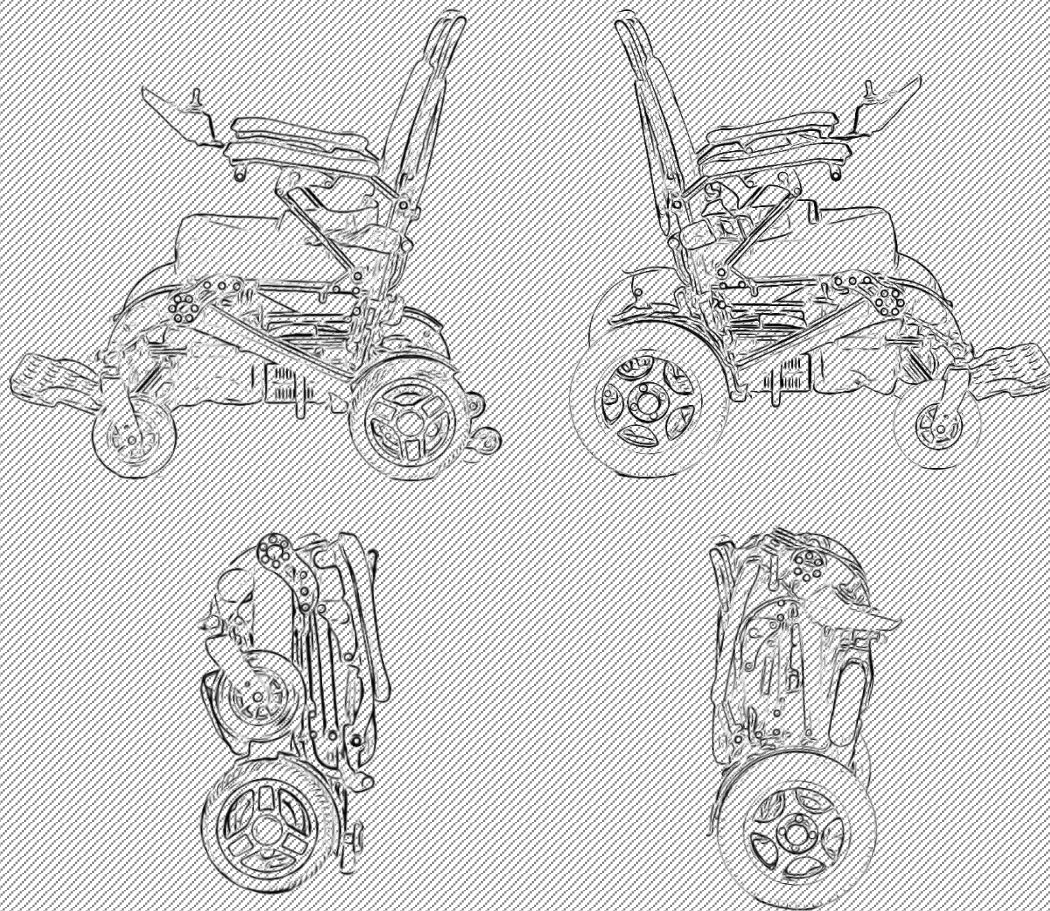


BLIMO

Elite / Elite XL

**Portable & Foldable
wheelchair**



Simple User Manual



Before using the Blimo Elite series electric wheelchair, please read this user manual carefully and save it for future use. If need detailed user manual, please contact with your local distributor.



Version 1.3 January 10, 2022

- www.blimo.se/dk/no/fi-

CHAPTER 1 Packing list of standard electric wheelchair

	Elite (Silver)	Elite XL (Silver)	

The image shown here is indicative only. If there is inconsistency between the image and the actual product, the actual product shall govern.

<p style="text-align: center;">Simple User Manual</p>	<p style="text-align: center;">Accessories Bag</p>	<ul style="list-style-type: none"> Charger Joystick Anti-Tipper Tools Bag with tools Charging Cable <i>(need to buy)</i> Caution Lights <i>(need to buy)</i>
<p style="text-align: center;">Lithium Battery * 1pc (standard)</p>	<p style="text-align: center;">Lithium Battery * 2pcs (option)</p>	<p style="text-align: center;">Lithium Battery * 3pcs (option)</p>

- The technical improvements of products will be compiled into new version of user manual without notice.
- If need detailed user manual, please contact with local distributor, digital version could be offered free.

<p>NORDBUTIKER AB Tel: +46-812350720 info@blimo.se/dk/no/fi www.blimo.se/dk/no/fi</p>	<p>Gösvägen 28 76141 Norrtälje, Sweden</p>
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CHAPTER 2 Main structure and Label

	Consult instructions for use	MD	Medical Device
	Caution: read instructions (warnings) carefully	CE	Medical Device compliant with Regulation (EU) 2017/745



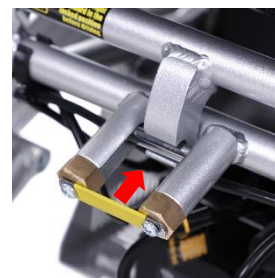
CHAPTER 3 Open or Fold wheelchair

❖ **Method 1** to open the wheelchair

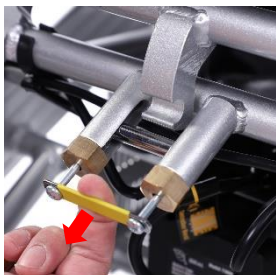


Please note to lock

❖ **Method 2 to open the wheelchair**



❖ **Fold the wheelchair**



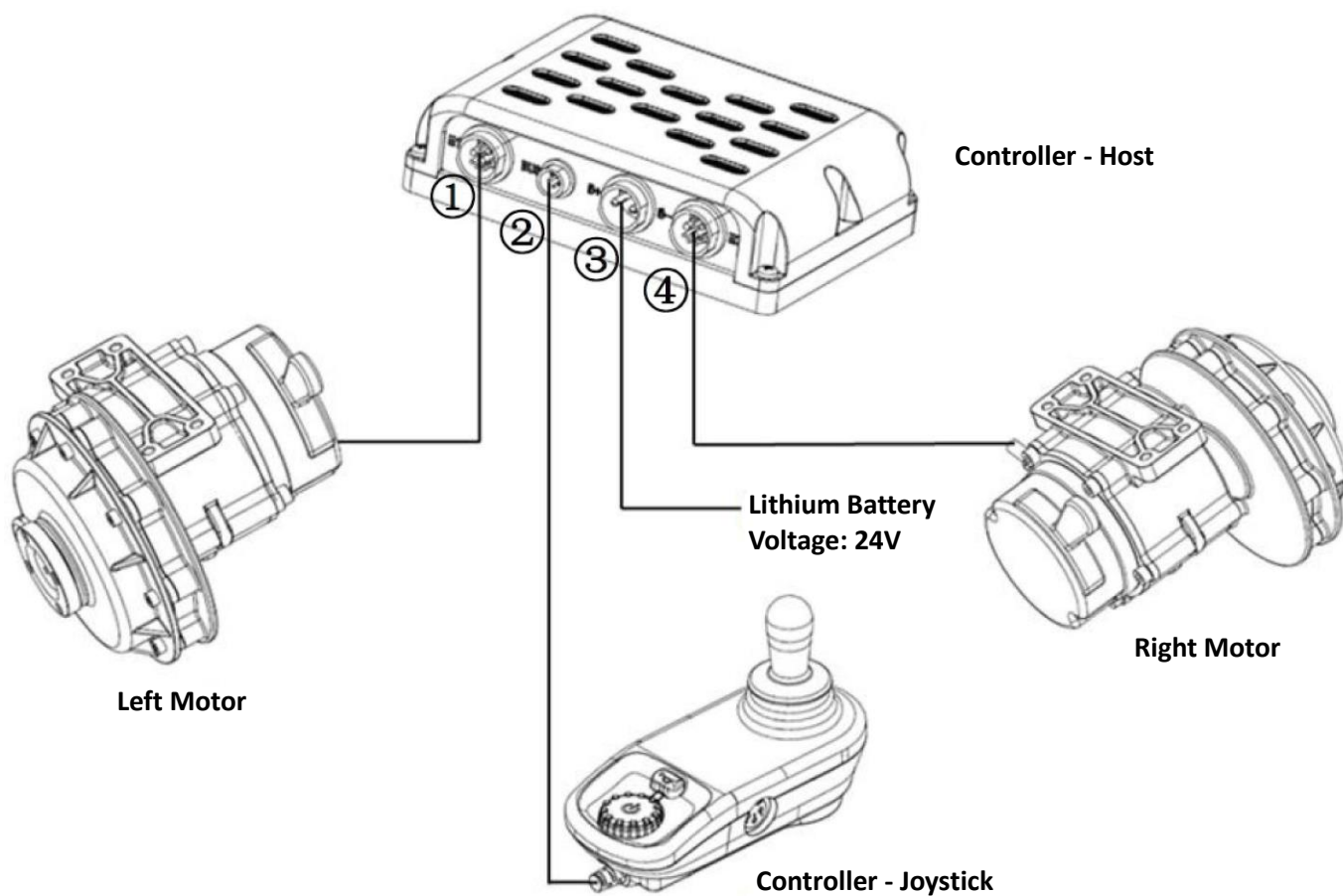
⚠ Please note to unlock



⚠ Please note to lock



CHAPTER 4 Electrical principle diagram



CHAPTER 5 Install joystick and connect



CHAPTER 6 Install lithium battery and remove

Install



Tighten the Knob

Remove



Loosen the Knob



CHAPTER 7 Drive and Controller Turn ON or Turn OFF



Switch between
Manual & Drive



LCD Brushless controller
SY-C10



LCD Sine Wave
Brushless Motors and Controller

❖ **Function instructions of LCD brushless controller (SY-C10)**



SY-C10 Electronic Lock Function:

Press and hold the power button 5 seconds to enter the locking state, and the screen displays the letter LC; To unlock, press the horn button for 5 seconds.

CHAPTER 8 More functions

❖ **Flip-Up armrest**

Unlock



Lock

❖ **Foldable footrest**



❖ Height adjustable backrest



CHAPTER 9 Charging for lithium battery (Charging time usually is 2-8 hours)

❖ Method 1 to charge by joystick (①Connect charger → ②Connect joystick → ③Connect socket)



Indicator light of Charger:

- 1) Red light on: Power on, disconnect with the battery
- 2) Orange light on: Charging
- 3) Green light on: Full-Charged



Cautions of Charging:

- 1) Only for indoor use, don't expose to rain.
- 2) Please switch off the power supply before removing the charger from the battery.
- 3) Do not get closed to explosive gases or sparks and put the charger in a well ventilated area during charging.
- 4) Use the charger only with 24V lithium batteries.
- 5) **Charge for battery every 3 months if don't use the battery for a long time.**

❖ Method 2 to charge by cable (Directly charge for lithium battery)



CHAPTER 10 Limited warranty

Warranty Items	Warranty Period	Remarks
Wheelchair frame	36 Months	This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear.
Brushless motor	24 Months	
Lithium battery	12 Months	
Controller	12 Months	
Charger	12 Months	
Non-Durable parts	6 Months	

- 1) Please confirm with your wholesaler or distributor about the starting date of warranty period.
- 2) User need to take the warranty card and invoice if need to repair during the warranty period. It will have to be charged fee without warranty evidence.
- 3) We have to charge for labor cost and materials cost due to the expiration of warranty period, freight cost will be paid by user.
- 4) Artificially damaged products and free gifts are not covered by warranty.
- 5) Non-Durable parts such as: plastic parts, rubber or PU parts, wheels, casters, textile parts.

CHAPTER 11 Problem diagnosis of controller SY-C10

When the fault code is displayed on the display screen of the controller, it indicates the electric wheelchair is in abnormal condition. The meaning of the display and the recommended disposal method are shown in the table below.

Fault Code	Flashing State	Alarm Sound	Fault & Warning Definition	Disposal Method
C1	Long flicker	Long time alarm	Communication failure	Check if the wiring harness is correctly installed and connected.
C2	Long flicker	Long time alarm	Joystick is not at the initial position	Turn off the power, release the joystick back to the center position, and then turn on.
C3	Long flicker	Long time alarm	Conflict of control (If your wheelchair with front and rear controllers)	Turn off the power of the front and rear controllers, and select one to turn on.
C4	Long flicker	Long time alarm	Brake handle not switched to electric state	Check if the motor is switched to drive state.
C5	Long flicker	Long time alarm	Overload warning (The first stage)	Reduce the wheelchair load or the joystick is released to the center position, it is restored.
C5	Short flicker	Short time alarm	Overload warning (The second stage)	
C5	Long flicker	Long time alarm	Overload warning (The third stage)	
C6	Long flicker	Long time alarm	Power on failure	Restart.
C7	Long flicker	Long time alarm	Left and right wheel overvoltage warning	The joystick returns to the center position until the over-voltage warning is eliminated.
C8	Long flicker	Long time alarm	Left and right wheel under voltage warning	Please charge the battery in time.
CE	Long flicker	Long time alarm	System parameter fault	Restart or contact after sales service.
L1	Long flicker	Long time alarm	Left wheel over current fault	
L2	Long flicker	Long time alarm	Excessive deviation of left wheel current	
L3	Long flicker	Long time alarm	Left wheel circuit overheat warning	Turn off the power, restart after the driving wheel is cooling.
L6	Long flicker	Long time alarm	Left wheel encoder failure	Restart or contact after sales service.
L7	Long flicker	Long time alarm	Left wheel brake failure	
L8	Long flicker	Long time alarm	Phase failure of left wheel	
R1	Long flicker	Long time alarm	Right wheel over current fault	
R2	Long flicker	Long time alarm	Excessive deviation of right wheel current	Turn off the power, restart after the driving wheel is cooling.
R3	Long flicker	Long time alarm	Right wheel circuit overheat warning	
R6	Long flicker	Long time alarm	Right wheel encoder failure	
R7	Long flicker	Long time alarm	Right wheel brake failure	Restart or contact after sales service.
R8	Long flicker	Long time alarm	Phase failure of right wheel	



If above problems cannot be solved, please do not disassemble the wheelchair parts by yourself. Please contact the after-sales service in time.

BLIMO

Elite / Elite XL

Parameters

Item No.	Elite	Elite XL		
Parameter Name				
Brushless motor:	250W*2, DC24V	250W*2, DC24V		
Max. speed:	8.0 km/h	8.5 km/h		
Braking distance:	≤ 1.0 m	≤ 1.0 m		
Max. grade ability:	12°	15°		
Turning radius:	80 cm	85 cm		
Rear wheel:	10 inch (Non-Pneumatic tire)	12 inch (Pneumatic tire) (Tire pressure max. 2.5 Bar)		
Front wheel:	8 inch	8 inch		
N.W. (without battery):	24.6 kg	24.8 kg		
Max. safe weight capacity:	120 kg	120 kg		
Lithium battery:	24V10Ah	24V10Ah		
N.W. of battery:	1.7 kg/pc	1.7 kg/pc		
Max. driving distance:	17 km/1 battery	17 km/1 battery		
	34 km/2 batteries	34 km/2 batteries		
	51 km/3 batteries	51 km/3 batteries		
Charger DC output:	24V2A	24V2A		
Charger AC input:	100 – 240V, 50/60Hz	100 – 240V, 50/60Hz		
Measurements	Elite	Elite XL		
Seat width:	450 mm	450 mm		
Seat depth:	440 mm	440 mm		
Seat to floor:	480 mm	500 mm		
Backrest width:	440 mm	440 mm		
Width between armrest:	470 mm	470 mm		
Armrest to seat:	210 mm	210 mm		
Ground clearance:	60 mm	65 mm		
Wheelbase:	550 mm	600 mm		
Total length:	920 mm	1040 mm		
Total width:	600 mm	640 mm		
Total height:	890 – 1040 mm (Height adjustable)	910 – 1060 mm (Height adjustable)		
Folding size:	600 x 340 x 670 mm (L*W*H=0.14 m ³)	640 x 340 x 740 mm (L*W*H=0.16 m ³)		
Carton size:	720 x 400 x 770 mm (L*W*H=0.22 m ³)	730 x 420 x 840 mm (L*W*H=0.26 m ³)		