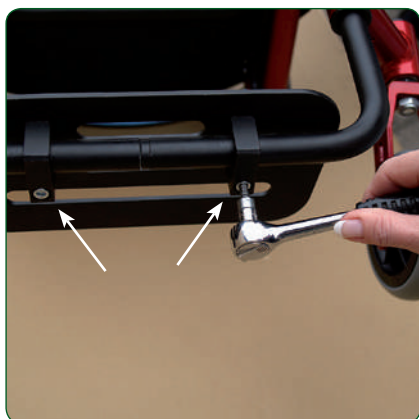
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## ADJUSTING THE FOOT REST

### Setting the height of the foot rest

On both sides of the wheelchair frame, loosen the bolts (M5) and remove them. Pull the sides of the footrest on both sides in or out to the desired height. Put the bolts back in and secure them with a self-securing nut.



### Setting the angle of the foot rest

Use the hexagon key no. 5 to loosen the bolts in both holders.



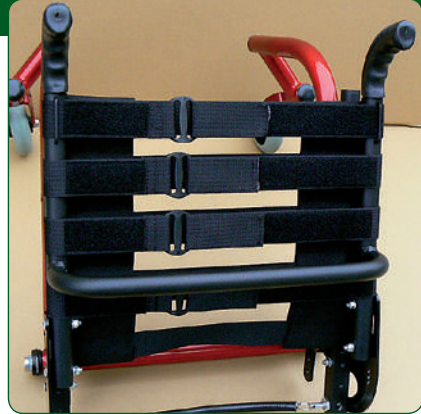
Set the angle of the footrest as you desire and then firmly tighten the bolts again.

## ADJUSTING THE TEXTILE PARTS

### Setting the firmness of the textile padding of the back rest

By using the clasps and Velcro adjust the tension in the back rest as you desire.

Fasten the textile back rest as you desire.



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## ADJUSTING THE BRAKES

### Adjusting the pressure of the brake pin

Loosen the bolt M8 and move the whole brake towards the wheel.

Tighten the nut lightly.

Check the pressure.

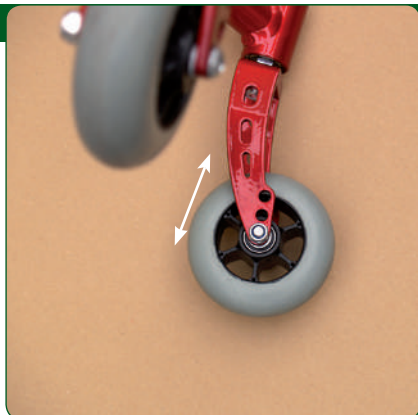
Tighten the nut firmly.



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**ADJUSTING THE CENTRE OF GRAVITY**

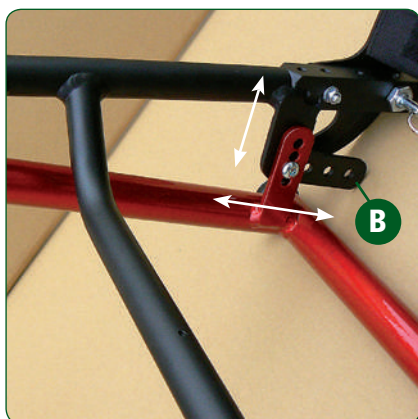
Wheelchair IRIS has a firmly defined frame.

The size (diameter) of the wheels:  
- front wheels R 100/125  
- rear wheels R 24 x 1"  
or R 24 x 1 and 3/8"

By moving the fixation of the front wheel in the fork, the centre of gravity moves towards the rear wheel.



The adjustment of the height of the seat together with the back rest is done by moving parts "A" and "B" (see picture) as the user needs.



If the structure of the seat frame is moved towards the back (by part "B"), the centre of gravity shifts towards the rear wheel.



## PUSH RIMS

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There are two types of push rims:

- aluminum with elox coating
- stainless
- coated with softened plastic

Stainless push rims can be repaired.

Aluminum push rims, if the elox coating is damaged, can make the hands dirty and cannot be repaired.

Coated push rims cannot be repaired.

## PROTECTORS OF THE SPOKES OF THE REAR

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The protectors of the spokes of the rear wheels serve to protect the palms and fingers in case of unexpected movement of the wheelchair and prevent the hands from getting into the spokes if the wheel.

They cannot be damaged by hands.

## STATIC STABILITY

Problems with static stability may be caused by the user's inadequate way of sitting on the wheelchair, which decreases its overall stability.

- Do not lean extremely outwards from the wheelchair, avoid sudden energetic movements or leaning directly against the footrests.
- When riding down a slope, use the push rims to control the speed, do not use the brakes – it can be dangerous!

## DYNAMIC STABILITY:

When riding up a slope or overcoming a frontal obstruction, it is recommended to lean slightly forward.

When riding down a slope and overcoming a frontal obstruction, lean slightly backwards. At the same time always control the driving wheels and be ready to use the push rims to brake.

When riding up or down a slope, keep in mind the possible unevenness of the surface and make sure to avoid a collision and turning the wheelchair over.

When overcoming a frontal obstruction stop directly in front of it and make sure that you do not hit the obstruction with the foot-rests (the wheelchair could turn over, especially when riding down a slope). Move the driving wheels with an impulse in a way that the front wheels come onto the obstruction first, leaning your body

slightly forwards. Then give another impulse to come to the obstruction with the rear wheels, too. If the obstruction is not very high, it is sometimes better to get down the slope with your back first with your body leaning slightly towards the slope (forwards).

When overcoming an obstruction both up a slope or down a slope: both wheels have to get over the obstruction at the same time.

Never underestimate obstructions, if necessary, always ask another person for help.

Do not go down the stairs without the help of another person.

Before using the wheelchair outdoors it is recommended that you acquire certain skills and abilities.

## SAFETY RULES

- When getting on and off the wheelchair:
  - Have both wheels stalled (there is a danger of the wheel getting away and a fall)
  - Have the foot-rests folded up (it will make getting on and off the wheelchair easier)
- Before a ride
  - check the air pressure in the tires
  - check the function of the brakes
  - check the condition of the textile parts and the arm rests
- While riding:
  - be careful if the terrain is steep
  - do not lean against the footrests with all your weight
  - avoid sudden energetic movements that could break the stability of the wheelchair
  - if necessary, always get another person to help you

## STORAGE AND MAINTENANCE

Store your wheelchair in a dry and dust-free place. Improper storage (cellars, garages etc.) can result in malfunction of the wheelchair and thus may cause danger.

### Continuous maintenance

- after riding in rain or snow, wipe all the parts of the wheelchair dry

### Weekly maintenance

- check the pressure in the tires, if necessary, inflate the tires to 0,3 MPa (rear wheels)
- clean the textile parts using common cleansing articles to clean upholstery, and lukewarm water
- clean the metal parts of the wheelchair with dry cloth and non-aggressive cleaning materials for cleaning metal.
- check the function of the brakes
- check the wear of the tires

### Monthly maintenance:

- weekly check-up
- check the allowance of the front and rear wheels
- check the allowance of the forks of the front wheels
- check the wear of the textile parts
- oil the axle of the rear wheel using standard oil for bicycles

### Yearly maintenance

- Once a year, we recommend that a check-up, adjustment and servicing be done at an authorized service station.

## GUARANTEE

The guarantee of the mechanical wheelchair is provided for 24 months from the date of purchase.

- The guarantee is applicable only to defects of the product caused by a defect of the material or a production flaw.
- The guarantee is not applicable to damage caused by incorrect usage of the wheelchair, incorrect maintenance and common wear of the wheelchair. The guarantee expires if the repairs have been carried out by an unauthorized person or by using spare parts that are not original.

## SERVICE

To use the service, please contact the manufacturer – the company KURY:

- tel.: +420 466 936 139
- fax: +420 466 936 138
- email: [kury@kury.cz](mailto:kury@kury.cz)
- web: [www.kury.cz](http://www.kury.cz)
- adresa: KURY spol. s r.o.  
Zdechovice 28  
533 11 Zdechovice  
Czech Republic



This instruction manual may depict models with optional accessories that do not necessarily have to be a part of the standard equipment. With regard to development, the manufacturer reserves the right to alter construction parameters without prior notice.

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**IRIS**  
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Made in Czech Republic.

