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Introduction

Congratulations on your new Mini Crosser M Joy electric mobility scooter. You have now taken possession of an electric mobility scooter developed for outdoor driving by active users. It is what is called a Class C vehicle in accordance with the European classification of electric scooters.

For optimum enjoyment of this vehicle - and to avoid breakdowns and accidents - we recommend that you read the User Manual carefully. As a new user, you should pay particular attention to the section entitled "Driving the Mini Crosser M Joy".

Note:

This Quick Guide is to be regarded as a supplement to the User Manual. The information in the Quick Guide cannot, therefore, be expected to be complete.

NB: Errors and omissions excepted. Specifications subject to change.

We reserve the right to update this guide as required.

Warning!

The vehicle must not be lent to persons who are not completely familiar with it.

The vehicle is designed for one person only.

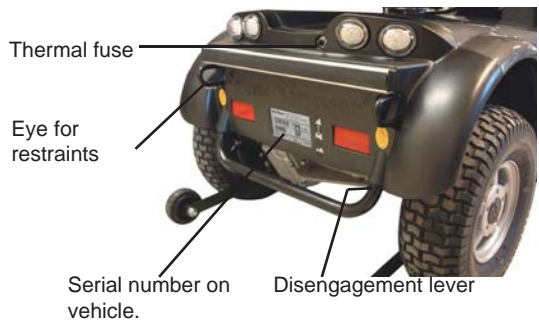
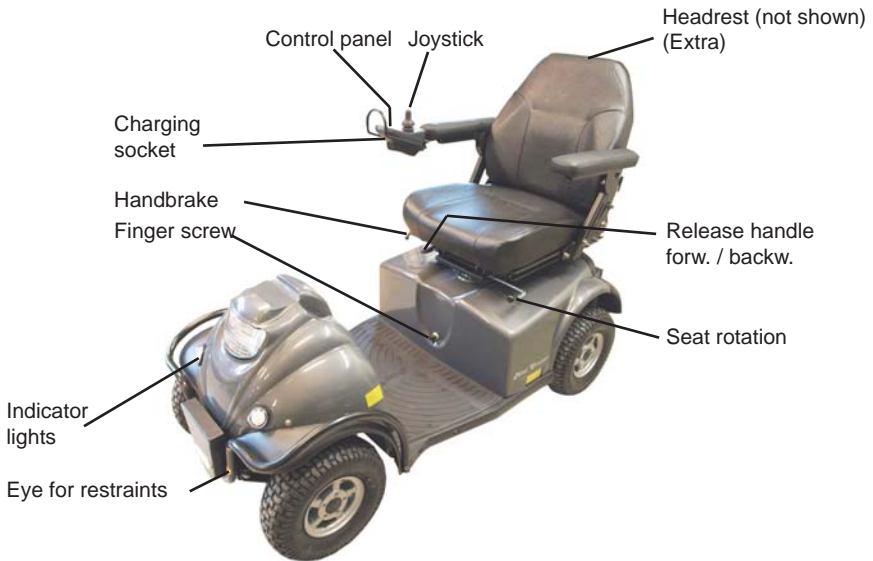
Max. user weight 150 kg.

Medema Production A/S is not responsible for any damage or injuries caused by inappropriate or unsafe use of the Mini Crosser.

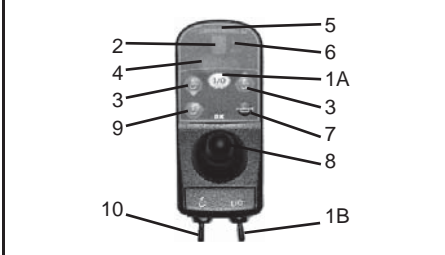
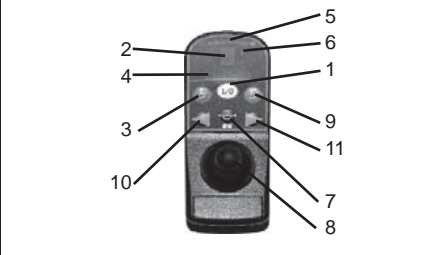


Designations

The following designations refers to the explanation later in the instruction book.



Joystick parts

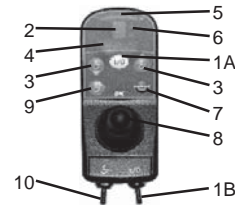
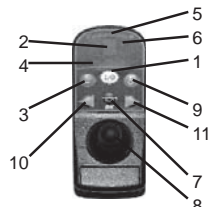
			
Dynamic G90T		Dynamic G90A	
1A	Start/stop button (push button)	1	Start/stop button
1B	Start/stop button (toggle switch)	2	Display
2	Display	3	Select program
3	Gear down/up	4	Display for seat functions (not available)
4	Display for seat functions (not available)	5	Battery indicator
5	Battery indicator	6	Magnetic lock
6	Magnetic lock	7	Horn
7	Horn	8	Joystick
8	Joystick	9	Lights, hazard warning lights and indicators
9	Light, hazard warning lights and indicators	10	Indicator left/lights
10	Select seat function (toggle switch) (not available)	11	Indicator right/hazard warning lights.

Note:

The battery indicator should show red, amber and green. If only red and amber are showing, the batteries should be charged as soon as possible. If only the red light is showing - either constantly or flashing - the batteries must be charged immediately.



Using the G90T and G90A

			
Speed selection with G90T		Speed selection with G90A	
1	To start the scooter: Press button 1A or use toggle switch 1B Wait for the battery indicator to stabilise (3-5 seconds)	1	To start the scooter: Press button 1 and wait for the battery indicator to stabilise (3-5 seconds)
2	Select the maximum speed: Keep pressing button 3 or toggle switch 10 to change the numbers between 1, 2, 3, 4 and 5. 1 is the lowest speed and 5 is the highest. (This may vary. Some scooters have a maximum speed of 3).	2	Select the maximum speed: Keep pressing button 3 to change the numbers between 1, 2, 3, 4 and 5 on the display. Select the speed you want. 1 is the lowest speed and 5 is the highest.
Driving		Driving	
1	Start driving by moving the joystick in the direction you want to travel. The speed depends on how far forward you push the joystick. To brake, return the joystick to the starting position in the centre.	1	Start driving by moving the joystick in the direction you want to travel. The speed depends on how far forward you push the joystick. To brake, return the joystick to the starting position in the centre.
2	It is important to check the battery indicator regularly to prevent the scooter stopping because of flat batteries.	2	It is important to check the battery indicator regularly to prevent the scooter stopping because of flat batteries.

Note!

If you are driving on a sloping surface with poor grip, e.g. gravel or snow, it is important to brake gently to avoid losing control of the scooter. To brake gently: move the joystick to the central position SLOWLY.



General care and maintenance

A Mini Crosser M Joy does not require much maintenance. It should be kept in a generally good condition, however. The following should be checked regularly:

- Tyre pressure (if pneumatic tyres are fitted)
- Tyre wear
- Keep the control panel, the charging socket and the electronics box under the seat dry.
- Battery charging

Never wash the Mini Crosser with a high-pressure cleaner or direct water jet! This could damage the Mini Crosser's electronics.

To keep the Mini Crosser in good condition safety-wise, we recommend the following regular checks:

Daily:

- Test the indicators and driving lights before using the Mini Crosser in the dark or poor visibility.

Every three months:

- Test the brake disengagement function. When the brake disengagement lever is up, the Mini Crosser must not be able to be pushed.

Further information in the User Manual



Charging



Charging

1	Plug the cable into the control box on the scooter
2	Plug the charger into the outlet or switch it on
3	Use the indicator lights on the charger to check that charging has started.
4	When charging has finished, switch off or unplug the charger, and then remove the charger cable from the control box.

You are recommended to charge the batteries every night after you have used the scooter.

(Further information in the User Manual)

Note:

If the batteries are damaged or are leaking, you should avoid touching them because you may burn yourself.



Contact a qualified workshop immediately!

Old batteries must be delivered to an approved facility for safe disposal.
Further information in the User Manual.

Safety check

See the User Manual

Troubleshooting the Dynamic

	
Troubleshooting G90T	G90A
Status light fl ashes with 2 fl ashes per cycle and the scooter runs at half speed.	The scooter may be fi tted with a speed limiter that halves the speed when the seat is raised. This is not a fault.
Status light fl ashes with 7 fl ashes per cycle	The batteries need charging.
The scooter runs at half speed or not at all	If the cause is not a raised seat, this may be a serious fault. Contact a competent service engineer as soon as possible (HMC or therapist).

Note:

Mobile phones should not be used very close to the scooter as they generate electromagnetic fi elds that may affect the electronic system.

The electronic system of the scooter itself also generates some electromagnetic fi elds, which on rare occasions may affect equipment like the alarm systems in shops.

Dynamic's control systems have been tested and meet the requirements of ISO7176/14 and EN12184



Serial number

All scooters have a serial number plate showing the year of production, month and serial number. The same serial number can also be found on the front of the User Manual.

Please quote the serial number when making inquiries about servicing, spare parts, etc.

Driving the Mini Crosser M Joy

Getting in and out

It is important to learn a safe technique for getting in and out of the Mini Crosser.

In general the following method should be followed:

- Make sure that the Mini Crosser M Joy is off (switch turned to 0)
- Make sure that the brake is on. (Lever for disengaging motor in top position.)
- If necessary, turn the seat through 45° or 90° and make sure that it is locked in position (clicked into place).
- If necessary, raise the armrest.



General safety advice

- Make sure that the backrest is upright and the seat is as low as possible.
- Positioning belts are recommended if the user is unable to maintain a good driving posture independently.
- Adjust your driving to road conditions. Take account of light, traffic and weather. Be particularly careful when driving in the dark or in bad weather, such as rain or snow. Avoid driving on gradients with poor surfaces, such as: snow, ice, new-mown grass, wet grass and wet leaves.
- Never drive when under the influence. This applies not only to alcohol, but also to drugs and medicines.
- Reduce speed immediately if you feel you are losing control.
- Always use the indicators when changing direction.
- Check that lights and indicators are working before driving off. Use your lights when driving after lighting-up time.

ALWAYS switch the scooter off when it is not in use. I/O button.

Note!

Never drive when under the influence. This applies not only to alcohol, but also to drugs and medicines.



When driving in traffic...

Be particularly aware of the following when driving in traffic:

- The Mini Crosser M Joy is a low vehicle and not always easy for other road users to see. Make quite sure that other road users have seen you before driving onto the highway.
- Keep an eye on traffic behind you. Keep well over to the side of the road when driving on busy roads.
- Turning right and left at crossroads. Be aware of cyclists and pedestrians. Follow the rules of the road for cyclists.
- How quickly things are happening. How long do the lights stay green? How quickly are cars approaching? etc.



Braking systems

There are three braking systems on the Mini Crosser:

- Motor brake - adjusts vehicle speed also when going downhill.
- Magnetic brake - the magnetic brake is automatic and engages when the Mini Crosser stops. In an emergency, the Mini Crosser can be stopped instantaneously by turning of the joystick. Please note that this will cause very sharp braking. The rear wheels will lock.

Must NOT be used in the normal course of driving.

The brake must never be disengaged mechanically using the disengagement lever on a slope. This function is only designed for use when pushing the Mini Crosser on a flat road.

- Handbrake - intended as an emergency brake and parking brake. It must be operated with caution when driving in slippery conditions and downhill.



When using the handbrake as a parking brake, lock it in braking position by pressing the button in while applying the brake. To release the brake, press the button again.

Handbrake lock

Own notes





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