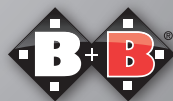


Instruction manual  
**Triplex**



*Enjoy mobility.*



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## 1. Introduction

Dear user,

You have decided on a high-quality B+B electric wheelchair, and we would like to thank you for your trust.

The electric wheelchair was designed to offer you many advantages and meet your needs. The wheelchair can be fitted to your individual body size thanks to a multitude of adjustable features and optimal adaptability such as the length of the lower leg, the recline of the backrest, the sag of the backrest as well as the swing away function of the control unit and the choice of mounting the control unit either to the left or the right side.

The Triplex can be supplied with two different control systems. The VR-2 control system offers you the possibility to adjust up to two components electronically. The R-Net control system allows an electrical adjustment of up to four components. These are seat angle, back angle and knee angle (right and left). Thus, the Triplex can easily be customised to your specific needs.

The electric wheelchair is designed for indoor and outdoor use.

The electric wheelchair is designed for indoor and outdoor use. Before using your new electric wheelchair for the first time, please read and follow the instructions in this manual carefully. The instruction manual is an integral and necessary part of the wheelchair. This is why you should keep it close by and include it when passing on the wheelchair to someone else.

Any repairs and adjustments require special technical training and may therefore only be carried out by authorized B+B dealers.

## 1.1. Signs and symbols



Warning: These are especially safety-relevant instructions. Follow the directions in the manual!



Important: This is especially useful information on a given subject.

## 2. Important safety instructions

### 2.1. General safety instructions

- To avoid falls and dangerous situations, you should first practice driving your new wheelchair on level, unobstructed ground. We recommend having an assistant with you.
- Please make sure that all parts have been properly installed before using the wheelchair.
- Practice driving on level, unobstructed ground before first use. Get a good understanding for the way the wheelchair brakes and accelerates when driving straight ahead or a curve.
- Please note that displacing the center of gravity by shifting the body or by adding loads may increase the risk of tipping over the wheelchair to the side or backwards.
- The wheelchair may not be used for transport of more than one person or any additional load. Make sure to only use it for the intended purpose.
- Beware of the risk of trapping body parts when setting and adjusting the wheelchair.
- Never use the wheelchair under the influence of alcohol or other substances that may impair your attention and/or your physical and mental capacity.

- To overcome obstacles, please be sure to use ramps. Should it be necessary to lift the Triplex over an obstacle, then only do so without the occupant. Only lift by the solid parts of the frame.
- Avoid hitting obstacles (steps, curbs) at full speed.
- Please pay attention to the tilt prevention feature on steps, lifting platforms and ramps. Make sure there is enough clearance on top, on the bottom and on the sides.
- The control unit must always be switched off when getting in or out of the wheelchair.
- All road traffic regulations must be observed when driving on public roads.
- The rear lights at the wheelchair must always be visible to other road users.
- If possible, wear bright, conspicuous clothing. This will make it easier for other road users to see you.
- Please note that the upholstery will heat up if directly exposed to sunlight and may cause injuries to your skin when touched. You should therefore cover these parts or protect the wheelchair from exposure to direct sunlight.
- Please note the increased risk to the user, passenger and third parties of getting trapped when using the electric seat adjustment.



Please note that operating the wheelchair in push mode by uncoupling the drive mechanism will deactivate the electro-magnetic brakes. The wheelchair should therefore only be used on level ground in this mode. Non-observance may lead to life-threatening situations.

## 2.2. Advice regarding EMC interference

Despite meeting all applicable EMC guidelines and standards it is possible that the wheelchair will experience interference from other electrical devices (e. g. cell phones) or interfere with these. Should you notice such interference, either turn off the other device or your electric wheelchair and move it outside the interference range.

## 2.3. Brakes

The wheelchair is brought to a standstill by the automatic brake after releasing the joystick. When the wheelchair is being pushed no parking brake is available when the drive mechanism is disconnected. To lock the wheelchair in place, you need to reconnect the drive mechanism. Stop the wheelchair first. In an emergency, it can also be engaged whilst in motion e.g. on steep paths.

## 2.4. Use on public roads

The wheelchair is designed for indoor and outdoor use. Please keep in mind that you are using public roads and therefore have to observe all road traffic regulations. Do not endanger other road users through inconsiderate driving, especially on walkways.

## 2.5. Purpose

The Triplex electric wheelchair is designed for indoor and outdoor use by persons with impaired mobility.

It is therefore sufficiently compact and agile for indoor use and also capable of handling medium distances and overcoming small obstacles outdoors. It is classified under category B according to the EN 12184 standard. The maximum load capacity is 120 kg.

## 2.6. Indications for use

Inability or severely impaired ability to walk due to

- paralysis
- loss of limb
- defect/deformity of limb
- joint contracture
- joint damage (not in both arms)
- other diseases

The provision of an electric wheelchair is indicated if the use of a handdriven wheelchair is no longer possible but the proper operation of an electric drive is possible.

## 2.7. Contraindication

The provision of an electric wheelchair is unsuitable for persons

- with severe balance disorders
- with impaired or insufficient vision
- with strongly impaired cognitive abilities

## 2.8. Declaration of conformity

B+B, as manufacturer and solely responsible party, hereby declares that the electric wheelchair Triplex complies with the requirements of the EC Directive 93/42.

## 3. Description of product and contents

### 3.1. Inspection on delivery

All B+B products undergo a proper final inspection in our company and

are labeled with the CE mark. The wheelchair is supplied in a special box. After unpacking save the box if possible. You may need it later for storage or to return the product.

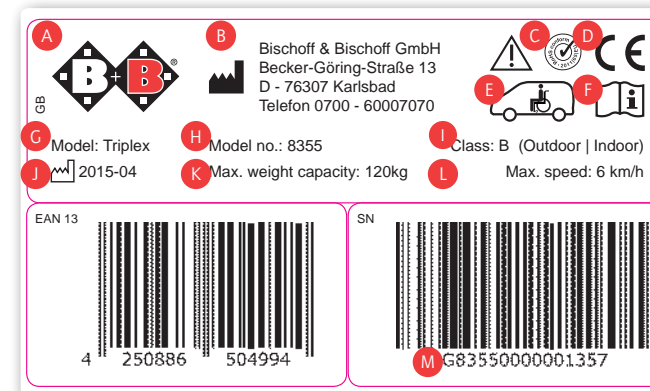
Assembly, adjustment to your body size and first instructions are taken care of by your qualified medical supply dealer.

If the wheelchair is shipped by rail or road, the goods should be checked immediately for transport damages (carton) in the presence of the bearer. Should there be any damage, please contact our customer service (Tel.: +49 700 6000 7070) immediately.

Check the contents for completeness and make sure nothing is damaged. Should you find any irregularities or damage, please contact our customer service (Tel.: +49 700 6000 7070).

## 3.2. Type plate and serial number

The type plate and serial number are located under the seat.



- A Manufacturer logo
- B Manufacturer information
- C RoHS logo
- D CE mark
- E Not suitable for use as a seat in a vehicle
- F Important - Adhere to the operating instructions
- G Model designation
- H Model number
- I Application class
- J Date of manufacture
- K Maximum load capacity
- L Maximum speed
- M Serial number

### 3.3. Contents

After receipt of the goods, please check the contents for completeness right away. The contents consist of:

- outer package
- electric wheelchair (ready for use incl. 2 batteries)
- VR2 control system (R-Net with electrical adjustable components)
- charging unit
- seat cushion
- set of tools
- instruction manual

### 3.4. Summary



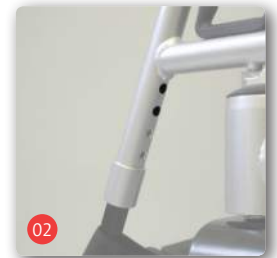
### 3.5. Basic settings

It is necessary to adjust the wheelchair to your body size before first use. This is the only way to ensure a physiologically correct posture allowing for long drives without tiring. Below you find a description of the basic settings of the wheelchair. You should carry out these adjustments with the help of your medical supply dealer.

#### 3.5.1. Mechanical footrests

##### Length of lower leg supports

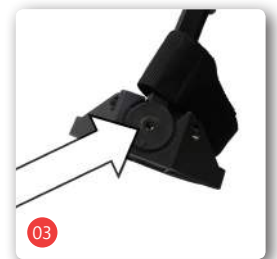
- The lower leg supports can be adjusted from 47 to 55 cm.
- To do so, loosen the two allen screws.
- Adjust to the desired height.
- Tighten the screws again. Use medium-strength Loctite to lock screws in place.



Make sure to always use two screws for secure fastening!

##### Angle of footrest

- The angle of the footrests is adjustable in 25° steps.
- Loosen the screwing at the side of the footrest.
- Adjust to the desired angle.



Make sure to set the angle only within the marked range!

### 3.5.2 Electronic footrests



#### Length of lower leg supports

- The lower leg supports can be adjusted from 47 to 55 cm.
- To do so, loosen the two allen screws.
- Adjust to the desired height (fig. 04).
- Tighten the screws again.
- Use medium-strength Loctite to lock screws in place.



#### Angle of footrest

- The angle of the footplate is fully adjustable.
- Undo the screw to the side of the footplate.
- Adjust the footplate to the desired angle (fig. 05).
- Tighten the screw again.
- Use medium-strength Loctite for fixation.



Make sure there is an appropriate distance between footrests and the ground.



#### Height of the calf pad

- The height of the calf pad is adjustable.
- Undo the screw to the side of the footrest.
- Adjust the calf pad to the desired height (fig. 06).
- Use medium-strength Loctite for fixation.

### 3.5.3. Seat

#### Seat depth

- The default setting of the seat depth is 45 cm.
- You can reduce the seat depth to 40 cm. You should then use a newly fitted seat cushion.
- To adjust the seat depth, undo the fastenings of the backrest, slide it forward and tighten the screws again (fig. 07).



#### Seat angle - mechanical

This description only applies, if you have a configuration with a mechanically adjustable seat angle.

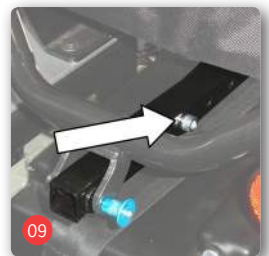
- The default setting of the seat angle is 1° backwards.
- The seat angle can be adjusted backward in five settings.
- To do this, undo the fastening screw on the telescopic section at the front under the seat.
- Remove the screws and adjust the seat to the desired angle (fig. 08).
- Place the screws into the nearest possible hole and tighten them again.



#### Angle of the back - mechanical

This description only applies, if you have a configuration with a mechanically adjustable back angle.

- The angle of the backrest of your electrical wheelchair can be easily adjusted. In addition, you also have the option of entirely folding down the backrest forwards.
- To fold down the backrest, remove the fastening pin on the backrest and then fold down the backrest. (fig. 09)
- The angle of the backrest can be adjusted to four settings.
- Undo the fastening screw on the telescopic section at the back under the seat.



- Remove the screw and adjust the seat to the desired angle.
- Place the screws into the nearest hole and tighten them again.



Make sure that both pins, on the right and left, are fully engaged.

### 3.5.4. Electronic adjustment functions

Depending on the configuration it may also be possible to adjust the angle of the seat, backrest and footrests electronically. For further details, see chapter 4, "Using the wheelchair".



Beware of the risk of to the user, carer and third parties when electronically adjusting the seat functions.

### 3.5.5. Side parts

You can slide the side parts sideways.

- Undo the fastening screw underneath the seat and slide the side part into the desired position (fig. 10).
- Tighten the screw again.



Make sure the fastening is firmly tightened.

### 3.5.6. Armrests

The armrests can be completely taken off to be able to get in and out of the chair from the side. In addition, the height of the armrests can be adjusted. They can also be adjusted sideways by adjusting the side parts (see side parts).

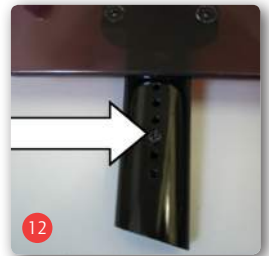
#### Removing the armrests

- To remove the armrest, loosen the wing bolt and pull out the armrest to the top (fig. 11).
- When installing the armrest, make sure it is inserted all the way and fastened again.



#### Adjusting the height

- First take the armrest out of the mounting.
- Remove the arresting bolt and screw it back into the armrest at the desired position (fig. 12).
- The lowest hole represents the maximum height of the armrest.

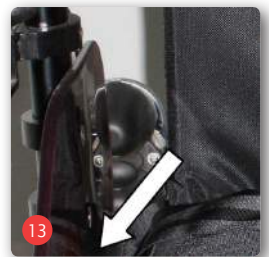


### 3.5.7. Control unit

- The control unit can be mounted either on the right or left-hand side underneath the armrest each.
- The control unit must be adjusted by a qualified mobility dealer to warrant safe functionality of the wheelchair.

#### Adjusting the height

- The distance to the armrest can be adjusted.
- Loosen the screw connection on the inner side of the side part. (fig. 13)
- Move the control unit into the desired position, then tighten the screw again.








**Distance from the armrest**

- You can adjust the position of the control unit to your forearm length.
- Loosen the hand screw on the outer side of the side part.
- Move the control unit into the desired position, then tighten the screw again (fig. 14).

 Don't forget that the cables to the control unit have to be repositioned. This should be done by an expert.



**3.5.8. Seatbelt**

The seatbelt is attached to the side of the backrest.

- Adjust the length of the seatbelt by positioning the buckle accordingly (fig. 15).
- Fasten the seatbelt with the latch.
- Open the seatbelt by pushing the red button at the latch.

**4. Using the wheelchair**

After adjusting the wheelchair to your personal needs, familiarize yourself with the control functions.

**4.1. General functions**

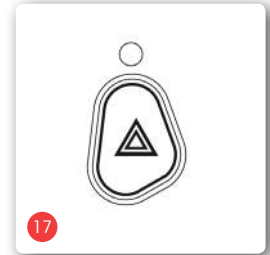


**Light**

Use this button to switch on the active lighting system of your wheelchair when darkness falls or when travelling through dark areas such as tunnels. This will make you more visible to other traffic (fig. 16).

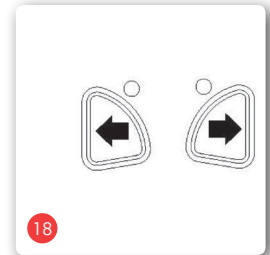
**Warning indicators**

Press this button to switch on the warning indicators in emergency situations, such as inability to move the wheelchair. All four indicator lights will flash and signal other traffic that your wheelchair is disabled (fig. 17).



**Indicators (left/right)**

Use this button (fig. 18) to switch on the left or right indicators of your wheelchair to signal other traffic that you wish to change your direction of travel to the left or right. Press the button again to switch off the indicators.



**Battery status display**

The battery status display (fig. 19) shows the charge status. If the display is in the green range, the battery is sufficiently charged. If the display is in the red range, the wheelchair can only be used for a short distance and the battery should be charged as soon as possible (see charging procedure).



**ON/OFF button**

Press this button to switch on the wheelchair (fig. 20).





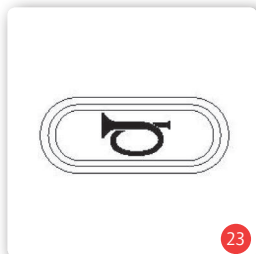
**Display of mode**

The mode display shows the preselected mode. Settings from 1 to 5 LEDs are available. The modes indirectly define the maximum available speed when the joystick is moved, i.e. in mode 5 the highest maximum speed is available and in mode 1 the lowest (fig. 21).



**Setting the mode**

Press these buttons to change the mode, i.e. increase (right) or reduce (left) the maximum available speed. The speed is controlled by movement of the joystick (fig. 22).



**Horn**

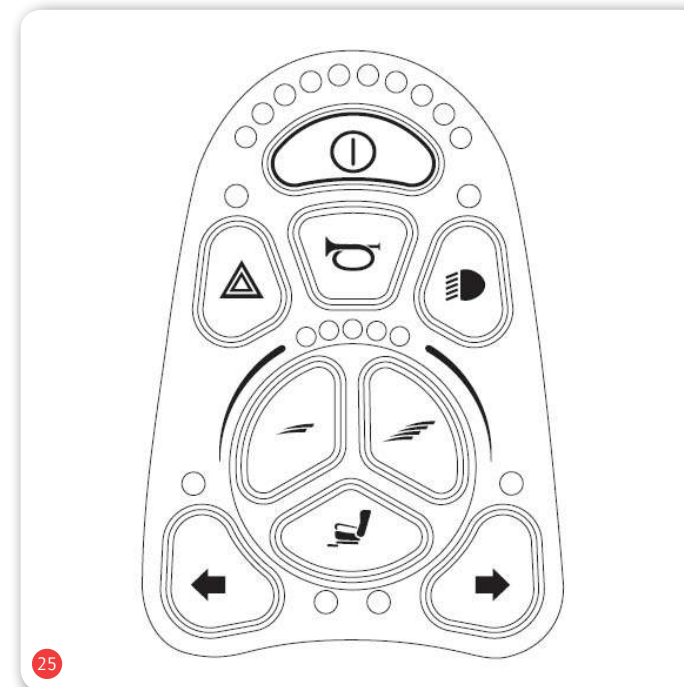
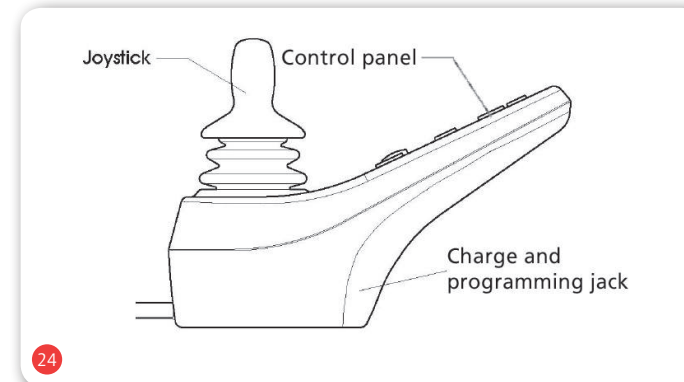
Press this button to sound the horn (fig. 23).

**Immobiliser**

To protect your wheelchair from unauthorised use or theft store it in a locked room or activate the immobiliser.

- Press and hold the On/Off button until you hear a beep and release it.
- Move the joystick in the direction of travel and then to the neutral position. It will beep in each position. Now the control is locked.
- Switch on the controller with the On/Off button.
- Move the joystick in the direction of travel and then to the neutral position. It will beep in each position. Now the control is released.

**4.2. Description of functions of VR-2 control**

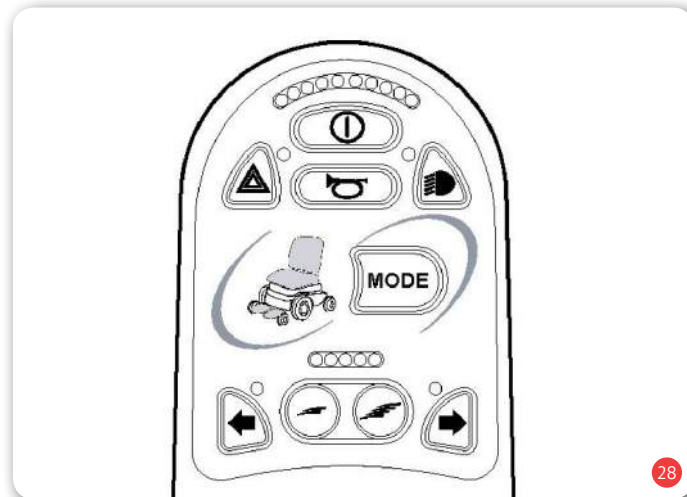
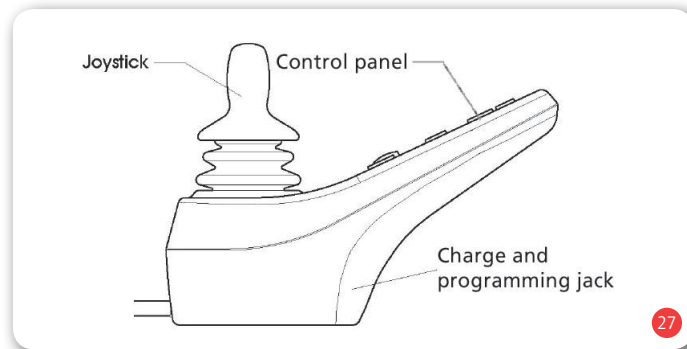




**Adjustment functions**

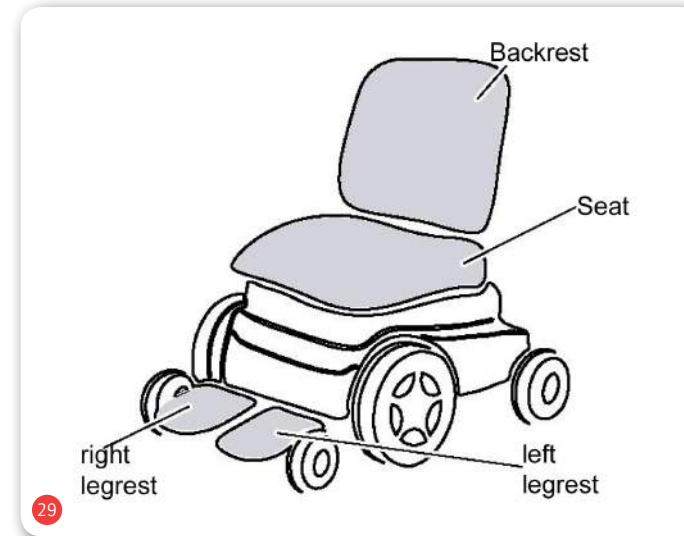
Use this button (fig. 26) to activate the electronic adjustment functions. Move the joystick to the left or right to choose between the two possible adjustment functions. These are indicated by the two LEDs below the button. The functions are adjusted by moving the joystick up and down.

**4.3. Description of functions of R-Net control system**



**Display panel of the adjustment functions**

Illuminated LEDs of the respective adjustment function (left footrest, right footrest, seat, back) indicate which adjustment function is currently active.



**Adjustment functions**

Use this button (fig. 30) to activate the electronic adjustment functions. Move the joystick to the left or right to choose between the four possible adjustment functions. These are indicated by LEDs on the display panel. The functions are adjusted by moving the joystick up and down.



#### 4.4. Entering and leaving

##### **Entering and leaving from the side**

- Move the wheelchair as close as possible to the present or future seat so they are side by side.
- If you wish to move from another wheelchair or room chair, lock it by setting the parking brakes.
- Lock the Triplex to prevent it from moving accidentally by pressing the On/Off button to switch off the control (all displays off).
- Remove the arm rest and side section.
- Fold the foot plates to the side or remove the leg rests.
- Now slide sideways onto the other seat.
- Make sure that you are sitting as far back in the seat as possible.
- Move the arm rest and leg rests to the original position.

##### **Entering and leaving from the front**

- First fold the foot plates up or remove the leg rests.
- Move the Triplex as close as possible to the present or future seat front to front.
- If you wish to move from another wheelchair or room chair, lock it by setting the parking brakes.
- Now slide onto the seat by turning your body around.
- Then move the arm rest and leg rests to the original position.

#### 4.5. Driving the wheelchair



Before moving check that the solenoid brake is correctly locked.

##### **Commissioning**

- Sit in the seat of your B+B wheelchair and place your legs of the footrests.
- Make sure that you are sitting as far back in the seat as possible.
- Make sure that there is no loose clothing such as scarves, shirts etc. is hanging from the wheelchair and could be caught in the wheels.
- Make sure that you are comfortably and securely seated.
- Press the On/Off button to switch on the Triplex.
- All electrical driving functions are now available.

##### **Driving functions**

- Your dealer can adjust the values for speed, acceleration and deceleration to your requirements subject to the legal regulations.
- For a start select a low mode and increase it while moving if required.
- Use the joystick to start moving.
- The joystick is used simultaneously to increase the speed and to change the direction of movement.
- When the joystick is in the central position, the wheelchair is mechanically braked and locked to prevent it from moving unexpectedly.

**Moving forward:** to move forward in a straight line move the joystick cautiously forward. The further forward the joystick is moved, the faster your wheelchair gets. If you release the joystick the wheelchair will automatically be braked to a stop.

**Reversing:** to move in reverse mode, move the joystick cautiously back. The further back the joystick is moved, the faster your wheelchair gets. If you release the joystick the wheelchair will automatically be braked to a stop.

**Turning corners:** To change direction of travel, tilt the joystick to the left or right. This can also be done when the joystick is tilted forwards or backwards, i.e. while driving backwards or forwards.

#### 4.6. Leg supports



##### Mechanical leg-rests

To make it as easy as possible to enter and leave your wheelchair, the foot plates can be folded up, or the leg rests can be swung to the side out of the way or removed.

- Open the lock to swing the leg rest to the side (fig. 31).
- The leg rest in the swung-out position can be completely removed (fig. 32).
- When you want to replace the leg rest, proceed in reverse order.
- Move the leg rest to the forward position until you hear it lock into place.



##### Electronic leg-rests

In order to make getting in and out as easy as possible, you can fold the foot-plates upwards and pivot the calf rests outwards. You can also swing out or raise the footrests.

- First remove the connection cable to the foot rests.
- To pivot the footrest outwards, open the locking device (fig. 33).
- In the "external position" the footrest can be removed entirely.
- To reassemble the footrest reverse the process.

- Swing the footrest forwards until you hear it click into place.

#### 4.7. Pushing the wheelchair

If you wish to push the wheelchair in some situations, the brakes must be unlocked. The wheelchair is easy to push in freewheel mode.



Caution! The electromechanical brake is disabled in this mode.

- Move the unlocking levers down.
- A small jerk will indicate that the drives are now unlocked.
- To lock them again pull the unlocking levers up and they will lock automatically.



For safety reasons the motor drive is locked in freewheel mode.



Caution! Danger of fatal injury! The drives must only be unlocked on level ground.



## 5. Technical data

### Dimensions and weights

Max. load capacity:	120 kg
Seat width:	45 cm
Seat height:	54 cm
Seat depth:	40 bis 45 cm
Seat angle:	-2° bis +10° +2° bis +20° (electrical adjustment)
Seat back height:	55 cm
Seat back angle:	90°, 100°, 110°, 120° 90° bis 135° (electrical adjustment)
Overall length:	106 cm with supports
Overall width:	60,5 cm
Unloaded weight:	88,3 kg incl. batteries

### Tyres

Drive wheels:	3.00-8 mm (PU)
Swivelling wheels:	2,80/2,50-4 mm (PU)

### Elektrical system

Main fuse:	50 A
Battery:	2 x 12V / 50 Ah (Gel)
Battery charger:	24VDC / 4A (HP8204B)
Motor:	DC 24 V / 9MA-450L, 450 W
Controller:	PG Drives VR2-L, R-Net LED-L
Lights and indicators:	as required by German traffic regulations

### Driving characteristics

Speed:	6 km/h
Climbing capacity:	8°
Obstacle height:	50 mm (Driving forwards)
Range:	32 km
Turning circle:	120 cm

### Equipment

Frame:	powder-coated steel frame
Brake:	automatic braking system conforms to the German Road Traffic Licensing Regulations (StVZO)

### Operating forces

Joystick:	approx. 1 N
Buttons on the control panel:	approx. 1 N
Disconnecting the drive mechanisms:	> 60 N

## 6. Care instructions for the user

### 6.1. Cleaning and disinfection

Make sure that the wheelchair is switched off before starting to clean it.

- The frame sections and panels of the wheelchair can be wiped with a damp cloth. A mild cleaning agent can be used for stubborn dirt.
- The wheels can be cleaned with a damp brush with plastic bristles (do not use a wire brush).
- The seat, seat back and arm rests can be cleaned of dust and minor dirt with a damp cloth. Do not use aggressive cleaning agents, because they may attack the surface of the material. The cushions can be washed with warm water at 40°C and disinfected with a standard disinfectant.
- Please note that electrical and electronic components must not come into contact with water unnecessarily.



Caution! Do not use high pressure cleaners or steam cleaners.

## 6.2. Check before use

### 6.2.1. Brake check

Every time you use the wheelchair check the brake system. Move forward slowly and release the joystick. The wheelchair must come to a stop in the normal manner. When it is at a standstill the mechanical brake must lock with an audible click. If you detect unusual brake behaviour, inform your dealer immediately and do not use the wheelchair. The motor brake operates correctly if you cannot push the wheelchair when it is switched off. However, if it can be moved, the electromagnetic brake is faulty. Do not use the wheelchair if this is the case. Contact your dealer immediately.

### 6.2.2. Checking lights, indicators and horn

Before moving off in the wheelchair always check the operation of the lighting system, the indicators and horn. If you press the button and there is no response from the equipment, inform your dealer immediately and do not use the wheelchair.

### 6.2.3. Checking the tyres

Before moving off in the wheelchair always check that the tyres are undamaged and the tyre pressure is adequate. If the pressure is too low, the tyres must be pumped up. Check the tyre tread depth at least once a month. It should be at least 1 mm. Defective or worn tyres must be replaced by the dealer.

## 6.3. Batteries

The wheelchair is equipped with maintenance-free gel batteries whose fluid level does not need to be checked. If you do not use your wheelchair for an extended period, the batteries should be charged every two months, otherwise they may be destroyed by deep discharge. Make a habit of checking the battery status display on the control every time before using your wheelchair. If the battery status display shows only the red LEDs, do not travel long distances and connect the battery charger to the wheelchair as soon as possible (VR2 control). We recommend charging the battery after every time the wheelchair is used.

### 6.3.1. Charging

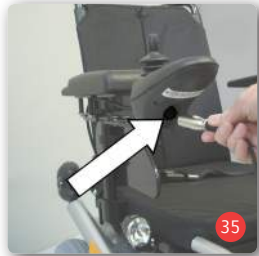
#### **Charging for the first time:**

To charge the batteries to their maximum capacity proceed as follows:

- Discharge the factory-charged batteries until the LED display shows two bars.
- Charge the batteries as described below (approx. 16 hours).
- Discharge the batteries again to two bars on the LED indicator.
- Finally charge the batteries as described.

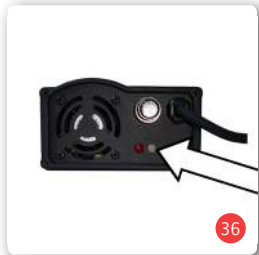


Use only approved battery chargers to charge the batteries (see Technical Data). Follow the instructions for use of the battery charger.



Before using the battery charger check that the mains connection is 230 V.

- Switch off the wheelchair first.
- Connect the battery charger to the wheelchair. The charging jack is on the side under the control.
- Plug the mains plug of the battery charger into the mains socket (230 V).
- The charge indicator (green) of the battery charger shows the status of the charging process.



Red – battery charger is switched on

Yellow – charging

Green : charging is complete

- Once charging is complete, disconnect the mains plug and disconnect the battery charger from the wheelchair.

### 6.3.2. Replacing batteries

When working on the batteries be very careful, do not use metal tools, do not touch the battery terminals and follow the directions of the battery manufacturer.



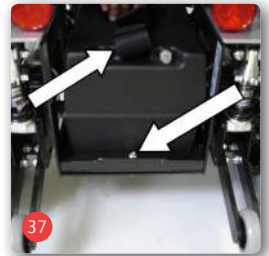
**Caution!** This work should only be done by a trained technician. Danger of electrocution!

Use only batteries approved for this wheelchair (see technical data). Make sure that the wheelchair is switched off before starting to replace batteries.

- First remove the battery cover.
- Loosen the screws on the right and left.
- Now the belts that hold the battery can be released.
- Disconnect the battery cable. First the red terminal and then the black terminal. Make sure you use insulated tools and do not contact metal frame parts while disconnecting the cables.
- Lift the batteries carefully out by the handles.
- Install the new batteries in their correct position and connect the terminals. Note the correct colour-coding (red and black).
- Secure the batteries with the belts and attach the battery cover.



When the batteries have reached the end of their life, i.e. they can no longer be adequately charged, they must not be disposed of with household rubbish. Old batteries are returned to the dealer when new batteries are purchased and correctly disposed of.



### 7. Maintenance tips for retailers

We recommend having the complete wheelchair inspected by the dealer at least once a year. If faults or defects in the wheelchair are found, it must be returned to the dealer for repair immediately. The dealer can receive the required information, documentation and circuit diagrams for repair and service on request. A training program is also available for dealers.

B+B customer service is available to answer questions at +49 (0)700/60007070.



## 8. Disposal

If the wheelchair is no longer used and you wish to dispose of it, please contact your dealer.



If you wish to dispose of it yourself, please contact a local recycling company for the disposal regulations of your jurisdiction.

## 9. Transferring the wheelchair

When the wheelchair is transferred to a new owner, please include all the technical documentation with it for the new user.



The wheelchair must be inspected in accordance with the service schedule and must be in good condition.

## 10. Maintenance

Our customer service can provide a service schedule for the wheelchair.

## 11. Transport

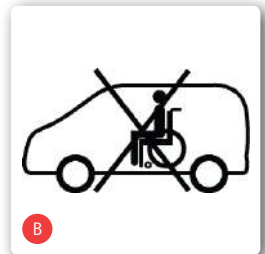
You can determine whether or not your wheelchair is approved for use as a seat in a vehicle for transporting disabled people by referring to the symbols on the CE sticker on the product:

- **Wheelchair suitable for use as a seat in a vehicle for transporting disabled people (Fig. A)**
- **Wheelchair not suitable for use as a seat in a vehicle for transporting disabled people (Fig. B)**
- **Fixation points on the restraint system (Fig. C)**

All products approved by B+B for use as seats in vehicles are tested in accordance with ISO 7176-19. The tests in accordance with ISO 7176-19 were performed using restraint systems from AMF-Bruns. The correct mounting of the restraint system is a prerequisite for the safe transportation of the products in a vehicle for transporting disabled people and the basis for the approval.

The restraint systems from AMF-Bruns provide the ideal points for the provision of restraint force for the purpose of securing the products in the vehicle for transporting disabled people (known by the German term „Kraftknoten“, which is defined in the standard DIN 75078-2). For the purpose of providing restraint in the vehicle for transporting disabled people (Fig. C), the products must only be secured at these specific points („Kraftknoten“ points). If possible, use a permanently installed car seat and its belt system. Stow the wheelchair in the luggage space. The person responsible for the transportation should be familiar with the current regulations for transportation as well as with the method of operating the vehicle for transporting disabled people and the restraint system. Anchored 4-point restraint systems must be used to secure the wheelchair in the vehicle.

If you have any queries about securing your product in a vehicle for transporting disabled people, please contact the B+B customer service department on +49 (0)700/60007070.





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