

Scooter

Model 1.274, CL515

en

Operating manual



ORTOPEDIA®
BY MEYRA

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MEANING OF THE APPLIED MARKERS

Safety instructions with a coloured background are mandatory and need to be observed under any circumstance!


-  This symbol indicates tips and recommendations.
- [] Reference to a picture number.
- () Reference to a function element within a picture.

INTRODUCTION

Read and observe this manual before first operation.

Children and juveniles should read this documentation together with their parents respectively a supervisor or accompanying person before first use.


This operating manual is to help you get accustomed to the handling of the Scooter as well as to prevent accidents.

-  Please note that the illustrated equipment variants can deviate from your model.

We have therefore also listed chapters with options that might not be applicable for your Scooter. A list of the available options and accessories can be viewed in the order form of your Scooter.

Users with visual impairments can find the PDF-files together with further information on our website:

< www.meyra.com >.

-  Contact your specialist dealer when required.

Alternatively users with visual impairments can have the documentation read out by a helper.

Inform yourself regularly about product safety and possible recalls of our products in the < *Information center* > on our website:

< www.meyra.com >.

We have developed a Scooter that complies with the technical and governmental regulations of medical devices. For information about a severe accident that can still not be ruled out completely, please use our E-mail address < info@meyra.de > and inform the responsible governmental agency of your country.

LIST OF MODELS

This operating manual applies to the following models:

Model 1.274, CL515

INDICATIONS / CONTRAINDICATIONS

In case of allergic reactions, redness of skin and/or pressure sores while using the Scooter, contact a doctor immediately.

In order to prevent contact allergies, we recommend to use the Scooter only when wearing clothes.

The Scooter serves to improve the independent mobility for people with limitations in mobility not necessarily caused by disease.

The Scooter may not be used in cases of:

- Inability to sit.
- Loss of limbs on arms and legs, that cannot be compensated by prosthetics.
- Blind people and people with limited eyesight that cannot be compensated with other aids and lead to constraints in daily life.
- Cognitive limitations and mental retarding, that rule out the independent use of the Scooter.
- Influence of impairing medications (ask your doctor or pharmacist).
- Extreme limitations in balance and/or disorders in perception.
- Contractures to arms and legs that prevent a safe use of the Scooter.

- Circumstances that prevent the individual use of the control device.
- ☞ To these and other possible risk concerning your Scooter ask your doctor, therapist or specialist dealer.

ACCEPTANCE

All products are checked for faults in the factory and packed in special boxes.

- ☞ We nevertheless ask you, immediately after receipt of the Scooter best while the delivery agent is present – to check for any damages that might have occurred during transport.
- ☞ The packaging of the scooter should be stored for a further transport that might become necessary.

INTENDED PURPOSE

The Scooter serves to improve the independent mobility for people.

USE

The scooter is driven through the driving actuator that is integrated into the steering column.

The general capability of the driver to participate in traffic must be given.

Refrain from jerky starts with your scooter.
– Danger of tipping over or tilting!

Do not use the scooter without a mounted seat!

Avoid driving on inclinations or slopes with insufficient surface condition.

The Scooter serves solely for transporting **one** sitting person. – Other pulling or transporting uses do not comply with its intended purpose.

The scooter is applicable on level, firm surfaces and can be used as follows:

- outdoors (e.g. paved paths in parks).
- Never expose the scooter to extreme temperatures and damaging environmental conditions, such as sunlight, extreme cold or salty water.
- Sand and other dirt particles can seize on moving parts and render them without function.

National regulations might prevent the use on busses, trains or in aircraft.

- ☞ Inform yourself at the transportation companies concerning limitations.
- ☞ Before going on a flight clarify the specific transport conditions with your flight agency and also the legal regulations concerning transport in a plane in your country of residence as well as at your destination.

Only apply the scooter within the scope of the specifications and limitation described in chapter *Technical data* on page 35.

ADJUSTMENT

Always have adaptation and adjustment work carried out by a specialist dealer.

The scooter offers manifold adjustment possibilities to individual vital statistics. Before first use an adaptation of the Scooter and a practical instruction in the functionalities of your Scooter should be carried out by your specialist dealer. The adaptation will take into account the driving experience, the physical limits of the user and the main place of use of the scooter. Before first use, check the functionality of your Scooter.

Should your specialist dealer carry out a revision/reconditioning or make fundamental changes to your vehicle, without the use of original spare parts, this under certain conditions may result in a remarketing of your scooter. This will further entail that your specialist

dealer might need to conduct new conformity assessments and tests.

- ✎ We recommend a regular control if the scooter adjustment in order to ensure a long-term optimal provision even with changing illness/handicap patterns of the user. Especially for children and juveniles an adjustment every 6 months is recommendable.
- ✎ We recommend regular medical exams in order to ensure safety for active participation in traffic.

COMBINATION WITH MANUFACTURER FOREIGN PRODUCTS

Any combination of your Scooter with components not supplied by us generally results in an amendment to your Scooter. Please inquire with us if there is a valid combination clearance/release.

REINSTALLMENT

The scooter is suited for reinstallation. With the building block system the Scooter can be fit to accommodate different handicaps body sizes. Before reinstallation the scooter is to undergo a complete inspection.

- ✎ Hygienical measures required for reinstallation are to be carried out according to a validated hygienic plan and must include disinfection.

The service manual, intended for the specialist dealer provides information to the reinstallation and reinstallation frequency of your Scooter.

LIFE SPAN

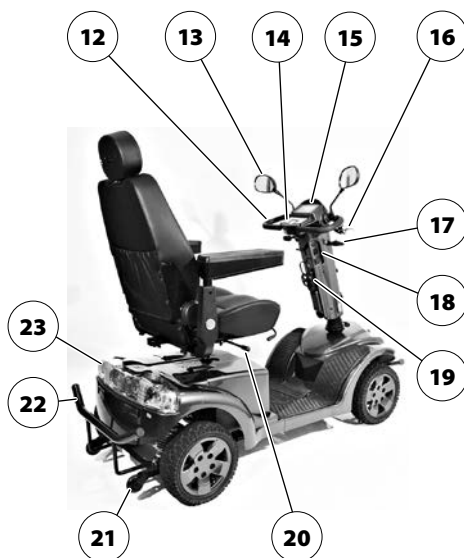
We expect an average life span of about 5 years for this Scooter, as far as the Scooter is applied for its designated purpose and all maintenance and service guidelines. The life span of your Scooter depends upon the frequency of use, the application environment and care. The implementation of spare parts can prolong the life span of the Scooter. As a rule spare parts are available up to 5 years after production is discontinued.

- ✎ The indicated lifespan does not constitute additional guarantee.

OVERVIEW

Model: 1.274

The overview shows the most important components and operating devices of the Scooter.



Pos. Description

- (1) Head support
- (2) Arm support
- (3) Steering column
- (4) Bracket for front basket
- (5) Seat with back support
- (6) Headlights
- (7) Ramming guard front
- (8) Steering wheel
- (9) Lever for seat angle adjustment
- (10) Lever for back support angle adjustment
- (11) Driving wheel
- (12) Steering column with driving actuator
- (13) Rear-view mirror
- (14) Control panel

- (15) LCD colour display
- (16) Hand brake lever
- (17) Indicator front right
- (18) Connector socket for charging plug and USB-plug
- (19) Cup holder
- (20) Lever for seat lock
- (21) Support castor
- (22) Ramming guard rear
- (23) Rear light

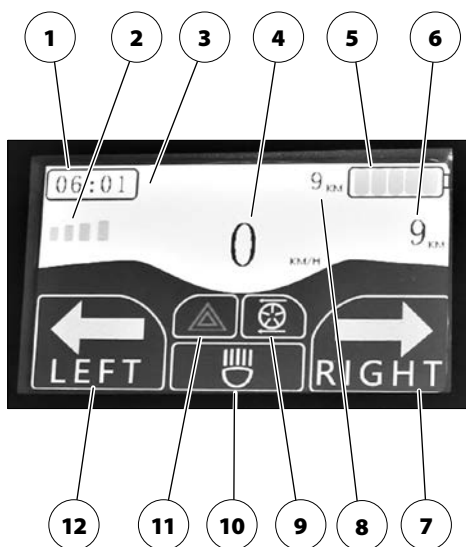
OVERVIEW

LCD colour display

The overview shows the display in the LCD colour display.

Pos. Description

- (1) Display of the time
- (2) Display of the preselected driving speed step (max. 6 steps)
- (3) Display of the bluetooth symbol with connected device
- (4) Display of the currently achieved driving speed
- (5) Control gauge of the battery charging condition
- (6) Display of the current day driven kilometers
 - The display switches after 999 km to 0 km.
- (7) Display right indicator
 - The display blinks green with activated turn signal.
- (8) Display of driven kilometres
 - The display switches after 99.999 km to 0 km.
- (9) Display push mode
 - The symbol lights up green when push mode is activated.
- (10) Display lighting
 - The symbol lights up green when the lighting is switched on.
- (11) Display hazard warning indicator
 - The symbol lights up red when the warning light is switched on. The display of the left/right turn signal blinks green when the warning lights are switched on.
- (12) Display left indicator
 - The display blinks green with activated turn signal.



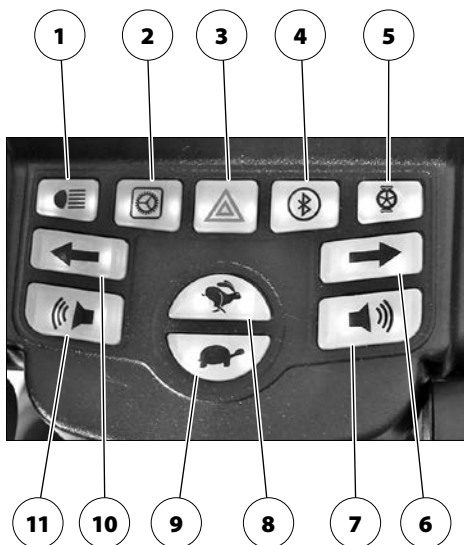
OVERVIEW

Control panel

The overview shows the operating setting of the control panel with lighted pressure keys.

Pos. Description

- (1) Lighting ON/OFF
 - Switches the scooter lighting on/off.
 - 📖 View chapter *Symbols of the LCD colour display* on page 12.
- (2) Settings
 - Opening and closing the display to set the clock.
- (3) Hazard warning indicator ON/OFF
 - Switches the warning lights on/off.
 - 📖 View chapter *Symbols of the LCD colour display* on page 12.
- (4) Bluetooth on/off
 - Switches the bluetooth device connection on/off.
 - 📖 View chapter *Symbols of the LCD colour display* on page 12.
- (5) Push mode on/off
 - With depressed key, switches the scooter to push mode.
- (6) Right indicator on/off
 - Switches the turn signal on/off.
 - 📖 View chapter *Symbols of the LCD colour display* on page 12.
- (7) Horn
 - When pressing this key a horn signal sounds.
- (8) Speed preselection plus
 - Rabbit (highest selectable max. final speed in step 6, about 100 %)
 - Every pressing of the key increases the speed by one step, about 20 %.
- (9) Speed preselection minus
 - Turtle (lowest selectable max. final speed in step 1, about 5 %).
- (10) Left indicator on/off
 - Switches the turn signal on/off.
 - 📖 View chapter *Symbols of the LCD colour display* on page 12.
- (11) Horn
 - When pressing this key a horn signal sounds.



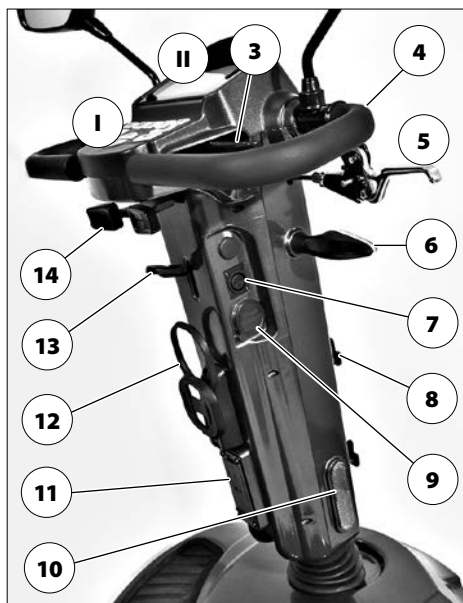
OVERVIEW

Steering column

The overview shows the operating setting and components of the steering column.

Pos. Description

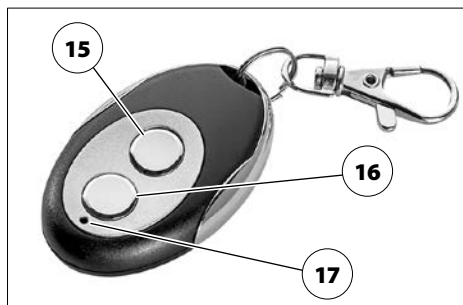
- (1) Control panel
- (2) LCD colour display
- (3) Driving actuator for finger operation
- (4) Handle bar
- (5) Hand brake lever
- (6) Right indicator
- (7) Battery charging socket
- (8) Bracket for utensil basket
- (9) USB-charging socket
 - The USB-charging socket is protected by a cover cap that can be swivelled to the side.
- (10) Passive lighting
- (11) Socket strip with flat fuses
- (12) Cup holder
- (13) Locking lever of the steering column
- (14) Driving actuator for thumb operation



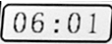









Radio key

Pos. Description

- (15) Key OFF
 - Switches the scooter off.
- (16) Key ON
 - Switches the scooter on.
- (17) LED-display of the radio connection
 - The LED lights up blue with active radio connection.



SYMBOLS OF THE LCD COLOUR DISPLAY

	Time	<p>Display of the current time.</p> <p>☞ Depending on the set time in the adjustment screen.</p>
	Bluetooth	Blue display with active bluetooth connection.
	Final speed	<p>Display of the preselected final speed.</p> <p>☞ With reducing speed, correspondingly less of the lighting segments are lit in the 6-step display.</p>
	☞ View chapter <i>Preselected final speed</i> on page 19.	
	Speed	Display of the currently achieved driving speed.
	Lighting	☞ The symbol lights up green when the lighting is switched on.
	Total kilometers	<p>☞ The display to the left of the battery symbol shows the driven total kilometers.</p> <p>☞ The display below the battery symbol shows the driven kilometers of the current day.</p>
	Battery charging condition	<p>Display of the battery charging condition.</p> <p>☞ The reducing battery charging condition, less segments are lit.</p>
	☞ View chapter <i>Battery charging condition</i> on page 20.	
	Hazard warning signal	The symbol blinks red when the warning light is switched on.
	☞ The symbol blinks in the same tact with the indicator.	
	Left indicator	The display blinks green with activated turn signal.
	☞ The turn signal automatically switches off after 15 blinking signals. A quick blinking of the LED indicates a defective indicator light.	
	Right indicator	The display blinks green with activated turn signal.
	☞ The turn signal automatically switches off after 15 blinking signals. A quick blinking of the LED indicates a defective indicator light.	

SYMBOLS OF THE LCD COLOUR DISPLAY



Push mode

The symbol lights up green when push mode is switched on.

View chapter *Selecting the push mode* on page 17.




















Setting Time










Displays the screen for setting the current time.

View key setting in chapter *Keys and symbol of the operating panel* on page 14.

KEYS AND SYMBOL OF THE OPERATING PANEL

	Plus key (rabbit)	Increases the 6-step final speed by one step on each pressure.
	 For safety reasons we recommend to only press the < <i>Plus-key</i> > when the wheelchair is standing still.	
	Minus key (turtle)	Decreases the 6-step final speed by one step on each pressure.
	 For safety reasons we recommend to only press the < <i>Minus-key</i> > when the wheelchair is standing still.	
	Horn	When pressing this key a horn signal sounds.
	Lighting	Switches the lighting on or off when pressing the key.
	 Display when lighting is switched on.	
	Bluetooth	Switches the bluetooth device connection on or off when pressing the key.
	 Display with active bluetooth connection.	
	Hazard warning signal	Switches the hazard warning signal on or off when pressing the key.
	 The display blinks in the same tact with the indicator.	
	Left indicator	Switches the indicator lights on or off when pressing the key.
	 The turn signal automatically switches off after 15 blinking signals. A quick blinking of the LED indicates a defective indicator light.	
	Right indicator	Switches the indicator lights on or off when pressing the key.
	 The turn signal automatically switches off after 15 blinking signals. A quick blinking of the LED indicates a defective indicator light.	
	Push mode	Switches the scooter into push mode for the duration of keeping the key pressed.
	 Display while push mode is switched on.	

KEYS AND SYMBOL OF THE OPERATING PANEL

	Settings	Opens the screen "Time".
		The hours and minutes are set by pressing the turn signal and horn key left/right.
		With each pressing of the key the hour display increases.
		With each pressing of the key the hour display decreases.
		With each pressing of the key the minute display increases.
		With each pressing of the key the minute display decreases.
		Through the rabbit and turtle key the setting is selected or cancelled.
		Selects (saves) the time setting upon key activation. 👁 The drive mode screen is displayed again.
		Selects (saves) the time setting upon key activation. 👁 The drive mode screen is displayed again.

HANDLING OF THE SCOOTER **Parking brake**

Short term parking of the scooter

The scooter is to be secured as follows to prevent it from rolling off unintentionally:

1. Switch the scooter off with the radio key.

Functional checks

The functions and safety of the scooter must be checked before the start of each journey.

Carry out a short braking and steering test at a very low speed immediately after the start of motion.

- Do not switch off the Scooter whilst it is in motion. The scooter will then switch off and stop immediately.

Driving

You determine the speed and driving direction yourself when driving through the movement of the actuator and the maximum top speed setting of your Scooter.

- The driving behaviour can change by adding or removing accessories/components.

BRAKES

Brake the scooter down carefully and in time. This is especially the case when driving in front of people and while driving downhill!

Service brake

The motor works electrically as a driving brake and decelerates the Scooter softly and jerk-free to a standstill.

Braking down the scooter

For allotted braking of the Scooter slowly guide the actuator back to the centre position (zero-setting).

- The scooter stops in shortest distance after releasing the actuator.

The parking brake releases automatically during start-off.

The parking brake is released by hand, through pressing the push mode key.

Releasing the parking brake in case of emergency

If the scooter can no longer be switched on, the parking brake can be released by folding over the hand lever of the magnetic brake.

- A braking of the scooter is now only possible with the handbrake.

Hand brake

For optimal braking effect the disc brake is to be kept free of grease, oil, gunge and dust.
– Danger of accidents!

The brake performance reduces with the wear on the brake pads.

Any decrease in braking performance must be repaired immediately by your specialist workshop.

The handbrake is fit with a disc brake on each rear wheel.

Locking the hand brake

1. Pull the brake lever (1 on page 43).
 2. Press the locking button (2 on page 43) down.
- It should not be possible to push the Scooter forward when the handbrakes are engaged.

Releasing the hand brakes

Slightly pull the brake lever (1 on page 43).
– The locking button (2 on page 43) jumps out of the catch.

Release the brake lever. – The handbrake is disengaged and the scooter ready for operation.

Loosening the parking brake


A loosening of the parking brake is only intended through the specialist dealer!

Loosening the parking brake is only to be conducted in emergency situations and after consulting the specialist dealer. – Danger of accidents!


Only loosen the parking brake when the handbrake is activated!

The handbrake is fit with a disc brake on each rear wheel.

Loosening the parking brake



1. Tighten the handbrake and lock it.
 2. Slide the brake lever (3 on page 43) of the parking brake down [4 on page 43].
-  The parking brake is loosened and the scooter may not let itself be moves against the locked handbrake.

Tightening the parking brake

1. Slide the brake lever (3 on page 43) of the parking brake up [5 on page 43].
 2. Release the handbrake.
-  It should not be possible to push the Scooter forward when the parking brakes are engaged.




Drive-/push mode

Only switch the scooter to push mode or push it when it is standing still for positioning or in case of emergencies, but not on slopes/hills.

-  The parking brake is switched off when push mode is activated.
-  Grab onto the steering lever to shunt the scooter.



Selecting the push mode

To establish push mode, press the pressure key (1) for push mode.

-  Push mode is activated as long as the pressure key (6 on page 43) is being pressed.
-  The symbol (7 on page 43)lights up in green for the duration of the activated push mode.
-  The scooter can now be pushed.

Selecting the motor mode

To establish drive mode, release the pressure key for push mode (6 on page 43).

-  The symbol (7 on page 43) goes dark.
-  The scooter is now ready for use.

RADIO KEY

The LED (8 on page 43) is lit in blue as long as the scooter is being used.

Protect the radio key from getting damp or wet.

The scooter is supplied with two radio keys [11 on page 43].

Switching on the Scooter

To switch the scooter on press the pressure button (9 on page 43) of the radio key.

- 🔊 The scooter receives the radio signal to switch on.
- 🔊 The scooter is on, when the colour display (12 on page 43) is shown.
 - 🔊 The electronic system now performs a system test.

When the battery gauge (13 on page 43) shows a permanent light, the scooter is ready for operation.

Switching the scooter off

To switch the scooter off press the pressure button (10 on page 43) of the radio key.

- 🔊 The scooter receives the radio signal to switch off.
- 🔊 The scooter is off, when the colour display (12 on page 43) goes out.

Locking the Scooter

To secure the scooter against unauthorised or unwanted use, first switch the scooter off with the radio key [11 on page 43]. Afterwards switch the main fuse (14 on page 44) off with the circuit breaker.

- 🔊 The scooter is separated from the power source.
- 🔊 Therefore observe chapter *Fuses* on page 28.

STEERING COLUMN

Battery charging socket

Do not insert any objects other than the battery charging plug into the battery charging socket. – Danger of short circuit!

To charge the batteries, first switch the scooter off with the radio key and then insert the plug of the battery charger into the charging socket (15 on page 44) on the steering column.

USB-charging socket

Do not insert other objects than a USB-plug into the USB-charging socket. – Danger of short circuit!

To charge a device with USB-charging cable, first swivel the cover cap (16 on page 44) back counterclockwise (17 on page 44).

After charging swivel the cover cap (17 on page 44) forward clockwise (16 on page 44).

Battery voltage


After switching the scooter on with the radio key [11 on page 43] the battery gauge (13 on page 43) shows the battery voltage after the system test.



With reducing battery voltage, less light segments are shown.

Battery gauge

The battery gauge (13 on page 43) displays the existing battery voltage as follows:

The colours mean:

Green	Batteries charged
	 The charging condition corresponds to a display of 0 – 100%.
Yellow	Recharging recommended.
Red	Recharge batteries immediately.

-  An accurate battery indication is only given during travel on a level surface.
-  Uphill/downhill travel falsifies the indication.

Evaluation

The exactness of the battery gauge depends for example on the temperature, age and strain on the battery is therefore subject to certain restrictions.

The kilometric performance (range) of the scooter should be tested at least once.

Preselected final speed

Danger of accident due to unsuitable setting of the preselected speed!
Drive especially carefully during the first journeys!

The speed is determined through the motion of the actuator (18 on page 44) as well as the preselected final speed (19 on page 44) through the pressure keys rabbit (20 on page 44) and turtle (21 on page 44).



Preselecting the maximum speed

When switching on the Scooter the set speed is preselected (19 on page 44).

The final speed is set through the pressure keys (20 on page 44)+(21 on page 44) (also while driving).

Each press of the key increases or decreases the selectable maximum final speed accordingly from slow (turtle symbol) to fast (rabbit symbol).

Select a low maximum speed for driving situations in which you do not feel confident/safe (e.g. driving in confined spaces, or similar).

-  The final speed is to be preselected in dependence on the personal impression of the respective driving situation!
-  When driving on ramps, hills or slopes the speed is to be adjusted to the inclination appropriately. Never exceed the permitted max speed. – Danger of accidents!

Accelerator lever

Only move the actuator when the battery gauge (13 on page 43) displays a permanent light.

The driving speed is determined through motion of the actuator (22 on page 44)/(23 on page 44) while driving.


As soon as the actuator is moved the Scooter, depending on the adjustment maximum final speed, starts driving fast or slow.

Forward driving speed

Move the right side of the driving actuator lever (22 on page 44) slowly in the direction of the arrow until you reach the desired driving speed.

Backwards driving speed

Move the left side of the driving actuator lever (23 on page 44) slowly in the direction of the arrow.

-  The final speed is reduced automatically during rearward travel.

Left/right turns

In order to drive curves, move the steering column to the right or left with the handles, depending on the desired curve radius.

Braking down the scooter

The scooter stops when you let go of the driving actuator.

For allotted braking slowly guide the driving actuator back to the centre position (zero-setting).

SELECTING THE OPERATION

The functions and safety of the scooter must be checked before the start of each journey.

Only get into, resp. out of the seat when the scooter has been previously switched off with the radio key.

- ☞ An unintentional motion of the driving actuator could otherwise let the Scooter start uncontrolled.

In order to obtain operational readiness of the scooter the following directions are to be carried out in the indicated order.

- ☞ Before first use charge the drive batteries through the battery charging socket (15 on page 44) on the steering column.
 - Therefore observe chapter *Battery charging socket* on page 18.

1. Selecting the motor mode.

- ☞ Observe chapter *Selecting the motor mode* on page 17.

2. Check the position of the steering column.

- ☞ To position the steering column, press the adjustment lever (24 on page 44) downward.
 - In doing so, keep hold of the handle bars with one hand, in order to prevent unintentional snapping forward.

- ☞ The steering column is to be positioned so that the scooter can be steered comfortably and safely.

3. Switch on the Scooter.

- ☞ To switch the scooter on press the pressure button (9 on page 43) of the radio key.
- ☞ When the battery gauge in the colour display shows a permanent light, the scooter is ready for operation.
- ☞ If the scooter is not used for more than 10 minutes, the LCD display switches off.
 - For further use the scooter must be switched on again.

PRE-OPERATION CHECKS

Before starting to drive, the following should be checked:

4. The battery charging condition (13 on page 43).
5. The preselected setting of the preselectable final speed (19 on page 44).
 - ☞ Therefore observe chapter *Preselected final speed* on page 19.

Battery charging condition

After activation the battery gauge (13 on page 43) shows the battery charging condition. With reducing battery capacity the number of lit segments reduces.

- ☞ The displayed value depends on the surrounding temperature, the age of the battery as well as their type of strain and is therefore to be observed with limitations.
- ☞ If the red light segment of the battery gauge is blinking, the batteries should be charged immediately.
- ☞ View chapter *Battery voltage* on page 18 and chapter *Fault correction* on page 29.

Recharging batteries

Solely use a charger that corresponds to the type of battery!

The batteries should be charged right after the daily use of the scooter so that the complete driving performance is available the next day.

Every battery is subject to a regular "self-discharge". The batteries should be recharged once a month when the scooter is not used for a long period of time. The scooter will then always stay ready for use.

- ⚠️ Charge preferably during the night. A complete charge of the batteries requires up to 7 hours.

Batteries should only be charged with a battery charger that is suitable for the type and rating of this battery. The guarantee is only preserved to its full extent when the supplied and recommended battery charger is used.

- ⚠️ Avoid spark build up through electrical static (for example caused by synthetic floor covers).
- ⚠️ Observe the operating manual of the charger.

Battery charging procedure

Do not insert any objects other than the battery charger plug into the battery charging socket. – Danger of short circuit!

- ⚠️ For the battery charging procedure also observe the operating manual of the battery charger.

1. Switch the scooter off.
 - ⚠️ Therefore observe chapter *Switching the scooter off* on page 18.
2. Insert the plug of the charger into the battery charging socket on the steering column (15 on page 44).
3. Switch the battery charger on, resp. insert the main plug of the battery charger into

the corresponding power socket. – The battery charging procedure is initiated.

- ⚠️ The charging procedure will only proceed with an intact battery fuse (25 on page 45) as well as activated main use (14 on page 44).
 - ⚠️ Therefore observe chapter *Fuses* on page 28.
4. After a completed charging procedure disconnect the battery charger from the socket and remove the battery charging plug from the battery charging socket.

SEAT

The seat [26 on page 45] with padded arm supports is removable as well as height adjustable.

Turning the seat

The seat can be turned for an easier transfer to or from the seat [27 on page 45].

After activating the release lever (29 on page 45) the seat can be turned.

- ⚠️ After each 45° step the seat locking device engages automatically.

Removing the seat

Grab sideways under the seat surface in order to lift the seat.

Do not use the arm supports to lift or carry the scooter.

After activating the release lever (29 on page 45) the seat can be turned [28 on page 45].

Attaching the seat

Grab sideways under the seat surface in order to lift the seat.

After activating the locking lever (30 on page 45) the seat can be inserted into the seat tube.

After inserting the seat align it into driving direction and let the locking lever lock into place.

🔧 Check the locking device of the seat.

Adjustment of the seat height

Have the adjustment of the seat height conducted by an authorised specialist workshop.

Adjusting the distance seat to tiller

Applying the release lever (31 on page 45) slide the seat forward or backwards.

🔧 After adjusting the distance of the seat let the locking lever snap into place again.

🔧 Check the locking device of the seat.

Back support

The back support can be swivelled backward in several steps [32 on page 45] or lowered forward onto the seat surface [33 on page 45].

🔧 To adjust the back support, pull the lever for back support adjustment (34 on page 46) upward.

After the adjustment let the back support lock into place.

For raising, swivel the back support up [26 on page 45].

Arm supports

Swivel up the arm supports

The arm supports can be swivelled up for an easier transfer to/from the seat [35 on page 46].

Adjusting the arm support angle

The can of the arm support is continuously adjustable by adjusting the stopper screw (36 on page 46).

Remove the arm support

To remove the arm support [37 on page 46] screw back the locking screw (38 on page 46) rather far.

🔧 When the locking device is released, the arm support can be removed toward the outside [37 on page 46].

Insert and position the arm support

For inserting and positioning, insert the arm support into the desired position.

The tighten the locking screw (38 on page 46).

HEAD SUPPORT

Adjusting the headrest height

After activating the locking spring (39 on page 46) the height of the head support can be adjusted.

🔧 After adjusting the height of the head support release the locking spring (39 on page 46) and let the head support engage into the next possible position by sliding it up or down.

🔧 Check the locking device.

CUP HOLDER

The cup holder [40 on page 46] can be folded inwards and up when not in use and for more freedom of space for the legs [41 on page 46].

1. For use, fold the cup holder forward and down [40 on page 46].
2. After use, fold the cup holder inward and up [41 on page 46].

FRONT BASKET

With increasing weight inside the basket, the strength needed to steer increases.

Do not place valuable items such as wallets openly inside the basket. – Unwanted loss of valuable items.

The front basket [42 on page 47] can be lifted off upwards.

To replace the basket it is placed from the front onto the holder (43 on page 47) [42 on page 47].

SEAT BASKET (OPTION)

With increasing weight inside the basket, the risk of tilting backwards increases.

Do not place valuable items such as wallets openly inside the basket. – Unwanted loss of valuable items.

The basket [43 on page 47] can be lifted off towards the top.

For attachment place the basket onto the two brackets.

The maximum load of the basket is 5 kg.

WALKING AID HOLDER

The walking aids are placed behind the seat into a walking aid cup while driving and secured with a soft velcro strap that is guided around the head support rod.

SUPPORT CASTORS

The support castors (45 on page 47) increase the stability against tipping over to the rear when crossing an obstacle or driving on a rising gradient.

⚠ Support castors do not provide sufficient protection against tipping over in certain situations.

BATTERIES

Stillstand for more than four weeks

In case of a stillstand of the scooter *of more than four weeks*, corresponding maintenance jobs need to be carried out.

1. To charge the batteries switch the circuit breaker (14 on page 44) of the mains fuse on.
2. Connect the charger every six weeks and charge the batteries.

RETAINING STRAP

Make sure that no objects are trapped between belt and the body!

The retaining strap [46 on page 47] is screwed from the bottom onto the seat. The retaining strap serves to stabilise the sitting position and prevents falling forward out of the seat.

To fasten the retaining strap, pull both ends forward and audibly let the buckle click into place. To open the retaining strap, press down the release button and pull the two ends of the strap apart.

⚠ The retaining straps can be adjusted in length and should not be pulled too tight.

LOADING AND TRANSPORTATION

Do not use the back support, arm supports, seat or revetments to lift the scooter!

The Scooter must be switched off before lifting!

The parts detached for loading must be carefully stowed and carefully attached again before the next journey.

No special carrying points are allocated for carrying detachable components.

The following procedures may be necessary due to lack of space for the transport in vehicles:

- ☞ Therefore view chapter *Reducing the size of the scooter* on page 24.

Loading

The weight of the Scooter is reduced when you remove detachable components.

The Scooter can be loaded with the aid of ramps or lifting platforms.

Ramps and lifting platforms

Observe the operating manual for the ramp or lifting platform.

Observe the manufacturer's information for the ramp or lifting platform.

The maximum bearing height specified for the ramp must be greater than the height (*h* on page 47<?>) from the ground to the loading surface, e.g. of the car.

The load capacity of the ramp or lifting platform must be higher than the overall permitted weight of the Scooter.

There is a danger of tilting when driving backwards on ramps!

Transport of people inside a motor vehicle

Your individual Scooter is not suited as a seat for transport inside a motor vehicle.

- ☞ Therefore view chapter *Meaning of the symbols on the type plate* on page 39.
- ☞ Scooter that are not suited for use as a seat for transport in a motor vehicle are marked with an additional label. – For this observe chapter *Meaning of the labels on the scooter* on page 38.
- ☞ Observe the guideline < *Safety with Meyra-wheelchairs, also during transport in motor vehicles* >! – This document and further information can be accessed on our website < www.meyra.com > in the < *Download Archive* >.

Reducing the size of the scooter

For storage or the transport, e.g. in a car, the size of the scooter can be reduced as follows [47 on page 47].

Version 1:

1. Secure the Scooter.
 - ☞ For this observe chapter *Locking the Scooter* on page 18.
2. Fold down the back support onto the seat [47 on page 47].
 - ☞ For this observe chapter *Back support* on page 22.
3. Turn the seat towards the back [47 on page 47].
4. Remove the front basket if needed.
5. Fold down the steering column [47 on page 47].
 - ☞ Press the adjustment lever (24 on page 44) downwards to adjust the steering column.

1. Secure the Scooter.
 - 🔧 For this observe chapter *Locking the Scooter* on page 18.
2. Remove the seat [48 on page 47].
 - 🔧 For this observe chapter *Removing the seat* on page 21.
3. Remove the front basket if needed.
4. Fold down the steering column [48 on page 47].
 - 🔧 Press the adjustment lever (24 on page 44) downwards to adjust the steering column.

The parts detached for the transport must be carefully stowed and carefully attached again before the next journey!

Transport security

All regulations and directions of the respective transport company are to be observed.
– Ask for these before the transport.

The Scooter is only to be secured through the securing points [49 on page 48] and [50 on page 48].

- 🔧 For this also observe chapter *Meaning of the labels on the scooter* on page 38.
- 🔧 The procedure for securing the Scooter can be read in the document < *Safety and general handling instructions electric vehicles* > chapter < *Transport in motor vehicles or with conveyors* >. – This document and further information are available in the < *Information center* > on our website < www.meyra.com >.

MAINTENANCE

An incorrect or neglected cleaning and maintenance results in a limitation of the scooter liability.

Maintenance

The following maintenance Instruction gives you a guide for carrying out the maintenance work.

- 🔧 The maintenance plan does not give information about the actual extent of work determined on the scooter.

Maintenance schedule		
WHEN	WHAT	REMARK
Before starting out	General Test for faultless operation.	Carry out test yourself or with a helper.
	Checking the magnetic brake Switch the scooter on with the radio key.	Carry out test yourself or with a helper. If the scooter can be pushed, have the brakes repaired immediately by the specialist workshop. – Danger of accidents!
Especially before driving in the dark	Lighting Check the lighting equipment and reflectors for flawless functioning.	Carry out test yourself or with a helper.
Every 2 weeks (depending on distance covered)	Check air pressure of the tyres Tyre filling pressure:  View <i>Technical data</i> on page 35.	Carry out test yourself or with a helper. Use a tyre gauge.
	Adjustment screws Screws and nuts are to be checked for tight fit.	Carry out test yourself or with a helper. Retighten the loosened adjustment screws. Contact specialist workshop upon demand.
Every 6-8 weeks (depending on distance covered)	Wheel attachments Wheel nuts or screws are to be checked for tight fit.	Do it yourself or with the aid of a helper. Securely tighten any loosened wheel nuts or screws and retighten again after 10 operating hours or resp. 50 km. Contact specialist workshop upon demand.

Maintenance schedule		
WHEN	WHAT	REMARK
Every 2 months (depending on distance covered)	Check the wheels	Carry out a visual check yourself or with a helper. If the tyre profile is worn down or if the wheel is damaged, consult a specialist workshop for repairs.
Every 6 months (depending on frequency of use)	Check <ul style="list-style-type: none"> – Cleanness. – General condition. 	View chapter <i>Cleaning</i> on page 33. Do it yourself or with the aid of a helper.
Manufacturer recommendation: Every 12 months (depending on frequency of use)	Maintenance jobs <ul style="list-style-type: none"> – Scooter. – Battery charger. 	To be carried out by the specialist dealer.

Wheels

Damaged wheels are to be replaced immediately through new wheels by a specialist dealer.

Tyres are made of a rubber mixture and can leave permanent or difficult-to-remove marks on some surfaces (e.g. plastic, wooden or parquet flooring, carpets, mats). We cannot accept liability for damages on surfaces caused by wear or chemical processes of the tyres.

🔧 Always replace wheels in pairs.

Two differently worn wheels will impair the straight running course of the scooter.

Fuses

Only replace the safety fuse with a safety fuse of the same type!

The mains fuse (14 on page 44) and battery fuse (25 on page 45) are to be replaced by a specialist workshop.

Replacing the fuses

Before replacing fuses, park the scooter on a level surface and secure it from rolling away.

🔧 Therefore observe chapter *Locking the Scooter* on page 18.

New fuses can be obtained for example at petrol stations.

🔧 If the safety fuse blows again or other functional errors have the fault repaired by a specialist dealer.

🔧 Observe chapter *Technical data* on page 35!

The mains fuse is located in front of the seat tube and can be switched on or off through the circuit breaker (14 on page 44).

The battery fuse is inserted in the fuse rack (25 on page 45) beneath the battery cover.

Fuse box

Have the cause of damage of a functional error repaired by a specialist dealer!

Further flat fuses to secure the control system and other power consumers are located in the fuse box [51 on page 48] of the steering column.

Lighting

The lighting [52 on page 48]+[53 on page 48] is equipped with longlife LED-technology.

🔧 If a turn-signal bulb is defective, the remaining one blinks at double frequency.

🔧 Immediately have a defective LED-lamp repaired by a specialist workshop.

Headlights

The headlights (54 on page 48) must be set, so that the light cone is visible on the road. The lower edge of the light cone should be set at distance of 3 meters to the front of the Scooter.

🔧 If needed go to a specialist workshop for adjustment.

Fault correction		
Fault	Cause	Remedy
Battery LCD colour display does not light up after the switch-on.	Circuit breaker of the mains fuse is switched off or defective.	Switch the circuit breaker on. If necessary have it repaired by the specialist workshop.
	Battery fuse defective.	Have the battery fuse replaced in a specialist workshop.
	LCD colour display or radio key defective.	Have it repaired by the specialist workshop.
	Plug connection of the power supply without contact.	Check the plug connections.
	Batteries deep discharged.	Have it repaired by the specialist workshop.
The battery gauge blinks after the switch-on.	The actuator was moved too early.	Switch the scooter off and on again if this happens.
	Plug connection at one of the drives without contact.	Check the plug connections.
	Malfunction in the electronics.	Have it repaired by the specialist workshop.
	Not listed faults.	Have it repaired by the specialist workshop.

BASIC SAFETY INFORMATION

This safety information is an extract of the *Safety and general handling instructions*, that can be found on our website: < www.meyra.com >.

Do not insert fingers into open frame tubes (for example after removing the seat). – Danger of injury!

A stable sitting position is to kept while using the Scooter, even when not in motion and especially on hills and slopes. – Danger of accidents!

In a safe sitting position the back of the user lies directly on the back support upholstery and the hip of the user is at the back end of the seat.

Transit out of the Scooter on hills/slopes may only be carried out in emergencies and with the aid of an accompanying person and/or helper! – Danger of accidents!

Increased danger of tipping over when using the angle adjustable back support.

You should not smoke while using the Scooter.

Exposure to direct sunlight can cause seat covers/upholstery, arm support pads, leg supports and handles to heat up to over 41 °C. – Contact with exposed skin can result in injury! Prevent such heating by parking the Scooter in a shaded area.

Special attachment points for fastening carry-along objects are the front basket, the optional seat basket and the optional walking aid holder.

Only transfer into or out of the seat when the scooter is switched off and the selection lever drive-/push mode is in drive mode!

An unintentional motion of the driving actuator could otherwise let the Scooter start uncontrolled! – Danger of accidents!

Always make sure whether possible escape routes are big enough for your scooter.

Transfer out of the Scooter

Drive with the Scooter as closely as possible to the spot where you want to switch out of the Scooter.

- ☞ For this observe chapter *Seat* on page 21.
- ☞ We recommend to conduct the transfer from the Scooter together with an aid.

Reaching for objects

Avoid an extreme forward or backward inclination of the upper body when picking up or placing heavy objects. – Danger of overturning or tilting of the Scooter.

Driving on falling, rising or transverse gradients

For safety reasons, the maximum permitted gradient is limited because the tip-over stability and the braking and steering behaviour are impaired by a reduced floor/road.

- ☞ Observe chapter *Technical data* on page 35.

Never lean towards the downhill direction when driving on rising, falling or transverse gradients.

Avoid jerky changes of the driving condition (especially with critically adjusted driving parameters as for example high delay values).

Always drive with a low speed on rising/falling gradients.

Extreme inclinations or slopes are to be driven on with adequate final speed.

Never switch to push mode on gradients. The automatic brakes are inoperative in the push mode.

Do not push the Scooter on gradients.

While driving in curves and when turning on inclinations and slopes there is a danger of tilting.

Avoid driving on inclinations or slopes with insufficient surface condition. Even with only one-sided existence of ice, water, moss or similar on the ground, there is a danger that the Scooter will lose traction and begin to slide out of control. If necessary immediately bring the actuator back into the zero-position.

Never drive faster than walking speed.

The braking force transferred to the driving surface is much less on a downward slope than on a level driving surface and is further reduced by poor road conditions (e.g. rain, snow, grit, dirt). A dangerous slipping of the wheels due to excessive braking and an associated unwanted course deviation must be avoided by way of a careful dosed braking.

Transverse surfaces to the driving direction (e.g. transversely sloped pavements) effect a turning of your Scooter in the downhill direction. This drifting off has to be levelled by counter steering.

Crossing obstacles

The obstacle crossing capability depends, upon others, on the driving surface gradients and the selected electronic parameters.

Each crossing of obstacles involves a risk!
– Danger of tilting of the Scooter.

The crossing of obstacles is a special danger situation in which a combination of the safety advice in the sections headed uphill driving, downhill driving and driving transverse to a slope must be observed in addition to other safety advice.

Keep well clear of obstacles like ruts, rails and gully covers or similar sources of danger.

Always drive slowly and at a right (90°) angle towards small obstacles, e.g. curbs/edges. Cross the obstacle forwards with about 0.5 m approach and simultaneously with both front-resp. rear wheels. Otherwise your Scooter could tilt diagonally and you could fall out of the Scooter.

The support castors can touch the ground while driving down, e.g. in front of the edge of an obstacle which can cause the drive wheels to lift off the ground. – The Scooter is no longer *manoeuvrable*!

Always maintain a safety distance between the wheelchair and drops, stairs and similar obstacles sufficient for reaction, braking and turning.

If possible, let one or more helpers lift you out of the Scooter and carry you to the destination point.

You can easily fall out of the Scooter when driving down a step (e.g. pavement curb) if the footplates or leg supports land on the driving surface. The crossing of rails or ruts requires increased attention. – Unwanted course deviation!

The safe driving on stairs is impossible with scooters.

Electrical system

An incorrect and/or inappropriate modification of the driving behaviour can impair the safety of the Scooter and the Scooter user.

– Danger of accidents!

The electronic control system of the Scooter must not be modified.

Should the scooter react unfamiliarly or conduct uncontrollable driving manoeuvres, immediately bring the actuator into the zero-position and/or switch the scooter off immediately.

Statutory regulations

Please comply with the legal requirements of the country in which the wheelchair is used.

☞ Inform yourself at your specialist dealer or the road traffic authorities about the legal regulations concerning the operation of your Scooter.

Transport in public methods of transportation

Your scooter, due to the scooter dimensions, is not suited for people transportation inside trains.

Your Scooter is not designed for user transport in public transportation vehicles. Limitations may occur. We recommend use of one of the firmly built in seats of the public vehicle.

Should it nevertheless become necessary to carry out the transport while sitting in the Scooter, the following needs to be observed:

- Use the space designated by the public transportation services for parking.
- Observe the regulations of the transport company before parking the Scooter.
- Park your Scooter opposite to the driving direction in the reserved space.
- The Scooter is to be placed so that the back support it will be supported by the border of the parking space.
- One side of the Scooter must also lie against the border of the parking space, so

that the Scooter cannot slide away in case of an accident or sudden braking manoeuvre.

- Additionally activate the handbrake.

Driving on public highways

Observe the valid regulations for public traffic of your country and if necessary ask your specialist dealer for required accessories.

Your Scooter has been equipped with lighting equipment. The lighting equipment consists of:

- Headlights
- Rear reflectors.

We recommend to switch on the lighting system in poor visibility conditions and especially during darkness in order to see better and be better seen by others.

☞ When participating in public traffic the user is responsible for the functional- and operationally safe condition of the Scooter.

☞ The valid traffic regulations must be observed and abided when participating in public traffic.

☞ Wear light-coloured and conspicuous clothing when driving in darkness.

☞ When driving in the dark avoid using the road or bicycle lanes.

☞ Observe that the lighting equipment is not covered by clothes or any other objects attached to the Scooter.

☞ In case of physical limitation, such as blindness, a driving ability certifications for independent driving of the Scooter is required.

CLEANING

The plastic panelling is attacked through non-ionic tensides as well as solvents and especially alcohol.

Do not clean the scooter with a high-pressure cleaner! – Danger of short circuit!

The cushions and covers are normally fit with care instructions (instruction for care).

- ☞ For this observe chapter *Meaning of the symbols on the washing instruction* on page 38.

In all other cases the following information is true:

- ☞ Clean the upholstery with warm water and hand washing liquid.
- ☞ Remove spots with a sponge or a soft brush.
- ☞ Wash off persistent dirt with commercial fine detergent.
- ☞ Do not soak! Do not machine wash!

Follow-up with clean water and allow to dry.

The chassis and wheels can be cleaned damp with a mild detergent. Afterwards dry off well.

- ☞ Check the chassis for corrosion damages as well as other damages.
- ☞ Only clean the plastic parts with warm water and neutral detergent or soft soap.
- ☞ When using commercial plastic cleansers the manufacturers application instructions are to be observed.

Keep the lighting components clean at all times and check for correct functioning before each journey.

- ☞ Keep water and moisture away from electrical components and cabling!
 - Danger of damage to the electric and the operating keyboard through water jets.

Silicone free water based cleaning agents and care products should be used for the care of the vehicle.

- ☞ In doing so the manufacturers instructions are to be observed.

Do not use aggressive cleaning agents e.g. solvents, or hard brushes etc.

Further information to cleaning can be found in the < *Information center* > on our website: < www.meyra.com >.

Finish

The high quality finish ensures an optimum of protection against corrosion.

- ☞ Should the coating be damaged with scratches or similar, these areas can be touched up with our paint pen available at the specialist dealer.

Slight lubrication of moving parts will ensure for their long functioning.

Disinfection

If the product is used by more than one person (for example in a care centre), the use of a commercial disinfectant is mandatory.

- ☞ Before disinfection the upholstery and handles are to be cleaned.
- ☞ A spray- or wiping disinfection is permitted with tested and accredited disinfectants.

You can get information on tested and permitted disinfectants and procedures at your national facility for health protection.

- ☞ During the use of disinfectants it can happen that surfaces might be affected in such a fashion that the long term functionality of parts can be limited.
- ☞ In doing so the manufacturers instructions are to be observed.

REPAIRS

Repairs are generally to be carried out by a specialist dealer.

Repairs

Trustingly contact your specialist dealer for maintenance work. He has been introduced to the maintenance.

Customer Service

In case you have any questions or need help please contact your specialist dealer who can assume counselling, customer service and repairs.

Spare parts

Safety relevant parts or assembly groups are only to be assembled in a specialist workshop. – Danger of accidents!

Spare parts can only be ordered from specialist dealers. In case of repair work, only original spare parts are to be used!

- ☞ Spare parts from other manufacturers can cause malfunctions.

The spare parts list with the respective part numbers and drawings is available at the specialist dealer.

In order to ensure the correct delivery of a spare part, always quote the corresponding serial number (SN) of the Scooter! You will find this on the type plate.

Whenever a Scooter change/modification is carried out by the specialist dealer, the supplementary information, e.g. assembly/operating instructions must be attached to the operating manual for the Scooter, the date of the modification must be recorded and stated when ordering spare parts.

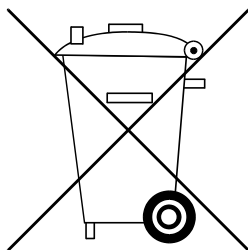
This should prevent wrong order details on future spare parts orders.

INFORMATION FOR EXTENDED PAUSES OF USE

In case of longer periods without use, the following measures are required:

- ☞ Charge the batteries at least once a month for a period of more than 16 hours.
- ☞ The storage temperature is to be observed.
 - ☞ For this observe chapter *Technical data* on page 35.

DISPOSAL



The disposal must comply with the respective national law.

Please enquire about local disposal arrangements at your municipal authority.


INFORMATION FOR THE SPECIALIST DEALER

A maintenance and service manual is available upon demand, in which you can for example find the following information:

1. Adjustments that can be carried out with tools.
2. Step by step explanations to important repairs.
3. Information on model specific amendments.
4. A checklist for the annual inspection.

The functional tests necessary for the inspection are listed in the check list.

They are a guide for the performance of the inspection work.


 They do not give information about the actual extent of work required on the Scooter.

After the successful completion of an annual inspection the inspection certificate should be recorded in the operating manual.


A draft for further inspection certificates can be copied from the maintenance and service manual when required. It then has to be added to the operating manual.

Programming the driving behaviour


The driving behaviour of the scooter can be adjusted through the programming device.

 Therefore observe the respective < Maintenance and service manual >.

The driving features of the scooter should be adjusted to the individual requirements and the learning process of the respective user at regular intervals.

 The programming must be specially tailored to the user. The capacity of reaction, the constitution as well as physical and

psychical abilities are to be considered. A talk with the doctor or therapist can be very helpful.

 Any change to the manufacturer set programming may result in an increased danger of accidents.

 Possible danger of tilting in curves.

TECHNICAL DATA

All data given in the < *Technical data* > refers to the standard version.

Dimensional tolerance $\pm 15 \text{ mm}$, $\pm 2^\circ$.

Calculation of the max. user weight:

The maximum total load is calculated on the basis of the unloaded weight of the Scooter and the maximum passenger weight.

Additional weight due to subsequent additions or luggage reduce the maximum permissible passenger weight.

Example:

A driver wishes to take luggage with a weight of 5 kg. Thus, the maximum user weight is reduced by 5 kg.

Tyre pressure of pneumatic tyres

Maximum tyre pressure is printed on the tyres on each side.

Full tyre pressure – steering wheel

Standard:
2.5 - 3.5 bar = 36 - 50 psi

Full tyre pressure – drive wheel

Standard:
3.0 - 4.0 bar = 44 - 58 psi

Maximum range

The nominal values indicated by are reasonable in compliance with ISO 7176-4:

The maximum range depends to a large extent on the following factors:

- battery condition,
- weight of the driver,
- driving speed,
- driving style,
- road surface condition,
- driving conditions,
- ambient temperature.

The maximum range is greatly reduced by:

- frequent driving upwards on ramps,
- insufficient charging condition of the drive batteries,
- low ambient temperature,
- frequent starts and stops (e. g. in shopping malls),
- aged, sulphated drive batteries,
- frequently necessary steering manoeuvres,
- reduced driving speed (especially at walking speed).

In practical use, the maximum range under 'normal conditions' is then reduced to approx. 80 – 40 % of the nominal value.

Hill climbing ability

Gradients in excess of the permitted values (e.g. ramps) should for safety reasons only be driven when the wheelchair is empty!

Applied norms

The Scooter complies with the norm:

- EN 12184: 2014

The models are allocated to application class B according to the norm EN 12184.

The applied parts and components we use are in compliance to EN 1021-2 for resistance against inflammation.

Values acc. to ISO 7176-15 for model 1.274, CL515

	min	max
Overall length (without basket)	1650 mm	1650 mm
Overall width	680 mm	680 mm
Overall dimensions	355 kg	355 kg
User weight (incl. additional load)	205 kg	205 kg
Weight of the heaviest part	20 kg	80 kg
Actual seat depth	460 mm	460 mm
Actual seat width	500 mm	610 mm
Seat surface height at front edge (without cushion)	610 mm	660 mm
Seat angle	0°	0°
Back support angle	60°	90°
Back support height	550 mm	550 mm
Footplate to seat (lower shank length)	450 mm	500 mm
Static stability downhill	9°	9°
Static stability uphill	9°	9°
Static stability lateral	9°	9°
Dynamic stability uphill	6°	6°
Arm support height from seat surface	250 mm	250 mm
Back support to front edge of arm support	330 mm	330 mm
Obstacle height	60 mm	60 mm
Minimal turning radius	1950 mm	1950 mm

Values acc. to ISO 7176-15 for model 1.274, CL515

	min	max
Max. forward top speed	6 km/h	15 km/h
Minimum breaking distance from top speed	1000 mm	4500 mm
Maximum range with lead batteries	– km	40 km

Further technical data for model 1.274, CL515

	min	max
Sound level		70 dB(A)
Protection class	IP X4	
Turning area	3900 mm	3900 mm
Drive controller	24 V / 120 A	
Engine output (6 km/h / 15 km/h)	700 W	700 W
Glass tube fuse for the main current	60 A	
Blade type fuse for the control current	7,5 A	
Additional load	5 kg	5 kg
Permitted axle load front	150 kg	150 kg
Permitted axle load rear	250 kg	250 kg
Ground clearance	110 mm	
Empty weight (with battery pack)	– kg	150 kg
Empty weight (without battery pack)	– kg	100.0 kg
Overall height	1110 mm	1110 mm

Transport dimensions

Length	1650 mm	1650 mm
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Further technical data for model 1.274, CL515

	min	max
Width (without arm supports)	680 mm	680 mm
Height without arm supports	920 mm	920 mm

Climatic data

Ambient temperature	-25 °C to +50 °C
Storage temperature with drive batteries	-25 °C to +50 °C
Storage temperature without drive batteries	-40 °C to +65 °C

Steering wheel

4.00-8 (315 mm)	pneumatic tyres, max. 3.5 bar
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Driving wheel

4.00-8 (315 mm)	pneumatic tyres, max. 3.5 bar
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Drive batteries

2 x 12 V 80 Ah (5 h) / 50 Ah (20 h)	maintenance free
Max. battery dimensions (LxWxH)	260 x 168 x 216 mm
Charging current, charger Type: HP0180WB	12 A

Meaning of the symbols on the washing instruction

(the symbols correspond to European standard)



Wash as delicates with the indicated maximum temperature in °C



Wash as regular laundry with the indicated maximum temperature in °C



Hand wash only



Do not bleach



Not suited for the dryer



Do not iron

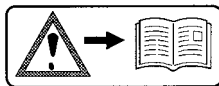


Do not dry-clean

Meaning of the labels on the scooter

Attention!

Read the operating manuals and other provided documentation.



Do not lift on the arm supports.



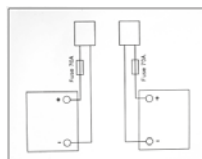
Switching from drive- to push mode.



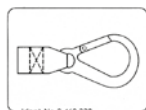
Push mode



Push only on level surfaces.



Battery connection plan



Attachment possibility of the transport securing system.



The product is **not** approved as a seat within a motor vehicle.



The product is suited to take along in regular service of the ÖPNV (public traffic system).

Meaning of the symbols on the type plate



Manufacturer



Order number



Serial number



Production date



Permitted user weight



max. permissible total weight



Permitted axle weights



Max. permissible rising gradient



Max. permissible falling gradient

max. ... km/h

Permitted maximum speed



The product is approved as a seat with in a motor vehicle.



Max. permitted user weight if the product is approved as a seat within a motor vehicle.



The product is **not** approved as a seat with in a motor vehicle.



Medical device

WARRANTY / GUARANTEE

Failure to observe the instructions in the operating manual, improperly carried out maintenance work and, especially, technical changes and additions (add-ons) carried out without our prior consent will lead to a general loss of guarantee and product liability.

National warranty- / guarantee conditions between you and your specialist dealer can vary from the conditions mentioned in this chapter.

We accept legal liability for this product within the scope of or general terms and conditions and warranty and in certain cases other verbal resp. agreed upon guarantees. For warranty and guarantee demands please contact your specialist dealer with following Warranty/Guarantee section and the there included information on model description, delivery note number with delivery date and serial number (SN).

The serial number (SN) can be read off of the type plate.

Precondition for the acceptance of liability in any case is the intended use of the product, the use of original spare parts by authorised dealers as well as maintenance and inspections in regular intervals.

Guaranty is not granted for surface damages, tyres of the wheels, damages due to loosened screws or nuts as well as worn out attachment holes due to frequent assembly work.

Furthermore, damage to the drive and electronics caused by improper cleaning using steam cleaning equipment or the deliberate or accidental flooding of the components are also excluded.

Interferences through radiation sources such as mobile phones with high transmission power, HiFi-equipment and other extreme interference radiators outside of norm specifications cannot be declared as warranty or guarantee claims.

This operating manual as a part of the product is to be handed out in case of a change of owner.

For evaluation of our products you can use our < *Information center* > sector < *PMS* > on our website < www.meyra.com >.

We reserve the right to make technical improvements.



This product fulfils the requirements of the directive (EC) 2017/745 for medical devices.

INSPECTION CERTIFICATE

Scooter data:

Model:

Delivery note no.:

Serial-no.(SN):

Recommended safety inspection 1st year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 2nd year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 3rd year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 4th year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 5th year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Warranty / Guarantee section

Please fill out! Copy if necessary and send the copy to the specialist dealer.

Warranty / Guarantee

Model designation:

Delivery note no.:

SN (view type plate):

Date of delivery:

Stamp of the specialist dealer:

Inspection certificate for transfer

Scooter data:

Serial-no.(SN):

Model:

Delivery note no.:

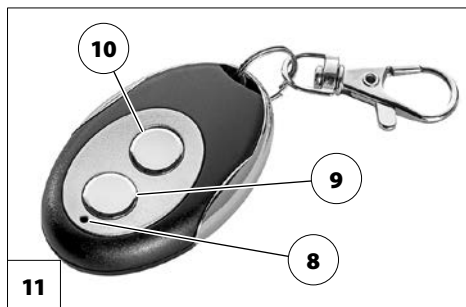
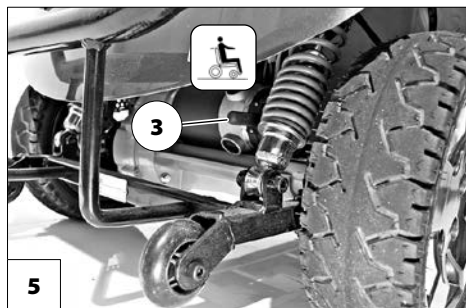
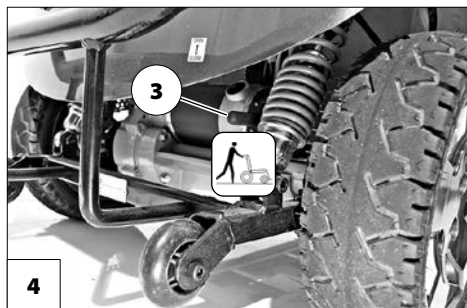
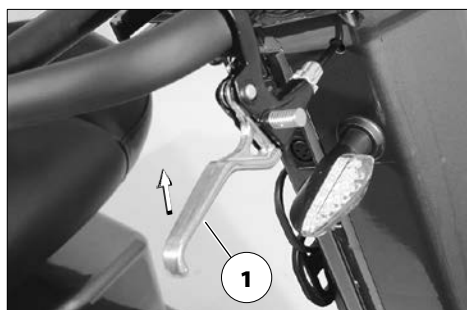
Stamp of specialist dealer:

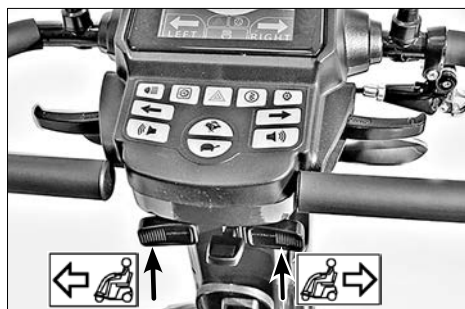
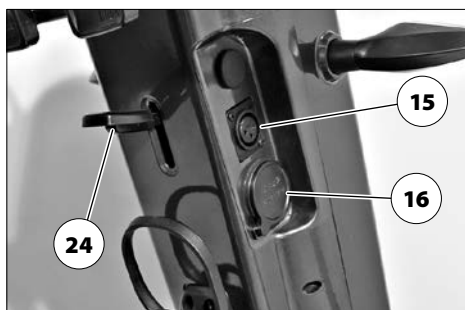
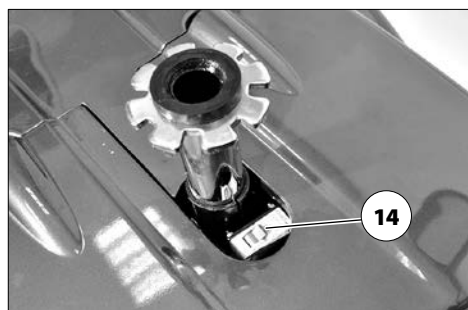
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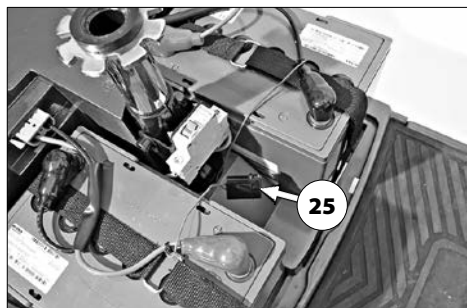
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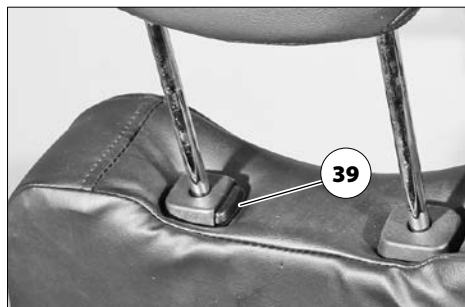
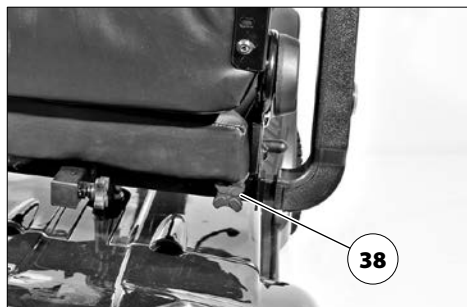
Next safety inspection in 12 months

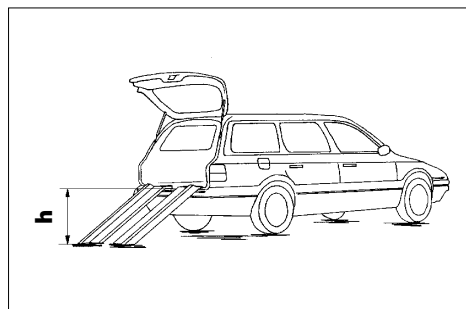
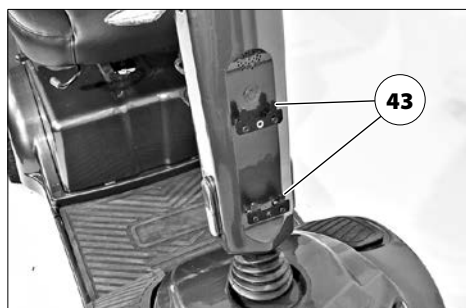
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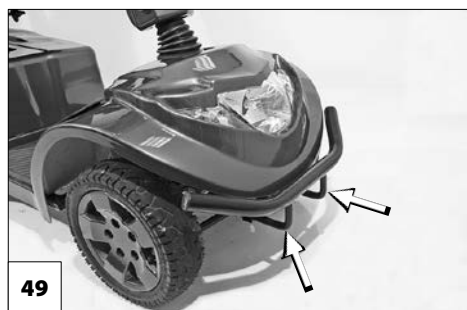












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