

ergoflix

Foldable electric wheelchair

Operating instructions

ergoflix[®] LX
incl. Plusversion



ergoflix.de

Congratulations! You have chosen an ergoflix electric wheelchair.

We thank you for your trust and wish you all the best and much joy with your new companion.

CONTENTS

1.	General information	06
1.1.	Information about the equipment.....	06
1.2.	About these instructions.....	06
1.3.	Warnings.....	06
1.4.	Instructions for action	07
1.5.	Target group.....	07
1.6.	Warranty.....	07
1.7.	Service life.....	07
1.8.	Copyright notice.....	08
1.9.	Directory.....	08
1.10.	Meaning of the symbols on the product labelling.....	08
2.	Safety	09
2.1.	Indication / Contraindication	09
2.2.	Improper use.....	10
2.3.	Dangers when driving	11
2.3.1.	Dangers due to moving parts.....	11
2.3.2.	Danger on public roads.....	11
2.3.3.	Dangers on public transport.....	11
2.3.4.	Use of stairs and lifts.....	12
2.3.5.	Dangers when driving on sloping terrain	12
2.3.6.	Dangers when driving on unpaved surfaces	12
2.3.7.	Dangers when driving in the dark	12
2.3.8.	Risk of tipping over.....	12
2.3.9.	Dangers due to inappropriate driving style.....	13
2.4.	Dangers when pushing	13
2.5.	Dangers when used in vehicles	14
2.6.	Dangers due to high temperatures.....	14
2.7.	Dangers from electromagnetic radiation	14
2.8.	Dangers during transport and assembly.....	15
2.8.1.	Dangers due to improper transport.....	15
2.9.	Dangers due to electrical voltage	16
2.10.	Safety devices	16
2.10.1.	Electromagnetic motor brake.....	16
2.10.2.	Electromagnetic parking brakes	16
2.10.3.	Footrest.....	16
2.10.4.	Lap belt.....	16
2.10.5.	Security device against unauthorised use.....	17

3.	Technical data	17
3.1.	Dimensions and weight	17
3.1.1.	Motors	18
3.1.2.	Batteries.....	18
3.1.3.	Control unit	18
3.1.4.	Front wheels	18
3.1.5.	Rear wheels.....	18
3.1.6.	Driving characteristics.....	19
4.	Product description.....	19
4.1.	Scope of delivery	19
4.2.	Overview	20
4.2.1.	Footrest.....	20
4.2.2.	Lap belt.....	20
4.2.3.	Accessories compartment.....	21
4.2.4.	Armrests.....	21
4.2.5.	Backrest	21
4.2.6.	Operating module.....	21
4.3.	Batteries.....	22
4.4.	Suspension	23
4.5.	Operating modes.....	23
4.5.1.	Driving mode.....	23
4.5.2.	Push mode	23
5.	Transporting the wheelchair.....	23
5.1.	Loading.....	24
5.2.	Transport.....	25
5.2.1.	Transport by vehicle.....	25
5.2.2.	Transport by plane	26
6.	Commissioning the wheelchair.....	26
6.1.	Assembling the wheelchair	27
6.1.1.	Unpacking	27
6.1.2.	Unfolding	28
6.1.3.	Folding the wheelchair	28
6.2.	Assembling the operating module	29
6.3.	Installation of the supplied lighting set	30
6.4.	Extending the seat width of the wheelchair (optional)	31
6.5.	Charging the batteries.....	32
6.6.	Changing the batteries.....	35
6.7.	Adjusting the height of the footrest.....	35

- 7. Operating the wheelchair36**
 - 71. Getting in and out 36
 - 72. Switching on37
 - 73. Switching off37
 - 74. Driving the wheelchair37
 - 74.1. Changing operating mode..... 38
 - 74.2. Driving off 38
 - 74.3. Steering 39
 - 74.4. Braking..... 39
 - 74.5. Reversing..... 40
 - 74.6. Horn 40
 - 74.7. Setting the maximum speed..... 41
 - 74.8. Driving on uphill and downhill gradients 42
 - 74.9. Overcoming obstacles..... 42
 - 75. Pushing the wheelchair 43
 - 75.1. Deactivating the parking brakes..... 43
 - 76. Checking the wheelchair before driving 44
 - 76.1. Adjusting the lap belt..... 44
 - 76.2. Checking the battery level 44
 - 77. Error messages..... 45

- 8. Maintenance of the wheelchair46**
 - 8.1. Storage of the wheelchair 46
 - 8.2. Before setting off 46
 - 8.3. Monthly maintenance..... 47
 - 8.4. Quarterly maintenance..... 47
 - 8.5. Six-month maintenance 48
 - 8.6. Disinfection and cleaning 48
 - 8.7. Re-use 48

- 9. Disassembly and disposal49**
 - 9.1. Safety instructions..... 49
 - 9.2. Qualified technicians 49
 - 9.3. Disassembly..... 50
 - 9.4. Disposal..... 50

1. General information

1.1. Information about the equipment

The ergoflix electric wheelchair is used to transport people with restricted mobility. The device can be operated manually, by being pushed, and electrically and has a magnetic braking system.

1.2. About these instructions

These operating instructions are an essential aid and contain important information for persons who set up, operate and maintain this equipment. Observing them helps to avoid dangers and reduce repair costs and downtimes.

1.3. Warnings

In the operating instructions, warnings are weighted differently and marked with a pictogram.

Warnings are formatted as follows:



DANGER

Immediate risk to the safety of human life and health (serious injury or death).



WARNING

Possible risk to the safety of human life and health (serious injuries or death).



CAUTION

Possible hazardous situation (slight injuries or material damage).



NOTE

Instructions that must be taken into account in order to ensure optimal results and safe operation of the equipment.

The following conventions apply to warnings:

Signal word:

Indicates the severity of the danger.

Type and source of danger:

Indicates which danger is being warned of and where it may occur.

Consequences of ignoring the danger:

Describes the cause of the danger or damage and its effect.

Prevention:

Describes how to prevent the danger from occurring.

Example of a warning:



WARNING

Risk of injury from improper use

Improper use can endanger persons and property.

- ▶ Only use the equipment for its intended purpose as described below.

1.4. Instructions for action

Instructions for action are numbered consecutively to indicate the sequence of the individual steps. Results of the actions are directly below. An example:

1. This is the first step.
 - ▶ This is the result of the first step.
2. This is the second step.
 - ▶ This is the result of the second step.

1.5. Target group

These operating instructions are intended for persons using the wheelchair and persons accompanying the use of the wheelchair:

- User
- Accompanying persons
- Care staff

1.6. Warranty

The warranty conditions are part of the applicable country-specific general terms and conditions. The warranties of special components can be found in the following overview:

- Frame: 3 years
- Operating module (joystick): 3 years
- Engine: 3 years
- Batteries: 3 years*

*A battery is considered defective if it has measurably less than 65% capacity at full charge within 3 years from the date of purchase.

1.7. Service life

The manufacturer assumes a service life of five years for this product, provided that the product is used as intended and all specifications for maintenance and care are complied with. The service life of the product depends on the frequency of use, the operating environment and maintenance. By using spare parts, the service life of the product can be extended.

1.8. Copyright notice

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No claims can be asserted from the present information or illustrations. Subject to changes in technology, shape and equipment. No liability is accepted for printing errors and misprints.

1.9. Directory

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1.10. Meaning of the symbols on the product labelling



Medical device



Manufacturer



Serial number



EU Representative



Production date



The product is NOT approved as a seat in a motor vehicle.



Unique Device Identifier

2. Safety

The equipment has been designed and built in compliance with all binding legal regulations and recognised safety rules. It corresponds to the state of the art when it was first placed on the market. Nevertheless, dangers can arise for the operator, for other persons, for the equipment itself and for other property.

The "Safety" chapter must always be observed when handling and operating the equipment. Read the chapter carefully and make sure that you have understood all the safety instructions. Otherwise, do not operate the equipment.



NOTE

Safe handling of the equipment

For safe handling of the wheelchair, please refer to the instructions in this section and in other sections of this operating instructions. The manufacturer of the equipment accepts no liability for personal injury or damage to property resulting from failure to observe the safety instructions.

2.1. Indication / Contraindication

Mechanical and electrical dangers occur during operation of the equipment. In order to avoid resulting dangers, the equipment may only be used as intended. Unauthorised modifications can have a negative impact on safety and invalidate the conformity issued by the manufacturer.

The equipment is only to be used within the scope of its intended use, for the independent or accompanied movement of people

- with health or age-related walking impairments or disabilities
- with significantly reduced strength and gripping function of the arms/hands
- with sufficient orientation and coordination skills
- to ensure mobility indoors and outdoors (reaching the immediate vicinity and carrying out everyday tasks).

The physical and mental condition, the age of the user, the personal living conditions and the private environment must also be taken into account when providing individualised care. This applies both to the user of the electric wheelchair and to the accompanying person who is in control of it.

The electric wheelchair must not be used and/or controlled if the person in control:

- is using and under the influence of impairing medication
- has severe balance and/or perception disorders.

All work on the equipment (assembly, commissioning, operation, maintenance, care) may only be carried out by persons who have read these operating instructions.

The wheelchair may only be used in the following ways:

• Operation

The wheelchair may only be operated by persons who have read the operating instructions. These persons must be physically able to operate the wheelchair safely (e.g. drive, steer, brake) and observe all warnings in these operating instructions.

- **Place of use**

The wheelchair should only be used on level ground, on smooth terrain, in a dry environment and indoors. The ergoflix can be used outdoors on pavements and has protection class IPX4. This means that the wheelchair is splash-proof. Please also note the legal regulations of the country in which you use the wheelchair.

- **Protective devices**

The wheelchair may only be operated with the protective devices intact. All protective devices must be checked regularly to ensure that they are in the correct condition and functioning properly. After all maintenance and repair work, all protective devices must be reinstalled before the device can be used.

- **Cleaning, care, maintenance and repair**

General cleaning, care and maintenance on the wheelchair may only be carried out by persons who have read these operating instructions. Repair work may only be carried out by specially trained service personnel or the dealer's customer service, unless it concerns the replacement of components. This work may only be carried out when the equipment is switched off (see section "8 Maintenance of the wheelchair" on page 46).

Intended use also includes:

- Operation with the operating module intact.
- Observance of all instructions from the operating instructions, in particular the safety and warning instructions.
- Timely execution of maintenance and repair.
- Any other use or use above what is specified is deemed to be improper use.

Manufacturers and dealers are not liable for any resulting damage.

2.2. Improper use

There is a risk of injury from improper use.

If the equipment is not used as intended, there may be a risk to persons.

The equipment may only be used as described in section "2.1 Intended use".

Any use deviating from this may result in dangers to persons and property and is not permitted.

Not intended means, among other things:

- Operation by unauthorised persons.
- Operation by persons who are sick, fatigued, or under the influence of substances or medications that impair their visual perception, coordination, or judgment.
- Operation with a defective electrical installation.
- Operation in severe external weather conditions or in a wet condition.
- Operation in baths and saunas.
- Cleaning and care using running water.
- Operation on very uneven ground and in extremely rough terrain.
- Operation on escalators and stairs.
- Operation by unsupervised minors.
- Transport of more than 1 person.

- Transport of heavy objects (except for personal luggage).
- Operation on public roads contrary to the requirements of road traffic regulations (StVO).
- Overcoming obstacles that exceed the specifications in section "3.1.6 Driving characteristics".
- Use on the road is not advisable due to the maximum design speed of only 6 km/h. On public transport, we recommend that you only use it at walking speed. Please also note the legal regulations of the country in which you use the wheelchair.

2.3. Dangers during operation

In the following sections, the special types of dangers that can occur in connection with operation are named and described. To avoid these dangers, please refer to the instructions in the following sections.

2.3.1. Dangers due to moving parts

During use of the equipment, moving parts can cause serious injuries. Please note the following:

- Never reach into moving parts during operation.
- Regularly check the function and condition of all moving parts.

2.3.2. Dangers on public roads

Users of wheelchairs are subject to the same rights and obligations in road traffic as pedestrians. The use of public roads is therefore not permitted. Please note the following:

- The wheelchair should only be operated on pavements. You are not allowed to drive on cycle-only paths.
- Please observe the Road Traffic Regulations (StVO) when travelling on public roads.
- Ensure that the tread depth of the tyres is sufficient (see section "8.3. Quarterly maintenance").

2.3.3. Dangers on public transport

The wheelchair enables the use of public transport. To prevent dangers, please observe the following instructions:

- Always ask other people for help when using public transport.
- The wheelchair may only be used for boarding and alighting from public transport.
- Fold up the wheelchair and stow it safely when you leave the equipment on public transport.
- Make sure the brakes are engaged while using public transport.

2.3.4. Use of stairs and lifts

For use in elevators, the same instructions apply as for use in public transport. To avoid dangers when using stairs, please observe the following instructions:

- The wheelchair must never be pushed or lifted up or down stairs.
- The wheelchair must be folded before using stairs. The assistance of a second person is strongly recommended when climbing stairs.

2.3.5. Dangers when driving on sloping terrain

There is an increased risk of tipping over when using the wheelchair on steep slopes or ramps. To avoid serious injury, please observe the following instructions:

- Do not drive on and over ramps that are not equipped with adequate lateral edge protection.
- Make sure that the surface of the ramp is dry and clean.
- Make sure the ramp is wider than the wheelchair.
- Only travel straight and parallel to the course of the ramp.
- Take extra care when driving up and downhill.
- Avoid driving on sloping terrain if the surface consists of snow, ice, gravel, clay, sand, wet leaves, etc., or is uneven.

2.3.6. Dangers when driving on unpaved surfaces

When driving at low speed or with heavily discharged batteries, the driving performance is limited under certain surface conditions, e.g. gravel, sand or thick carpets.

Please note the following:

- Make sure you always adjust the speed of the wheelchair to the ground surface.
- Make sure that the batteries of the wheelchair are sufficiently charged.

2.3.7. Dangers when driving in the dark

Driving with a wheelchair on public pedestrian paths is only permitted in accordance with the Road Traffic Regulations (StVO). Please note the following:

- Make sure the wheelchair is equipped with working front and rear lights.
- Please observe the applicable national or local traffic regulations.
- Look for obstacles in or along the route that exceed the maximum height specified in "3.1.6 Driving characteristics" on page 19 and avoid them.
- When using optional lighting equipment, please always follow the instructions in the enclosed operating instructions.

2.3.8. Risk of tipping over

When negotiating curves, the user's centre of gravity shifts. This can result in an increased risk of tipping. To avoid this, please note the following:

- If the wheelchair performs an unexpected and unusual movement, immediately release the joystick to stop the wheelchair.

- Only drive up and downhill gradients up to the maximum climbing capacity (see section "3 Technical data" on page 17).
- Take an upright sitting position before riding up and downhill.
- Travel downhill at a maximum of 2/3 of the maximum speed.
- Avoid sudden braking or acceleration.
- Never overcome obstacles on an incline or decline.
- Avoid shifting the centre of gravity while driving.
- Avoid jerky changes of direction and movements of the joystick.
- Track grooves, rails and similar obstacles may only be crossed at a right angle (90°).
- Avoid bends on slopes, ramps, hills or other inclines.



NOTE

Good to know:

For safety reasons, heavy objects such as filled rucksacks or bags must not be attached to the backrest of the wheelchair. This can change the tipping angle of the wheelchair, which is why the anti-tipping protection can no longer be guaranteed in such a case.



NOTE

For safe use even outdoors, we recommend fitting our anti-tip wheels.

2.3.9. Dangers due to inappropriate driving style

On wet surfaces and uneven terrain, there is a risk of the wheelchair slipping and the braking distance increasing considerably. Please note the following:

- Always adapt speed and handling to the ambient conditions.
- At high speeds, there is an increased risk of falling.
- Please observe the maximum safe speed as specified in section "3 Technical data" on page 17.

2.4. Dangers when pushing



WARNING

Damage to the backrest when force is applied

The accompanying person should avoid exerting force on the backrest of the wheelchair in order to tilt it backwards and thus overcome obstacles. This can seriously damage the backrest. Avoid obstacles instead.

When pushing the wheelchair, the drive and brake are deactivated. The person pushing the wheelchair is fully responsible for steering the wheelchair. To avoid accidents resulting in personal injury and damage to property, please observe the following instructions:

- Make sure that all parts of the wheelchair are present, securely attached and functional.
- Familiarise yourself with the handling of the wheelchair before using it for the first time in push mode.
- Practise pushing on level ground and over manageable terrain before using it for the first time.

2.5. Dangers when used in vehicles

There is a risk of serious injury and death when using the wheelchair in vehicles. Please note the following:

- Do not use the wheelchair as a vehicle seat.
- The wheelchair must only be transported without occupants and must be secured accordingly during the journey.

2.6. Dangers due to high temperatures

In the following section, you will find information about dangers from hot surfaces. To avoid this, please note the following:

Batteries and motor

The batteries and motors of the wheelchair can heat up during operation. There is a risk of burns from direct contact.

- Wear suitable protective equipment during maintenance and troubleshooting, e.g. protective gloves.
- Allow batteries and motors to cool down before carrying out the appropriate work on them.

Seats and armrests

Exposure to sunlight and ambient heat can cause the surfaces of the seat and backrest in particular to heat up considerably. There is a risk of skin injuries in the event of direct skin contact with these surfaces.

- Protect the device from strong sunlight and other sources of heat.
- Allow the surfaces of the wheelchair to cool before use.
- Cover heated surfaces with which there is direct skin contact when used with blankets or the like.

2.7. Dangers from electromagnetic radiation

Electromagnetic interference can have a negative effect on the function of the wheelchair. To prevent this, please refer to the notes in this section.

Direct influence from radio waves

The wheelchair is largely insensitive to interference caused by radiowaves in everyday life and has been subjected to appropriate stress tests. The manufacturer declares a resistance of 20 V/m in

an electromagnetic interference test. However, as this is an electrical device, negative interference from radio waves cannot be completely ruled out.

Make sure that the wheelchair is not operated in the immediate vicinity of the following sources of radio waves:

- Mobile phones
- Electr. medical devices, please consult with healthcare professionals)
- Other electromagnetic radiation sources

Interactions with electromagnetic fields

In order to exclude interference with other electromagnetic fields, avoid, as far as possible, operating the wheelchair in the immediate vicinity of the following radiation sources:

- Automatic shop doors
- Alarm and security systems
- Garage door controls

If malfunctions occur in connection with the above-mentioned sources, inform the dealer of your wheelchair immediately.

- Do not operate portable transmitters or communication devices (e.g. radios, mobile phones, etc.) in the vicinity of the wheelchair.
- Avoid proximity to radio, television, and mobile phone antennas.
- In case of electromagnetic interference, turn off the equipment.



NOTE

You can report incidents, feedback, complaints or unexpected malfunctions to ergoflix Group GmbH by telephone or by sending an email to technik@ergoflix.de.

2.8. Dangers during transport and assembly

When transporting and assembling the wheelchair, dangers may occur due to weight and moving parts. To avoid these dangers, please refer to the instructions in the following sections.

2.8.1. Dangers from improper transport

- The wheelchair may only be transported without occupants. Wheelchair users must use the seats in the vehicle.
- The lap and calf belts are not used to transport the wheelchair but exclusively to secure the user while using the wheelchair.

2.9. Dangers due to electrical voltage

The wheelchair is powered by electricity. Contact with live components or the batteries can result in dangerous injuries, burns or death. To avoid this, please note the following:

- Work on the electrical equipment of the wheelchair may only be carried out by a qualified electrician or by persons who have read the operating instructions under the supervision of a qualified electrician in accordance with the electrotechnical regulations.
- Use only fully functional and tested tools to carry out work on the electrical installation.
- Before working on the electrical system of the wheelchair, the power supply must be interrupted.

2.10. Safety facilities

The following facilities are part of the safety concept of the equipment. Familiarise yourself with the position and function of the safety facilities before use.

2.10.1. Electromagnetic motor brake

The motor brake is activated when the wheelchair is in Driving mode. It allows controlled braking while driving and is operated with the joystick.

2.10.2. Electromagnetic parking brakes

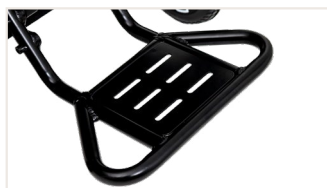
The wheelchair parking brakes lock the drive wheels if necessary. In this way, they prevent unintentional movements of the wheelchair when stationary, e.g. on public transport, in vehicles, elevators or on sloping surfaces.

They are located on the drive wheels and can only be activated when stationary.

2.10.3. Footrest

The footrest prevents the user's feet from coming into contact with the ground while driving. This prevents injuries and unintentional braking of the wheelchair.

- The footrest must be fully unfolded before using the wheelchair.
- The footrest must not be stepped on when getting in and out.



2.10.4. Lap belt

The lap belt is used to secure the user on the seat of the wheelchair. It prevents the user from sliding out of the seat during braking. The strap can be adjusted to the user's body shape for optimal effect.

2.10.5. Security device against unauthorised use

To prevent the theft of the wheelchair, we recommend securing it with a chain lock. The best way to do this is to use one of the rear wheels, which can be used to connect the lock to a fixed object.

3. Technical specifications

In the following tables you will find a list of the technical data of the equipment.



WARNING

Dangers of exceeding or falling below specified operating parameters

If the technical data specified below is exceeded or not met, dangerous situations may arise and persons may be endangered. To avoid this, please note the following:

- The equipment may only be used up to the max. operating parameters specified below.
- The operator must ensure that the operating parameters for media (electrical system) are maintained permanently and sufficiently fail-safe.

3.1. Dimensions and weight

Dimensions (approx.)	unfolded	folded
Length	995 mm	350 mm
Width	615 mm - 670 mm	615 mm - 670 mm
Height	935 mm	780 mm
Seat dimensions (approx.)	from	to
Width	480 mm	560 mm
Depth	420 mm	
Height	510 mm	
Backrest height	460 mm	
Weight	without battery	with battery
kilogram	25.1 kg	28.1 kg
Load capacity	maximum	
kilogram	145 kg	
Angle	Seat angle	Backrest angle
Angle	4°	98°

3.1.1. Motors

Type	Brushless DC motor
Quantity	2 units
Nominal power	250 W
Drive voltage	DC 24 V
Brake system	Magnetic brake
Control system	VR2
Service and parking brakes	meet the requirements of the German Road Traffic Licensing Regulations (StVO)

3.1.2. Batteries

Type	Lithium-ion battery
Quantity	2 units
Capacity	6 AH
Nominal voltage	DC 24 V
Charge time	2–3 hours per battery

3.1.3. Control unit

Type	European Standard, 2-core
Input voltage	DC 21V - 29V

3.1.4. Front wheels

Quantity	2 units
Measurements	190 x 40 mm
Material (tyres)	Polyurethane (PU)

3.1.5. Rear wheels

Quantity	2 units
Measurements	320 x 57 mm
Material (tyres)	Solid rubber

3.1.6. Driving characteristics

Max. gradient	12°/21%
Max. range*	24 km
Max. speed	6 km/h
Turning diameter	835 mm
Max. height of obstacle	40 mm

*Additional info: The actual ranges vary in practice depending on driving style, speed, use of comfort/ additional consumption, outside temperatures, payload and topography.

Additional information: All figures may deviate by up to 10%.

4. Product description

In the following section, you will find information on how the wheelchair works and how it is constructed.



NOTE

Technical data

Information about technical data, e.g. weight, dimensions, etc., can be found in the chapter "3 Technical Data" on page 17.

4.1. Scope of delivery

The equipment comes with the following accessories:

- Control element
- Lap belt
- Ergonomic Softline seat cushion
- Backrest padding
- Charger
- Assembly tools
- Integrated lighting
- Velcro strap for additional fixing of the footrest in the folded state
- Operating instructions
- Battery guide

4.2. Overview

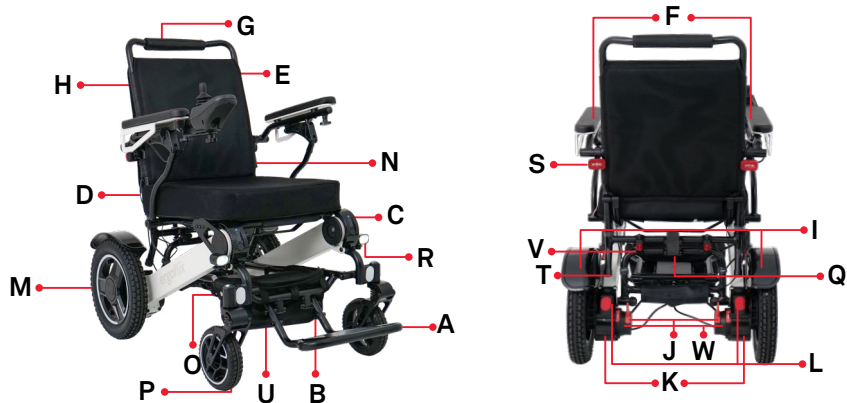


Image 1: Overview of the ergoflix wheelchair

A Footrest	H Backrest	O Reflector
B Accessories compartment	I Fenders	P Front wheel
C Batteries	J Parking brakes	Q Snap lock
D Connecting cable	K Motors	R Front light
E Operating module	L Rear reflector	S Rear light
F Armrests	M Rear wheel	T Stand feet
G Push handle	N Seat cushion	U Front fork suspension
		V Seat suspension
		W Electromagnetic brakes

4.2.1. Footrest

The footrest is used to secure the user's feet. This stabilises the sitting position and prevents the feet from coming into contact with the ground while driving. If the wheelchair is to be folded, the footrest is folded upwards.



CAUTION

Damage to the footrest due to high loads

When getting in and out, please ensure that no load is placed on the footrest. This can severely damage the footrest or tip over the wheelchair.

4.2.2. Lap belt

The lap belt is used to secure the user on the seat of the wheelchair. It protects the user from slipping out of the seat during sudden braking manoeuvres or when driving on sloping surfaces.



NOTE

Adjustment of the lap belt

The lap belt can be adjusted to the body shape of the user. For more information, see section "7.6.1 Adjusting the Lap Belt" on page 44.

4.2.3. Accessories compartment

The accessory compartment is located under the seat and is used to store the charger and accessories.

4.2.4. Armrests

The armrests serve to stabilise the user and each have a mounting device for the operating module. Both armrests can be folded up to allow the user to enter from the side. To do this, turn the locking lever on the side of the armrest by 180 degrees and push the armrest upwards. To fold down the armrest, simply pull the joint forward and turn the locking lever back again.



NOTE

Maximum load on the armrests

The improper and one-sided loading of the armrests must be prohibited.

4.2.5. Backrest

The backrest has Velcro straps to optimise the sitting position and a padded handle that allows the wheelchair to be pushed. The backrest can be folded down to allow the wheelchair to be folded up.

You can adjust the Velcro straps of the backrest and the seat individually. To do this, loosen the single loop. The tighter you pull the straps, the firmer the support effect.

4.2.6. Operating module

The operating module is used to control the wheelchair and can be mounted on both armrests. It consists of function keys and a joystick.

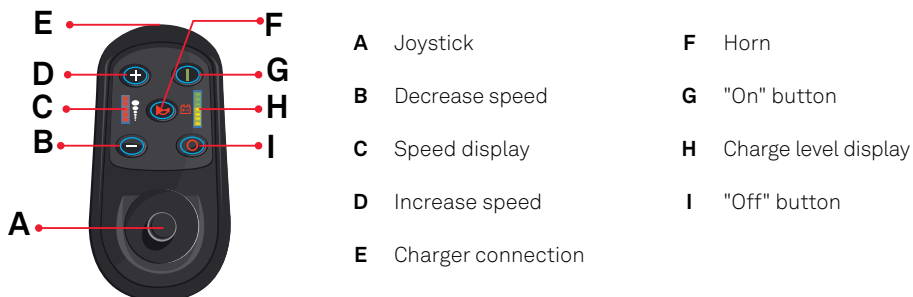
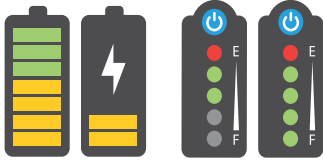


Image 2: Overview of the operating module

Charge level display



The battery display has several LEDs and provides information on the current charge status of the batteries:

Left: Image of the charge level display on the control module.
Right: Image of the charge level display on the battery.

Our recommendation: The batteries should be charged as soon as the charge level display shows only 2–3 illuminated LEDs.



NOTE

LED display

Please note that the LEDs of the charge level displays light up in several colours when charged, as shown above!

Speed display



The speed display consists of 5 LEDs and shows the currently set maximum speed.

This display also indicates possible wheelchair faults by means of illuminated LEDs. The position of the flashing LED indicates which error is involved.



NOTE

Error messages

Information on the error messages can be found in section "7.7 Error messages" on page 45.

Joystick

The joystick can be used to adjust the direction and speed of the wheelchair.

4.3. Batteries

The batteries of the wheelchair are located in special frames on the side of the wheelchair. They are maintenance-free and can be charged with the help of the supplied charger. For this purpose, the charger can be connected both to the operating module and to the charging ports of the batteries.



NOTE

Charging the batteries

Instructions for charging the batteries can be found in section "6.5 Charging the batteries" on page 32.

Image 3: The ergoflix battery frame

4.4. Suspension

The wheelchair has two suspensions attached to the back of the seat and two spring-mounted front forks, which increase driving comfort and compensate for small bumps when driving.

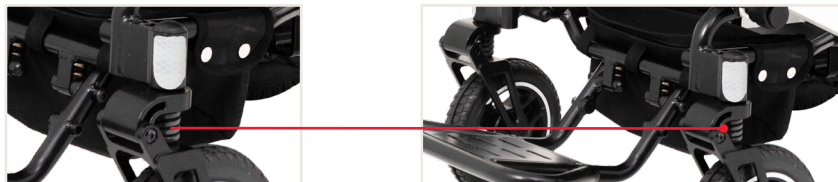


Image 4: The suspension on the front fork of the ergoflix

4.5. Operating modes

The wheelchair can be used both manually, by pushing, and electrically. In the following section, you will find information on the wheelchair's two operating modes.

4.5.1. Driving mode

When driving, the parking brakes are activated and the wheelchair is driven exclusively by the electric motors. Acceleration and braking are controlled via the joystick.



NOTE

Operation in Driving mode

Operating instructions can be found in section "7.4 Driving the wheelchair" on page 37.

4.5.2. Push mode

In push mode, the parking brakes are deactivated and the wheelchair can be pushed by a second person.



NOTE

Operation in Push mode

Operating instructions can be found in section "7.5 Pushing the wheelchair" on page 43.

5. Transporting the wheelchair

The wheelchair can be loaded and transported in a folded and unfolded state. Please refer to the notes in this section.

5.1. Loading

The wheelchair can be loaded into vehicles for transport in the folded state with ramps or lifting platforms. Please note the following:



CAUTION Risk of injury due to weight

When loading the wheelchair, there is a risk of the equipment tipping over and falling. To avoid this, please note the following:

- If possible, always load the wheelchair with a second person when it is folded.
 - Only use ramps or lifting platforms to load the wheelchair when unfolded.
 - Only use ramps and lifting platforms with the appropriate load capacity.
 - Only load the wheelchair with the aid of a ramp if you are able to control the device safely.
-



CAUTION Danger of injury by moving components

When loading the wheelchair without a ramp or lifting platform, dangers can occur due to the equipment's moving parts. To avoid this, please note the following:

- Activate the parking brakes.
 - Before loading, remove all moving parts such as the operating module and store them in the transport bag (under the seat).
 - Make sure that the wheelchair is fully secured when folded or unfolded (see section "7 Operating the wheelchair" on page 36).
 - Only grasp the wheelchair by fixed frame parts.
-



NOTE

Dimensions and weight

Information on dimensions and weight can be found in the section "3.1 Dimensions and weight" on page 17.

Please note the following points when loading:

- Before loading, park the car or van on firm ground and secure the vehicle against rolling away.
- Place the ramps on the surface so that they cannot slip.
- Ensure that ramps and lifts are clean and undamaged.
- Proceed up the ramps at the lowest possible speed.
- Make sure the ramps are significantly wider than the wheelchair.
- Proceed up the ramps without stopping to prevent rolling back.
- If the wheelchair is loaded without a loading aid, always lift it into the vehicle with a second

person if possible. Grasp only fixed parts of the frame. Alternatively, use the ergoflix telescopic ramp for manual loading. You can also secure the footrest against unintentional unfolding with the Velcro strap included in the delivery.

5.2. Transport

5.2.1. Transport by vehicle



DANGER Risk of injury when used as a vehicle seat

The wheelchair must not be used as a seat in motor vehicles. There is a risk of serious injury and death.

- Only transport the wheelchair without occupants.
 - Only transport the wheelchair in the boot or load compartment of the vehicle.
-



WARNING Risk of injury due to improper securing

If the wheelchair is not properly secured in the vehicle during transport, there is a risk of serious injury to the vehicle occupants in the event of a collision or sudden braking manoeuvres.

- Secure the wheelchair against slipping during transport with suitable straps, tension straps or hooks.
 - Never use the same seat belt to secure the wheelchair and vehicle occupants.
 - Secure the wheelchair only on fixed frame parts.
 - Activate the parking brakes so that the wheelchair cannot roll away.
-



NOTE

Dimensions and weight

Information on dimensions and weight can be found in section "3.1 Dimensions and weight" on page 17.

When transporting in vehicles, please note the following points:

- Before transport, remove the operating module and store it in the accessory compartment (under the seat).
- Do not place any objects on the wheelchair during transport.
- If possible, always lift the wheelchair into the vehicle with a second person. Grasp only fixed parts of the frame.

5.2.2. Transport by plane

The wheelchair can be transported on an airplane when travelling. Please note the following points:

- Approval by the airline is required. Send the safety data sheet for the batteries to the responsible airline in advance, which is available for you to download on our website (www.ergoflix.de) in the download area.
- The wheelchair may only be transported when folded.
- The batteries must be removed from the battery frame (see section "6.6 Changing the batteries" on page 35).
- The batteries must be secured against short circuits (e.g. by taping over the exposed terminals).
- The removed batteries must be transported in sturdy packaging.
- You can find more information about travelling by air with a wheelchair on our website (www.ergoflix.de) in the download area of our free e-book. Here we have summarised everything you need to know step by step.

6. Commissioning the wheelchair

In the following section, you will find information on how to put the wheelchair into commission.



WARNING Danger due to improper commissioning

The electric wheelchair may only be commissioned and operated in accordance with the applicable specifications. Failure to comply with this information may result in incorrect driving behaviour of the equipment. This can lead to serious injuries resulting in death as well as property damage. To avoid this, please note the following:

- Performance adjustments may only be made by the manufacturer or persons who are qualified and authorised to make such adjustments.
- After commissioning the equipment, check whether the operation complies with the stated specifications.
- If this is not the case, please switch off the equipment immediately and contact the dealer (see section "1.9 Directory" on page 08).



CAUTION Checking the equipment before commissioning

Please note the following before commissioning the wheelchair:

- Check that all parts of the wheelchair are securely and firmly connected.
-

6.1. Assembling the wheelchair

The wheelchair is delivered fully assembled and folded, with the exception of the operating module. Please note the FlixStart guide in the box lid as well as the following instructions when setting up the equipment for the first time.



CAUTION Risk of injury due to weight

The total weight of the wheelchair including batteries is 28.1 kg. If carried out carelessly, there is a risk of injury when folding and unfolding the wheelchair. To avoid this, please observe the following instructions:

- Before folding or unfolding, make sure that all components of the wheelchair are securely screwed together.
- If possible, assemble the wheelchair with the help of a second person.



CAUTION Risk of injury due to pinching and crushing

There is a risk of being crushed on moving parts when folding and unfolding the wheelchair. Please note the following:

- Only grasp the wheelchair by fixed frame parts.
- Do not grasp the wheelchair at the joints of moving parts, such as hinges.
- Avoid jerky and fast movements.
- Work with care.

6.1.1. Unpacking

The wheelchair is delivered folded up in a transport box. For additional protection during transport, it is stored in customised packaging material and additionally protected by a foil bag.

To unpack the wheelchair, proceed as follows:

1. Use a knife to carefully cut the adhesive tape on the top of the box.
 2. Open the box and remove the packaging material on top.
 3. Lay the box on its side on the floor or tilt it to the side at a 90° angle.
 4. Carefully pull the wheelchair out of the box using the push handle.
 5. Remove the remaining protective film.
- The wheelchair is ready for assembly.

6.1.2. Unfolding

To unfold the wheelchair, proceed as follows:

1. Raise the wheelchair so that it stands on both rear wheels and standing aids.
2. Hold the wheelchair by the backrest and footrest.
3. Press with both hands in the opposite direction until the wheelchair is fully unfolded and the coupling lock is engaged.
▶ The wheelchair is unfolded.
4. Place the seat cushion on the seat frame.
5. Place the back cushion around the backrest and guide the lap belt through the openings of the backrest at the level of the armrests. You can adjust the Velcro straps of the backrest and the seat individually. To do this, loosen the single loop. The tighter you pull the straps, the firmer the support effect.
6. Attach the operating module according to the instructions in chapter "6.2 Assembling the operating module".
7. Check the setting of the parking brake (see section "7.4.1 Change operating mode").
▶ The wheelchair is unfolded and ready for use.

6.1.3. Folding the wheelchair

To fold the wheelchair, proceed as follows:

1. Release the coupling lock of the wheelchair and press lightly against the backrest in the direction of the front wheels to release the coupling lock.
2. Now grasp the footrest and pull it towards the backrest until the wheelchair is folded.
▶ The wheelchair is now folded and can be transported.



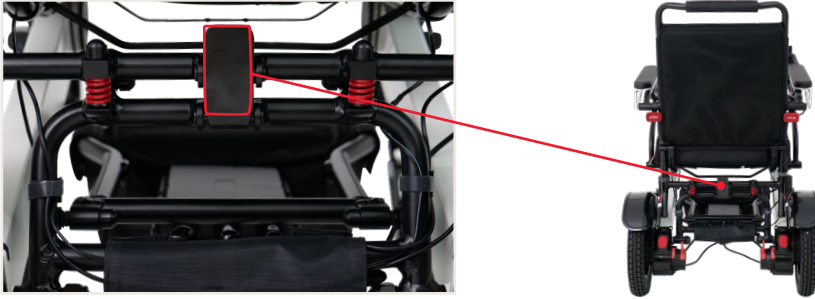


Image 5: The coupling lock

6.2. Assembling the operating module



CAUTION

Sensitive components

Be careful when connecting the operating module to the wheelchair. The plug connection consists of sensitive components and can easily be damaged.

To assemble the operating module, proceed as follows:

1. Insert the mounting rod of the operating module into the mounting opening of the armrest.
2. Turn the adjustment screw below the armrest clockwise so that the control module no longer has any play.
3. Connect the operating module cable to the connection cable of the wheelchair. Turn the locking ring clockwise until it noticeably clicks into place.
4. Adjust the position of the operating module to your forearm length.

► The operating module is mounted and ready for use.

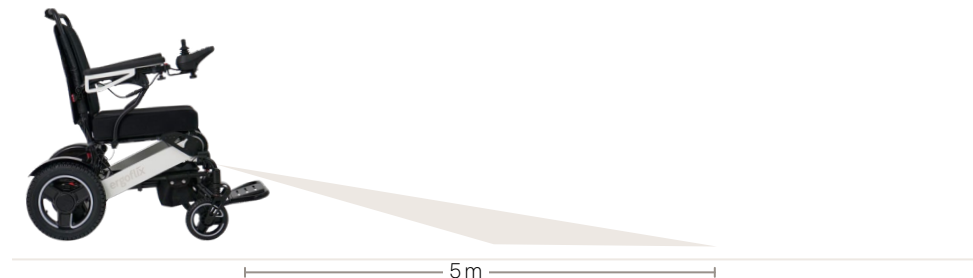


Image 6: Fixing and connecting the operating module

6.3. Setting and operating the integrated lighting

Adjusting the front lighting:

Change the light cone of your front lighting by tilting it slightly in the desired direction.



Adjusting the rear lighting:

Position the rear lighting by tilting it so that it can be seen clearly and completely from behind.



Operating the lighting:

To activate the lighting set, press the red button with the light symbol located between the armrest and the control module. Press the red button with the light symbol again to switch the lighting set off again.

6.4. Extending the seat width of the wheelchair (optional)



NOTE

Maximum seat width extension

The seat extension kit is only suitable for extending the seat width from 48 cm to 56 cm. Do not use the extension kit to achieve an extension of more than 56 cm.

The seat width of the wheelchair can optionally be extended from 48 cm to 56 cm. To do this, the seat extension kit must be attached to the wheelchair.

To assemble the extension kit, proceed as follows:

1. Loosen the two screws of the armrest from the seat (see image) and then pull the loosened armrest towards you. Please make sure that the two black bearings remain mounted on the seat.
 2. Now put the short sleeve on the bracket on the backrest and the long sleeve on the bracket on the seat.
 3. Now put the armrest on both brackets and mount them with the longer screws of the seat extension kit. When tightening the screws, make sure that the armrest can still rotate.
 4. Do the same on the other side of the seat.
- The seat of the wheelchair was extended with the help of the kit.



Image 7: The screws on the armrests

6.5. Charging the batteries



DANGER Danger due to the use of unsuitable chargers

The supplied charger has been specially developed for this wheelchair. The use of other chargers may result in injury due to a short circuit and the batteries may be damaged. Please note the following:

- Only use the supplied ergoflix charger.
- Do not leave the battery and charger unattended during charging.
- Check the charger for damage before charging.
- The charger may heat up during charging. Keep flammable materials away from the charger. Charge the battery only in a dry and fireproof place.



DANGER Risk of fire and electric shock!

If you handle the charger improperly or charge the batteries with another charger, there is a risk of fire or electric shock.

- Do not use batteries that have external damage, there is an increased risk of fire!
-



DANGER Danger due to improper handling of batteries

The batteries are factory-fitted in the designated sockets in the wheelchair frame. Damaging or manipulating the batteries can lead to personal injury. Please note the following:

- Only use the batteries provided for the wheelchair.
- Do not use conductive materials to connect the battery terminals.
- Do not expose the batteries to excessive heat or fire.
- Avoid contact with flammable materials.
- Check the batteries for damage before use and do not continue to use them in the event of damage.
- Do not subject the batteries to mechanical shocks.

To charge the batteries, proceed as follows:

1. Connect the charger to the operating module on the wheelchair or to the battery.
2. Connect the charger to the power supply.
 - ▶ The charger indicator will light up red and the batteries will be charged.
3. Remove the charger as soon as the indicator on the charger lights up green.
 - ▶ The batteries have been fully charged.



CAUTION

Sensitive components

Be careful when connecting the charger. The plug connection consists of sensitive components and can easily be damaged.



NOTE

Full battery charge

Remove the charger as soon as the indicator turns green. The batteries have been fully charged.



Image 8: Charger connections



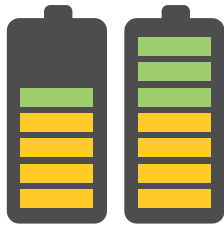
NOTE

Good to know:

You can fold up the armrest to better connect the charger to the operating module.

Charging time – that's how fast it is

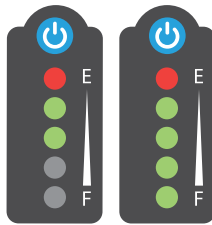
Charging via the operating module:



70%
5 h

100%
6 h

Charging the individual battery:



70%
2 h

100%
2–3 h

When using the batteries for the first time, please note the following points:

- After unpacking, charge the batteries fully via the operating module for a maximum of 6 hours or individually for a maximum of 2–3 hours.
- Please note the display on the charger.
- **Remove the charger as soon as the indicator lights up green.**
- Before using the wheelchair, make sure there is enough battery power.
- If the wheelchair is not used for a longer period of time, please recharge the batteries to approx. 40–60% at 2-month intervals.



NOTE

Battery power

The remaining battery power can be read on the corresponding display of the operating module. For more information, see the section "4.2.6 Operating module" on page 21.

6.6. Changing the batteries

To replace one of the batteries, proceed as follows:

On the inside of the battery frame, press the push button and pull the battery out of the frame at the same time.



Image 9: Changing the battery

- The replacement battery can now be inserted into the battery frame. Please make sure to differentiate between left and right batteries.

6.7. Adjusting the height of the footrest

The height of the wheelchair footrest can be adjusted.

To adjust the height, proceed as follows:

1. Loosen the two screws of the footrest.
2. Loosen the footrest and position it at the desired height.
3. Fasten the screws and make sure that the footrest can still be folded up or down.

- The height of the footrest has been adjusted.



Image 10: The screws on the footrest

7. Operating the wheelchair



CAUTION Risk of injury and property damage due to moisture

Please observe the following instructions to avoid damage to the wheelchair drive and injuries due to malfunctions:

- Only use and store the wheelchair in a dry environment.
 - Do not use the wheelchair in severe weather conditions.
 - Do not clean the wheelchair under running water.
-

7.1. Getting in and out



CAUTION Risk of injury when getting in and out of the wheelchair carelessly

Please note the following instructions to avoid injury when getting in and out:

- Activate the parking brake before getting in and out.
 - Ask a second person for help if you can't get in and out safely on your own.
 - Do not lean on the operating module or the armrests.
 - Do not stand on the footrest.
-

When getting in or out, proceed as follows:

1. Place the wheelchair as close as possible to where you want to get in or out.
 2. Align the steering wheels parallel to the drive wheels.
 3. Make sure the wheelchair is switched off.
 4. Make sure the parking brake is engaged.
 5. Fold the footrest upwards.
 6. Release the locking lever and fold the armrest upwards on the entry or exit side.
 7. Carefully get out of the wheelchair or carefully sit in the wheelchair.
-



CAUTION Damage to the footrest due to high loads

When getting in and out, please ensure that no load is placed on the footrest. This can severely damage the footrest.

7.2. Switching on



CAUTION **Checking the wheelchair before commissioning**

Please observe the following instructions before commissioning the equipment:

- Check the batteries and the connection cable for damage.
 - Make sure the operating module is connected to the wheelchair steering.
 - Inspect the wheelchair visually.
-

To switch on the wheelchair, proceed as follows:

1. Press the "On" button on the operating module.
 - ▶ There will be a signal tone. The battery and speed displays light up. The wheelchair is switched on.

7.3. Switching off

To switch off the wheelchair, proceed as follows:

1. Press the "Off" button on the operating module.
 - ▶ There will be a signal tone. The displays on the operating module no longer light up. The wheelchair is switched off.

7.4. Driving the wheelchair

In the following section, you will find information on using and operating the wheelchair.



CAUTION **Dangers due to careless use**

Before using the wheelchair, please observe the following instructions to avoid injury and property damage:

- Put on the lap belt before using the wheelchair.
 - Be careful not to hang items such as bags etc. on the batteries.
 - Do not drive the wheelchair on your own until you have mastered all the basic manoeuvres such as accelerating, decelerating, etc.
 - Please observe the safety instructions in section "2 Safety" on page 09.
-

7.4.1. Changing the operating mode

Driving mode

To activate Driving mode, proceed as follows:

1. Move the switches on the parking brakes towards the ground until you feel them engage.
 - ▶ The parking brakes have been activated. The wheelchair can be used in Driving mode.

Push mode

To activate Push mode, proceed as follows:

1. The wheelchair can only be pushed manually when it is switched off.
 - Move the switches on the parking brakes towards the backrest until you feel them engage.
 - ▶ The parking brakes have been deactivated. The wheelchair can be pushed.

7.4.2. Driving off

To accelerate the wheelchair forward, proceed as follows:

1. Gently move the joystick forward.
 - ▶ The wheelchair will move forward.

To accelerate the wheelchair backwards, proceed as follows:

1. Gently move the joystick backwards.
 - ▶ The wheelchair will move backwards.

To accelerate at maximum speed, proceed as follows:

1. Carefully move the joystick forwards or backwards as far as it will go.
 - ▶ The wheelchair accelerates at the set maximum speed.



NOTE

Good to know:

When the electromagnetic braking system engages, a clearly audible clicking noise is heard every time the vehicle starts up. This has no effect – you can start as normal.

7.4.3. Steering



DANGER Risk of injury due to careless steering

To avoid injury and property damage when driving around curves and corners, please observe the following instructions:

- Slow down in front of a curve.
 - Keep sufficient lateral distance from obstacles.
 - Observe your surroundings to be able to react appropriately and quickly to dangerous situations.
-

To steer the wheelchair, proceed as follows:

1. Move the joystick in the desired direction while driving or when stationary.

► The wheelchair performs the desired change of direction.

7.4.4. Braking

The electromagnetic brake of the wheelchair is activated when Driving mode has been selected.

Warning: the braking distance can be significantly longer on slopes than on flat surfaces



DANGER Risk of injury due to careless braking

To avoid injury and property damage, please observe the following instructions:

- Practice using the wheelchair brake before setting off.
 - Please note that at a maximum speed of 6 km/h, the wheelchair has a braking distance of up to 1 metre. This increases on damp surfaces.
-

To brake, proceed as follows:

1. Release the joystick slowly.

► The wheelchair brakes.

7.4.5. Reversing

Increased attention is required when reversing. Please note the following:



DANGER **Danger of collision when reversing**

When reversing with the wheelchair, there is an increased risk of serious injury and property damage.

- Always reverse at the slowest speed.
- Look backwards when reversing.
- Please note that the direction changes on the left and right are reversed when reversing.

7.4.6. Horns

1. Press the "Horn" button on the operating module.

► There will be a signal tone.



Image 11: "Horn" button on the operating module"

7.4.7. Setting maximum speed

The maximum speed of the wheelchair can be adjusted in 5 levels.



DANGER Risk of injury due to inappropriate speed

Excessive speed can lead to collisions and accidents with serious injuries and property damage. Before adjusting the maximum speed, please observe the following instructions:

- Check the set maximum speed before each journey.
- Adjust the maximum speed to your experience with the equipment.
- Familiarise yourself with the changed driving behaviour of the wheelchair after each adjustment.
- Observe your surroundings to be able to react appropriately and quickly to dangerous situations. Drive at the lowest speed indoors.

To set the maximum speed, proceed as follows:

1. Press the "+" button once to increase the maximum speed by one level.
 - ▶ There will be a signal tone. An additional LED lights up on the speed display.
2. Press the "-" button to reduce the maximum speed.
 - ▶ There will be a signal tone. On the speed display, one less LED will light up.

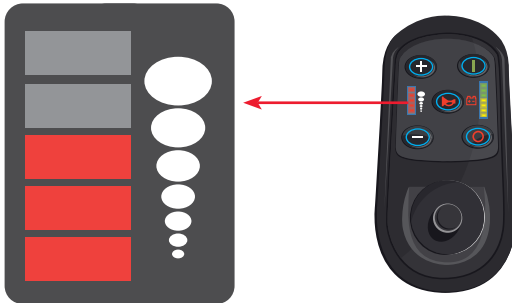


Image 12: Speed display on the operating module

7.4.8. Driving on uphill and downhill gradients



DANGER Risk of injury due to inappropriate driving

To avoid injuries and property damage, please note that an inappropriate driving style on slopes can lead to accidents and serious injuries. To avoid this, please note the following:

- Familiarise yourself with the driving behaviour of the wheelchair before driving.
 - Make sure you are secured with a lap belt and calf strap.
 - Never switch off the wheelchair on slopes or inclines.
 - Drive up and downhill as slowly as possible and always forward.
 - Always drive straight and parallel to the gradient.
-

7.4.9. Overcoming obstacles



DANGER Risk of injury due to inappropriate driving

An inappropriate driving style when overcoming or avoiding obstacles can result in accidents and serious injuries. To avoid this, please note the following:

- Avoid driving around or over obstacles on uneven ground.
 - Avoiding obstacles always takes precedence over overcoming them.
-

When overcoming obstacles, all notes from sections 7.4.7 and 7.4.8 apply. Please also note the following information:

- Drive towards the obstacle slowly, head-on and at right angles.
- First stop about 30 to 50 cm in front of the obstacle.
- Check the position of the steering wheels. They must be oriented in the direction of travel and at right angles to the obstacle.
- Only then and at sufficient speed drive over the obstacle.
- When descending, ensure a steady speed so that the steering wheels do not turn sideways.

7.5. Pushing the wheelchair

The wheelchair can be pushed by an accompanying person if necessary.



DANGER Risk of injury due to uncontrolled rolling away

To use the wheelchair in Push mode, the parking brakes must be deactivated and the operating module switched off.

If you are not careful, there is a risk of serious injury or death from uncontrolled rolling. To avoid this, please note the following:

- Only push the wheelchair by the handle on the backrest.
- Always push the wheelchair with both hands.
- Move the wheelchair with increased care.
- If possible, avoid overcoming obstacles when in Push mode.
- Avoid travelling on slopes when pushing the wheelchair, if possible.
- Please note that there is no manual brake when the wheelchair is in Push mode.



WARNING

Damage to the backrest when force is applied

The accompanying person should avoid exerting force on the backrest of the wheelchair in order to tilt it backwards and thus overcome obstacles. This can seriously damage the backrest. Go around obstacles instead.



NOTE

Pushing as a supporting function

Push mode is used to manoeuvre the wheelchair over short distances. Please note that the manual movement of the wheelchair requires considerable effort and should only be used in exceptional cases.

7.5.1. Deactivating the parking brakes

The motors of the wheelchair are equipped with electromagnetic parking brakes, which prevent unintentional movement of the equipment when the operating module is deactivated or in Driving mode.

Before pushing the wheelchair, the brakes must be deactivated.



CAUTION Risk of burns due to hot surfaces

The housings of the two motors of the wheelchair warm up during prolonged operation. As a result, there is a risk of burns if touched. To avoid this, please note the following:

- ▶ When deactivating the parking brakes, avoid touching the motor housings.

To deactivate the parking brakes, proceed as follows:

1. Push the levers of the two brakes towards the seat until you feel them engage.

► The parking brakes are deactivated.

To activate the parking brakes, proceed as follows:

1. Pull the levers of both brakes towards you until you feel them engage.

► The parking brakes are activated.



Image 13: Position of the parking brakes



Image 14: Activating or deactivating the parking brakes

7.6. Checking the wheelchair before driving

Before every journey, you should get an overview of the condition of the wheelchair and its components. Please note the following information:

7.6.1. Adjusting the lap belt

To adjust the lap belt, proceed as follows:

1. Pull the belt over your pelvis and lock the buckle.
2. Check whether the circumference of the lap belt is sufficient. If this is not the case, adjust the length of the belt analogously to step 1.

► The lap belt has been adjusted.

7.6.2. Check the charge level of the batteries






To check the charge level, proceed as follows:

1. Press the button above the battery charge level display.
- Read the current level of charge on the charge level display.
- The current level of charge is indicated by illuminated LEDs.

7.7. Error messages

The wheelchair operating module has an integrated fault diagnosis. Possible faults are displayed on the speed display.

During operation, the following malfunctions may occur:

Display	Cause	Solution
	The electromagnet of a brake is defective or has been removed.	Contact the dealer.
	The drive is not connected to the power supply or is defective.	Check the connections.
	The batteries of the wheelchair are charged by charging cable.	Wait until the batteries are fully charged.
	The signal transmission between the operating module and the wheelchair is disrupted.	Contact the dealer.
	The batteries of the wheelchair are empty.	Charge the batteries fully.

8. Maintenance of the wheelchair

When used as intended, the wheelchair is subject to a recommended maintenance schedule. This is a guideline for carrying out the maintenance work and does not provide any information about the actual scope of work required on the vehicle.

In the event of defects and necessary maintenance work beyond the scope of the following maintenance schedule, contact the importer (see section "1.9 Directory" on page 08), your specialist dealer or the medical supply store.



DANGER

Risk of injury due to inadequate maintenance work

The equipment may only be serviced by persons who have read these operating instructions. Perform the following steps before and after maintenance and repair work:

- Disconnect the equipment from the power supply.
- Secure the equipment against being switched on again with suitable measures.
- After completion of the work, replace any removed protective devices and secure the existing fastenings.
- Please also observe the safety instructions in section "2 Safety" on page 09.



WARNING

Risk of injury from unsuitable spare parts

The manufacturer's spare parts must be used for the equipment's assemblies and parts.

- In the event of defects in individual assemblies and parts, contact the importer or manufacturer immediately.

Type and frequency

The time periods indicated are based on average working conditions. Higher loads or unusual conditions require a higher number of inspections for the same term.

8.1. Storage of the wheelchair

- Store the wheelchair in a dry place.
- If the wheelchair is stored for a longer period of time, the instructions for storing the batteries can be found in the enclosed battery guide or downloaded from the ergoflix website.

8.2. Before setting off

Perform the following checks before each journey:

- Visually inspect the wheelchair.
- Check that the motor brakes are working properly by briefly starting up and releasing the joystick.

- Check the parking brakes and the shift levers are functioning properly.
- Check the condition and function of the steering and drive wheels. Pay particular attention to free running and damage.

8.3. Monthly maintenance

Perform the following checks on a regular basis as indicated:

Frames

Check the wheelchair as part of a visual inspection. It must not be damaged. Frame parts must not be missing.

Wheel fixings and adjustment screws

Check that screws, nuts and other connecting elements are tight. Tighten all bolts and nuts of the wheelchair regularly with the supplied tool.

Electrical installation

Perform the following work on a monthly basis:



DANGER **Danger to life from electric shock.**

Electrical current may flow during wheelchair maintenance. Contact with high voltage may result in serious injury and injury resulting in death.

- Before carrying out maintenance work on the electrical installation, the equipment must be disconnected from the power supply and secured against reconnection.
-
- Check the electrical installation for loose connections and, if necessary, have them fixed by the dealer in the event of a defect.
 - Check the cables of the equipment and, if necessary, have them replaced by the dealer.
 - Check plug connections and have them replaced by the dealer if necessary.

8.4. Quarterly maintenance

Perform the following work on a quarterly basis:

- Check the equipment according to the monthly maintenance.
- Check all screw connections and suspensions of the wheelchair.
- Check the tread depth of the tires (the minimum tread depth is 1 mm).
- Clean the equipment thoroughly to remove all dirt.

8.5. Six-month maintenance

Carry out the following work every six months:

- Check the equipment according to the monthly and quarterly maintenance schedule.

8.6. Disinfection and cleaning



WARNING Hazardous disinfection and cleaning products

Do not use dangerous cleaning products that can lead to skin changes. Wear suitable protective clothing, as the disinfectant solution can cause irritation on contact with the skin. Pay attention to the product information of the respective solution.

If the product is used by several people (e.g. in a nursing home), the use of a commercially available disinfectant is mandatory.

- Before use, the pads and handles must be cleaned and disinfected.
 - Spray or wipe disinfection is permitted with tested and recognised disinfectants. A list of the disinfectants and procedures tested and approved by the Robert Koch Institute can be found at: <http://www.rki.de>.
 - The nylon cover of the seat cushion has a zipper. If you want to clean the nylon cover, open the zipper and remove the foam. The nylon cover can be easily washed in the washing machine.
 - When using disinfectants, it is possible that surfaces may be affected by the application, which may limit the long-term functionality of the components.
 - The instructions for use specified by the manufacturer must be observed.
-

8.7. Re-use

Before each re-use, the wheelchair must undergo a complete inspection.



NOTE

The hygiene measures required for reuse must be carried out in accordance with a validated hygiene plan.

If your specialist dealer carries out a revision/refurbishment or makes significant changes to your wheelchair without using original spare parts, this may mean that your wheelchair has to be placed on the market again. This also means that your specialist dealer may have to carry out new conformity assessments and tests.

9. Disassembly and disposal

9.1. Safety warnings



WARNING Risk of injury during disassembly

Mechanical or electrical dangers may occur during disassembly.

To avoid this, please note the following:

- The wheelchair may only be dismantled by authorised specialist personnel.
 - Do not touch live components.
 - Wear appropriate protective clothing.
 - Only use suitable and approved tools.
 - Also observe the safety instructions in section "2 Safety" on page 09.
-

9.2. Qualified technicians



WARNING Risk of injury due to improper disassembly

Personnel who are not sufficiently qualified may not be able to disassemble the equipment properly. Injuries may occur as a result.

- ▶ The equipment may only be dismantled by authorised and qualified personnel.
-

Qualified technicians must comply with the following:

- Observe the safety instructions in these operating instructions.
- Wear suitable protective clothing (protective gloves, safety shoes, etc.).
- Use suitable tools.
- Use suitable means of transport and keep transport routes clear.
- Disconnect the power supply (electrical system) and secure it against switching on in accordance with the relevant accident prevention regulations.
- Discharge energy storage devices, e.g. batteries or capacitors.

9.3. Disassembly

To disassemble the wheelchair, proceed as follows:

1. Disconnect the power supply (electrical system) and secure it against being switched on again.
2. Discharge energy storage, e.g. batteries or capacitors.
3. Disassemble the wheelchair into its components using suitable tools.



NOTE

Good to know:

The capacity of batteries can be tested by us, so that the battery can be recycled.

9.4. Disposal

Dispose of the components in a professional and environmentally friendly manner. Observe all legal regulations:

- All depleted or defective batteries must be returned to the retailer.
- Only ship the batteries if the housing is undamaged.
- Tape open contacts and pack the battery so that it does not move in the packaging.
- Inform your parcel service that the goods are dangerous goods. Please also note any additional national regulations.
- The wheelchair batteries can be returned wherever they were purchased.



NOTE

Good to know:

You can report incidents, feedback, complaints or unwanted malfunctions to ergoflix Group GmbH by telephone or by e-mail to **technik@ergoflix.de**.

ergoflix Group GmbH

Marktstr. 20, 46499 Hamminkeln
Fon 02852 9459000
Fax 02852 94590 99
info@ergoflix.de, www.ergoflix.de

Telephone service hours

March to November:

Monday to Friday from 8:30 am to 6:00 pm

December to February:

Monday to Friday from 8:30 am to 5:00 pm



This product complies with the requirements of Regulation (EU) 2017/745 on medical devices.

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