

**TOPRO
TROJA NEURO**

TOPRO



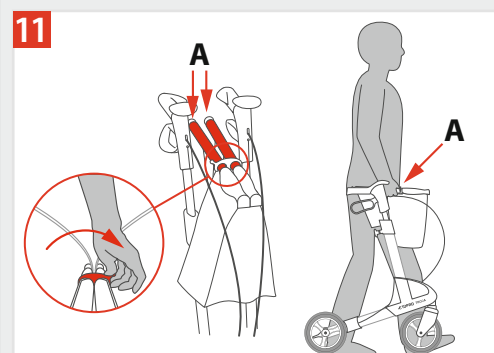
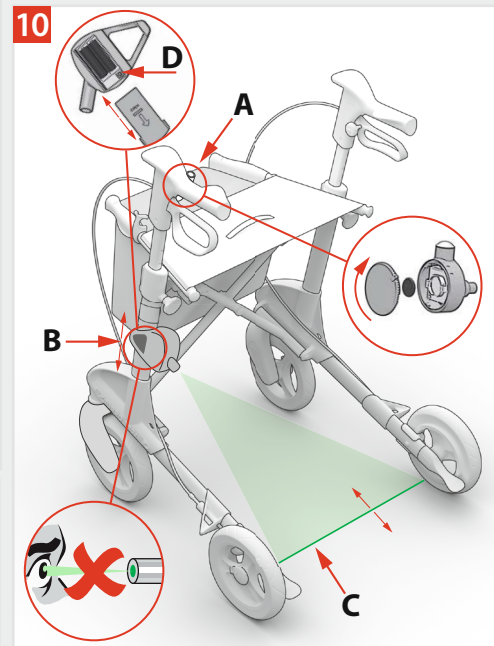
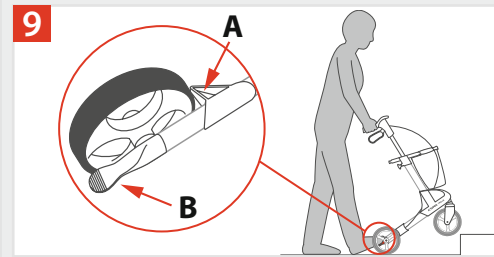
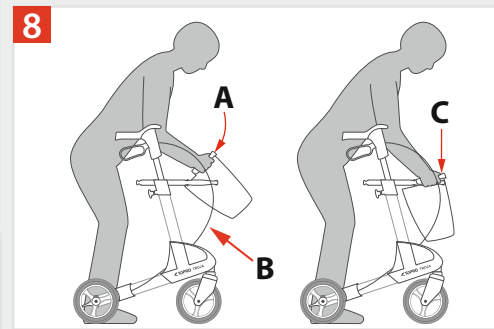
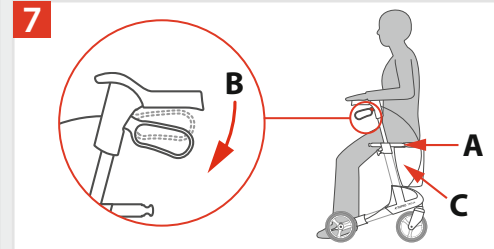
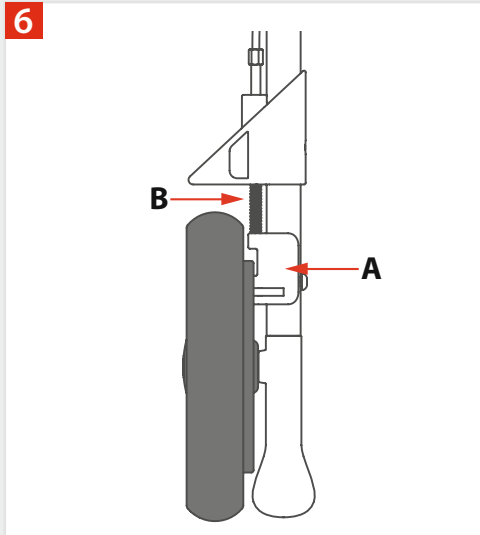
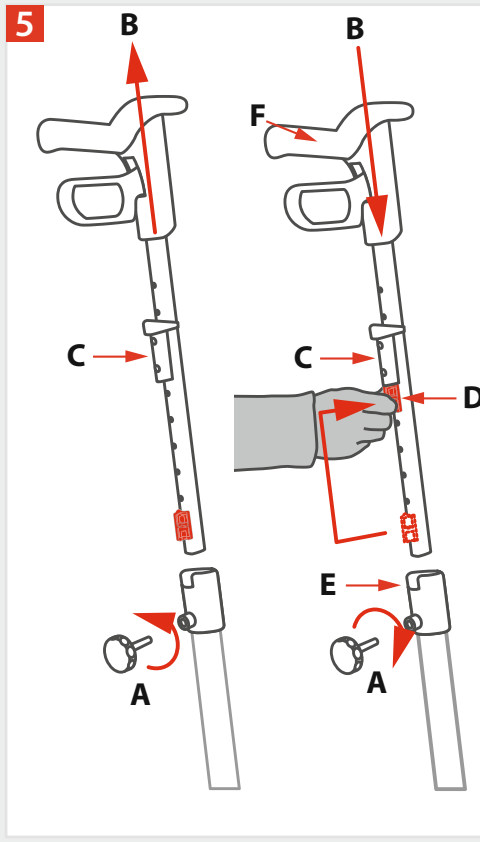
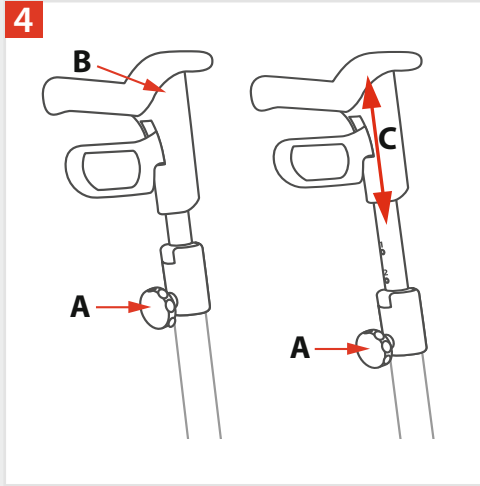
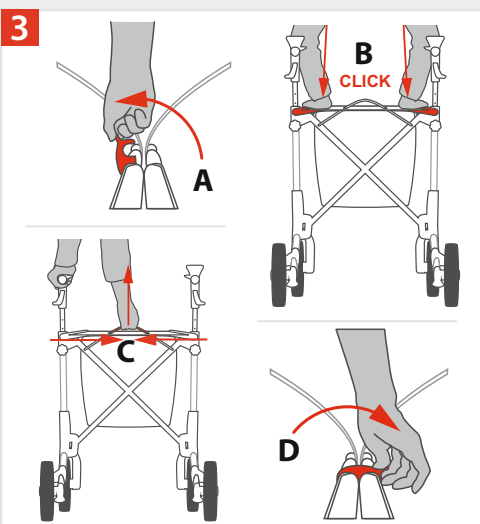
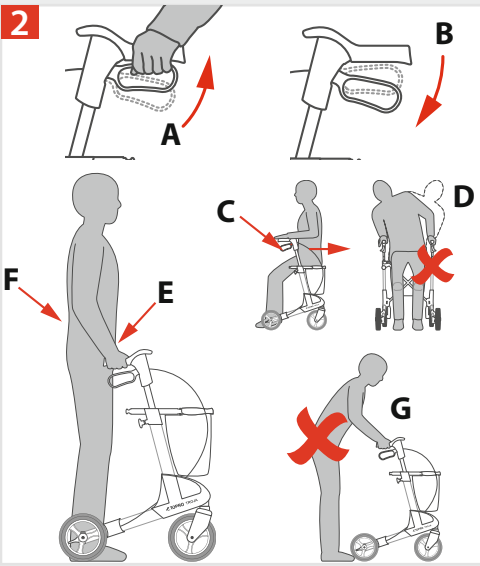
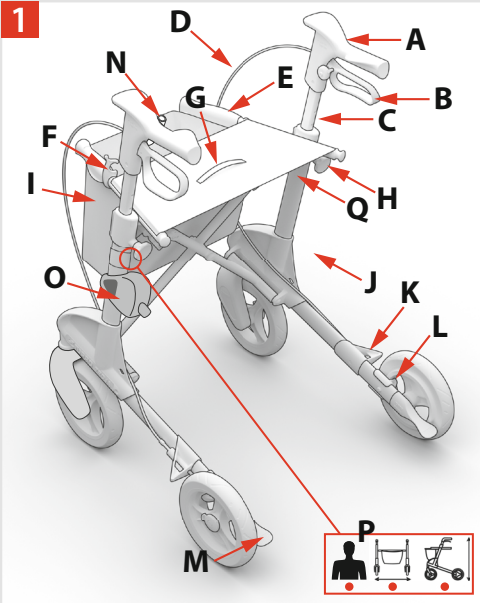

Made in Norway

NO	Bruksanvisning	3-7
EN	User manual	8-12
DE	Bedienungsanleitung	13-18
FR	Manuel d'utilisation	19-24
NL	Gebruiksaanwijzing	25-30

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CE

Standard model size M **814746**
 Standard model size S **814747**
 Laser & Sound model size M **814743**
 Laser & Sound model size S **814744**



Welcome as a user of a TOPRO PRODUCT

Every TOPRO product is developed, designed and manufactured in Norway. Due to advanced manufacturing by using the best equipment, we are able to offer great accuracy and maximum quality in all levels of our production. This product conforms to the Medical Device Directive 93/42/EEC.

On receipt of the goods, please check your product, if you have any queries please contact your mobility shop or dealer immediately. The same applies if you have general questions about the product. If you have problems reading this user manual, an electronic version is available on www.topro.co.uk.

Warranty // Expected life span of the product

TOPRO TROJA NEURO is guaranteed free of faults and defects for a period of 7 years. Damage caused by incorrect use or parts that are exposed to natural wear and tear (e.g. brake block, brake cable, wheel, seat, basket, handgrip, laser light and switch) are exempt from the 7 year warranty. For repairs during the guarantee period, please contact your local mobility shop or dealer. The warranty is void if unauthorised spare parts and accessories have been or are being used on the product.

The expected life span of the product is estimated to be 10 years, provided that it is used in the correct manner according to this user manual and its safety and maintenance instructions.

■ The red numbered squares below refer to the numbered illustrations on the inside of the cover.

Get to know your TOPRO PRODUCT 1

- | | | |
|------------------------------------|--------------------------------------|--|
| A Handlebar | F Lock clamp | K Edge guard |
| B Brake handle | G Seat with strap for folding | L Brake block |
| C Handlebar tube | H Lock wheel for the handle | M Tilt function |
| D Brake wire | I Basket | N Switch for laser light (option) |
| E Seat bars/carrying handle | J Side frame | O Laser light (option) |
- P** The label on the rear side of the left tube shows the product name/model and
- Maximum weight of user
 - Maximum width of rollator
 - Maximum height of rollator
- Q** The label on the rear side of the right tube indicates the serial number (SN) and production year and month.

Measurements	TOPRO TROJA NEURO M	TOPRO TROJA NEURO S
Recommended user height	1500–2000 mm	1350–1700 mm
Maximum weight of user	150 kg	125 kg
Maximum capacity basket	10 kg / 16 l	10 kg / 16 l
Handle height	780–1000 mm	710–860 mm
Maximum length	650 mm	650 mm
Maximum width	600 mm	600 mm
Width between handles	470 mm	470 mm
Seat height	620 mm	540 mm
Turning diameter	840 mm	840 mm
Diameter wheels	200 mm	200 mm
Width wheels	36 mm	36 mm
Handles	Ergonomic – several holding positions (TOPRO Ergo Grip)	
Grip distance driving brake	65 mm	65 mm
Height when folded	800 mm	740 mm
Width when folded	240 mm	240 mm
Length when folded	650 mm	650 mm
Product weight Standard model	7.8 kg	7.4 kg
Product weight Laser model	8.1 kg	7.7 kg

Intention

The TOPRO TROJA NEURO shall give support to users with reduced balance and/or reduced walking ability. It is designed to be pushed, not pulled. The rollator has a reverse brake system. The brake is activated at all times and released only when the brake handles are used. The aim is to increase the user's ability to maintain control. The integrated seat provides an opportunity for the user to rest if needed. The basket is designed for carrying items. The TOPRO TROJA NEURO can be delivered with a laser and sound unit, which may be of help for persons with Parkinson's disease who suffer from "freezing" episodes. The laser and sound unit is intended for use in a home healthcare environment.

The intended user is an adult. Height and weight restrictions apply, see table above. Contraindications: The product is

not suitable for persons with low strength in arms, with very poor balance, or with considerable cognitive disabilities. The product is designed and approved for indoor and outdoor use. For outdoor use, the rollator is intended to be an aid for walking on roads and paths. It is not suitable for rough and/or very steep terrain, neither for stairs.

Important to know about safety before use

- Take care when folding and unfolding to ensure not to injure your hands or fingers.
- Be aware not to put your fingers in open holes or between stationary parts.
- Check the brakes before use, and that the rollator locks into position when opened.
- Not to be used by persons heavier than the maximum user weight (see table above).
- Do not use to transport heavy loads or persons.
- The rollator is not a toy and therefore should be treated in an appropriate manner.
- Make sure that the lock wheel for height adjustment for the handles is locked tightly.
- Be aware that some parts of the rollator might feel hot or cold when exposed to extreme temperatures.
- A training by a skilled person is advised, to get to know the device and learn how to use it correctly.
- Do not alter the product as this might put your safety at risk and the warranty will be void.
- NB! Safety warnings for rollator with laser and sound unit:
 - Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
 - Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the laser & sound unit. Otherwise, degradation of the performance of this equipment could result.

Important to know about safety when in use **2**

- In order to move the rollator, the brake handles must be pushed in **A**.
- In order to brake, release the brake handles. This activates the parking brake **B**.
- The parking brake is always activated, when you do not push in the brake handles, to prevent the rollator from rolling away **C**.
- Do not lean or bend sideways or over the back of the rollator whilst in the seated position **D**. Do not tilt the rollator more than max. 5° sideways, to avoid risk of falling. Due to the same reason bags etc. must never be hung on the handlebars.
- To give the right support and safety, make sure the rollator is kept as close to your body as possible **E**.
- Walk straight, look forward and hold your backside in **F**. That is the easiest way to keep your balance.
- Do not push the rollator too far from your body as this can cause unnecessary strain and you could fall **G**.
- Do not use the rollator on stairs. Be careful when descending kerbs.
- Be careful when wearing flared skirts and trousers as they could get caught in the wheels, which could lead to falling.
We therefore recommend not wearing flared/wide clothing.
- For safety reasons it is prohibited to sit on the rollator during public transportation. Place your rollator securely.
- NB! Safety warnings for rollator with laser light:
 - Do not look directly towards the laser beam, as this may cause injuries on your eyes.
 - Do not use the rollator on reflective surfaces.
 - Before you remove the laser light unit from the rollator ensure that the laser light is not activated.

Assembling / adjusting

TOPRO TROJA NEURO is delivered assembled. Before use, you must unfold the rollator. The height of the handlebar tubes will then need adjusting to suit the user's needs. Please read the following paragraphs carefully.

Unfolding / folding **3**

Unfolding: Release the lock clamp positioned at the seat bars **A**. Press the seat bars down and out **B**. The side frames will slide apart. Press down the seat bars. You will hear a clicking sound. The rollator is now locked in its open position.
Folding: Pull the strap on the seat **C** and press the side frames together. Lock the clamp **D** over the seat bars.

Lowering and height adjusting the handles **4**

Lowering: Unscrew the lock wheel **A** (approx. 4–5 turns). Push the handlebar tubes down until they stop **B**. Tighten the lock wheel **A** again.

Height adjusting: Unscrew the lock wheel for the brake handles **A** (approx. 4–5 turns). Adjust the handlebar tubes to a suitable height then pull them slightly up and down **C** until you hear a clicking sound. Tighten the lock wheel **A** again. Adjust both handlebars to the same height. *It is recommended that the handlebars are set to the same height as your wrists when your arms are hanging alongside your body.*

Height adjustment using the memory function **5**

You have the opportunity to set the height of the handles at a standard setting fitted to your requirements so that you easily can find the same height again. Decide on the height of the handlebars. Count visible holes at the back of the handlebar tubes. Unscrew the lock wheel **A**. Pull the tube **B** out of the frame. The fastening piece **C** will now follow the handlebar tube. Move the fastening piece **C** on the tube **B** so the number of holes corresponds to the number counted earlier. Fit the memory chip **D** on the handlebar tube in the first available hole under the fastening piece **C**. Push the handlebar tube **B** down and into the side frame **E** until the fastening piece is locked. Screw the lock wheel **A** half in. Pull the handlebars **F** up until they stop and then tighten the lock wheel **A** properly. From now on, when the handlebars are in the lowest position, they will stop in the preset position automatically when pulled up.

Using the brakes **2**

Make sure the brakes work before each use and that the rollator moves when the brake handles are pushed in **A**. Each brake handle **B** works on each of the rear wheels.

The rollator wheels are made of a special soft rubber, which gives an optimal braking capacity on slippery floor.

Wrong use can cause unsafe situations and damage to the rollator: *The rollator must not be driven or pushed with force when the brake handles are not pushed in. This indicates incorrect use and can cause wear and tear, impairing tires and brake quality.* **Parking brakes:** Release the brake handles **B**. Both rear wheels are now locked. Squeeze both brake handles upwards to release the parking brakes **A**. To brake during walking, release the brake handles. *Tip: If the handles are pushed all the way down to lock position, the rollator can move freely.*

Maintaining the brakes **6**

Clean the brake block **A** and the brake spring **B** frequently. The wheels and brakes can be changed if they are worn out or damaged.

Seat **7**

The brake handles **B** must be released before using the seat **A**. Both rear wheels are now locked. Sit with your back towards the basket **C**.

Basket **8**

The basket is enclosed. It holds up to 10 kilos and is easily attached or removed.

To mount the basket, stand between the handles of your rollator and make sure that the brakes are on. Then lift the basket forwards in order to slide it underneath the seat and onto the front and the carrying handles **A**.

When it is placed correctly, you will hear a click. Make sure that the brake wire still runs unrestrained along the frame **B**. To remove the basket, stand between the handlebars and place your hands towards the front of the basket, one either side. Lift the basket up while pressing it slightly together. This will release it **C**. Always use both hands when performing this operation. The bag can be washed gently at 40 °C.

Edge guard // Tilt function **9**

Edge guard: The edge guards **A**, which are in front of the rear wheels prevent the rear wheels from catching on corners, door frames etc.

Tilt function: To use the tilt function use the front of the foot and press down on the tilt pedal **B**, which is beside the rear wheel. This helps to tilt the rollator over thresholds, edges etc. **Please note:** Take care when descending kerbs. Do not use the rollator in stairs.

Laser light / sound **10** (applies to the models 814743 and 814744)

The TOPRO TROJA NEURO can be delivered with a laser light that can be of help for users with Parkinson's disease who suffer from "freezing" episodes. There is also an option to add a pulsing sound to the laser light. These functions can easily be operated from the handle and the transfer is wireless to the laser light box. The laser light and sound unit is intended for use in a home healthcare environment.

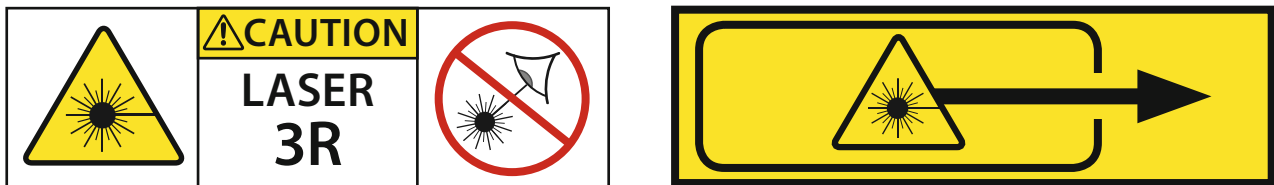
Batteries must be inserted before the laser light can be used: Remove the screw on the lid **A** located by the left-hand handle with the accompanying Torx T08 screwdriver and unscrew the lid. Insert the flat battery (Lithium CR 2032) with the "+"-sign showing upwards and screw the lid back on. Thereafter, insert two AA batteries (LR6) in the laser light box located on the left frame bar **B**. The lid, located on the inside, must be pushed down. Make sure to follow the "+/-" signs when inserting the batteries. The batteries cannot be recharged and will normally last for approximately 1 year with normal usage (approximately 15 minutes per day). There is a warning noise giving three short beeps every 5 minutes when the battery capacity is low (10% or less). Beware that the battery lifetime will decrease as the frequency and length of usage increase. If you do not plan to use the laser light for several weeks, we advise to take out the AA-batteries, to avoid battery leak.

The laser light and sound unit comes with a set of screwdrivers and the necessary batteries for operation. It contains transducers that transform electricity to sound (beeper), electricity to laser light (laser) and electricity to Bluetooth signals (Bluetooth transmission).

Use of laser light/sound: Push the button by the left-hand handle **A**. The laser light unit **B**, which is located on the left frame tube, will then generate a green line in front of the feet of the user **C** and will turn off automatically. If the light happens not to turn off by itself, you can use the switch under the laser light unit.

The switch and the laser light unit are designed to withstand humid weather but is not 100% waterproof (ingress protection rating IP 43). Caution! Both boxes **A** and **B** must be removed during hosing or disinfection of the rollator. The laser light and sound unit has a built-in accelerometer, which blocks the light from turning on when the rollator is in an inclined position of 45 degrees or more. This is to prevent an accidental light towards the eyes.
















Warning labels on the product:



NB! This Class 3R-laser is considered safe for normal operation. However, do not look directly towards the laser beam from the laser light unit **B**, to protect your eyes from injuries.

Laser light and sound settings: Moving the laser light unit up or down the frame tube can move the location of the laser beam forward or backward. Use the 5 mm Allen key to unfasten and fasten the unit. The amount of seconds/minutes the laser beam is activated as a result of pushing the laser light button **A** can be regulated by adjusting the switch **D** located inside the laser light unit **B**. Push down the lid and adjust the switch with the accompanying small flat screwdriver in the positions 1–9, corresponding to the following functions and durations:

- 1 = laser beam 10 seconds
- 2 = laser beam 30 seconds
- 3 = laser beam 45 seconds
- 4 = laser beam + low sound (800 Hz) 10 seconds
- 5 = laser beam + low sound (800 Hz) 30 seconds
- 6 = laser beam + low sound (800 Hz) 45 seconds
- 7 = laser beam + high sound (2700 Hz) 10 seconds
- 8 = laser beam + high sound (2700 Hz) 30 seconds
- 9 = laser beam + high sound (2700 Hz) 45 seconds

Laser and sound settings	
1: 10 s	
2: 30 s	
3: 45 s	
4: 10 s	  800 Hz
5: 30 s	  800 Hz
6: 45 s	  800 Hz
7: 10 s	  2700 Hz
8: 30 s	  2700 Hz
9: 45 s	  2700 Hz

For the laser unit, the frequency of transmission and reception is 2426 MHz, the bandwidth is 1 MHz, modulation is GFSK and the effective radiated power is –12dBm.

For the control unit the frequency of transmission and reception is 2426 MHz, the bandwidth is 1 MHz, modulation is GFSK and the effective radiated power is –20dBm.

Carrying the rollator 11

The rollator must not be carried by the seat strap or the brake wires. Fold the rollator together as shown on the illustration. Carry the rollator by the folded seat bars **A**.

Transport

The rollator should be transported in the folded and locked position (see paragraph *Unfolding / folding*). Ensure that the rollator cannot unfold unintentionally. Be careful when loading the rollator into a vehicle, giving attention to securing of the item.

Storage

The rollator should be stored in an upright position. Models with laser light must be stored inside.

Material // Recycling

The rollator is made of plastic coated aluminium pipes, plastic couplings and material of plastic and polyester. Most parts can be recycled. The laser light and the switch for the laser light should be recycled as electronic waste. Dispose the rollator and its packaging according to the applicable regulations in your country. For information, please contact your public authorities.

Cleaning

The rollator can be steamed, hosed and washed with normal household detergents. Do not use scrub detergents, or high-pressure cleaners. For models with laser must the laser light unit and the switch box be removed during steaming or hosing; make sure that the light is turned off before you remove the laser light unit.

Disinfection

Disinfection must only be carried out by authorized personnel and by wearing sufficient protective equipment. The surface must be cleaned with a disinfectant containing that contains 70–80 % ethanol. We advise against disinfectant that contains chlorine and phenol. The laser light unit and the switch box must be removed during disinfection; make sure that the light is turned off before you remove the laser light unit. *The manufacturer cannot be held responsible for any damage or wounds that might occur by the use of harmful disinfectant or disinfection carried out by unauthorized personnel.*

Inspection // Maintenance // Re-use

It is recommended that general inspection and maintenance is carried out and that the items below are checked on a regular basis, and at least once a year (how frequently is determined by how and how often the rollator is used): Tubes, frame and screws, handlebars and handlebar tubes, brakes, wheels, seat, laser light and accessories. This also applies when the rollator is to be prepared for re-use. Please refer to the detailed instructions presented in this user manual about cleaning, disinfection, and battery replacement.

If the rollator does not work properly

Make sure the rollator is unfolded correctly and that both brake handles are in the appropriate position.

Accessories

For pictures, please see the inside of the cover of this user manual. Accessories mounted on the rollator may influence stability, we therefore advise you to use them carefully.

- | | |
|---|---|
| A Back support with padding
short (67 cm) or long (75 cm) | I Lock |
| B Tray | J Flower stickers, set of four |
| C Anti slip mat for tray | K Bottle holder |
| D Rear bag with zipper | L Umbrella with attachment (black) |
| E Shopping bag | M Transport bag |
| F Crutch holder | N Drag brake (pair) |
| G LED lamp with clip-on and USB plug | P One-handed brake |
| H Name tag | Q Guiding handle for e.g. visually impaired |
| | R Basket for oxygen bottle (only compressed, not liquid) |

The accessories are to be ordered separately to give the possibility to compose a TOPRO TROJA NEURO that suits the individual user's needs. Contact your mobility shop, dealer or TOPRO for an updated overview of the accessories or visit our homepage www.topro.no.

In case of questions or product faults, please contact your mobility shop or dealer.