

USER MANUAL

Devices

KLICK LIGHT - FTD_30_WHEELCHAIR_FW-V3.7.0

KLICK SCRAMBLER - FTD_30_WHEELCHAIR_FW-V3.7.0

KLICK ELECTRIC - FTD_30_WHEELCHAIR_FW-V3.7.0

KLICK POWER - FTD_30_WHEELCHAIR_FW-V3.7.0

KLICK POWER PLUS - FTD_30_WHEELCHAIR_FW-V3.7.0

KLICK RACE - FTD_30_WHEELCHAIR_FW-V3.7.0

KLICK MONSTER - FTD_30_WHEELCHAIR_FW-V3.7.0



Dear customer,

Thank you for choosing a KLICK product.

We sincerely hope that the KLAXON MOBILITY products can improve your day and your activities in many ways and we remain at your disposal for any information or clarification you may require. We also encourage you to keep up to date on the latest news of our product range, on the accessories available and on our company's events and initiatives.

You can contact us by writing an e-mail to info@klaxon-klick.com, through our web site at www.klaxon-klick.com, on our LinkedIn page www.linkedin.com/company/klaxon-mobility or on our Facebook page www.facebook.com/klaxonklickworld.

Please note also that in compliance with European regulation, KLAXON MOBILITY GMBH holds CE certification for all the products in the KLICK range; they are classified as Class I medical devices according to Annex VIII EU745/2017 MDR.



KLICK devices belongs to:

- GMDN 42805 code (Wheelchair electric-motor-driven propulsion system)
- UMDNS 17952 code (Power Conversion Kits, Wheelchair)

	EU WARNING: In the event of any serious accident related to the KLICK device, the user must immediately notify the manufacturer and the competent authority of the European country where the user has bought the product.
NOTE	For visually impaired people, a pdf format of this manual is available on our website www.klaxon-klick.com .
NOTE	You can find the addresses of Klaxon Dealers on our website www.klaxon-klick.com in the "Klick Stores" area.

Thank you again for having chosen our products. We wish you a good day and enjoyable use.

Best regards,

The Staff of KLAXON MOBILITY GMBH

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GENERAL INFORMATION

INTRODUCTION

This User's Manual explains how to use the KLICK devices that increase the independence of persons with disabilities. The KLICK product range described in this Manual includes the following models:

- POWER (P) that can be equipped with the STANDARD or TETRA handlebar
Firmware: FTD_30_WHEELCHAIR_FW-V3.7.0
- POWER PLUS (PP) that can be equipped with the STANDARD or TETRA handlebar
Firmware: FTD_30_WHEELCHAIR_FW-V3.7.0
- LIGHT (L) that can be equipped with the STANDARD or TETRA handlebar
Firmware: FTD_30_WHEELCHAIR_FW-V3.7.0
- SCRAMBLER (S) that can be equipped with the STANDARD or TETRA handlebar
Firmware: FTD_30_WHEELCHAIR_FW-V3.7.0
- RACE (R) that can be equipped with the STANDARD or TETRA handlebar
Firmware: FTD_30_WHEELCHAIR_FW-V3.7.0
- MONSTER (M) that can be equipped with the STANDARD handlebar
Firmware: FTD_30_WHEELCHAIR_FW-V3.7.0
- ELECTRIC (E) that can be equipped with the STANDARD or TETRA handlebar
Firmware: FTD_30_WHEELCHAIR_FW-V3.7.0



The following functions are not available in the ELECTRIC version:

1. Electronic Brake System (EBS) - electronic brake
2. Motion Direct Control (MDC) - motor brake when the accelerator is released
3. Intelligent Speed Control - maintenance of set speed
4. Hill Holder Control (HHC) - hill holder
5. No settings for the previous functions are possible from the display menu

MANUFACTURER'S IDENTIFICATION DATA

KLAXON MOBILITY GMBH

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Hereinafter: **KLAXON**.

REVISION INFORMATION

REV.	Description of the change	DATE
09	Revision no. 9.0	2024.10.15

All information, illustrations and specifications in this document are based on the latest product information available at the time of publication.

This document is subject to changes due to technical innovations, without prior notice. The latest and legally valid version is always available on our website at www.klaxon-klick.com. Otherwise, a hard copy can be requested by writing to info@klaxon-klick.com.

1. WARNINGS

- Read these instructions carefully before using the device.
- KLAXON is not liable for any failure of the end user to comply with the contents of this document.
- The use of KLICK devices is specifically dedicated to persons with disabilities who are using a manual wheelchair.
- The use of KLICK devices in public spaces (streets, sidewalks, squares, cycle paths, etc.) must comply with the specific regulations of the country in which they are used. KLAXON is not liable for use that is not in accordance with specific regulations in force.
- If any anomalies that may endanger the user are found during the usage: do not use the device and promptly contact KLAXON's technical support.
- Non-original spare parts and accessories have not been tested by the manufacturer. Therefore we cannot certify that these components are compliant with the needed performance and safety requirements.
- KLAXON is not responsible for any damage caused by the use of non-original spare parts or accessories.

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- The installation of the product and its maintenance must be carried out exclusively by authorised KLAXON technicians, who will issue a declaration of compliance. The user must request the declaration of compliance during the first activation and after every maintenance. If the device does not comply with the declaration, the warranty will expire with immediate effect and KLAXON will not be liable for any damage resulting from the use of the device.
- Not all the provisions included in this User's Manual are valid for all the countries and for all the KLICK models. Please always refer to the local regulations, settings and models that are provided and applied in the country of purchase and of use.

The points of the manual marked with the following symbols should be read carefully:

	Generic DANGER sign: it indicates the existence of a danger that can derive from various causes. The word DANGER is used to describe a potential situation that, if not avoided, could produce death, serious injuries, and/or property damages.
CAUTION	The word CAUTION indicates a potentially hazardous situation, which, if not avoided, may cause minor injuries or property damage.
NOTE	The word NOTE indicates important instructions or special information.
	High voltage DANGER sign: indicates the presence of high voltages.
	Burn hazard DANGER sign: indicates the risk of burn injuries.
	Sign indicating the warnings regarding the disposal of components.

2. SAFETY NOTICE

NOTE	KLICK devices meet all the requirements of ISO 7176-14.
	The user must read this document entirely and have become familiar with its contents before using the device.
	If the device is not used respecting the specifications described herein, the security level specified by the manufacturer may be reduced.
	During the initial period of use the user must familiarize with operation to avoid potential risks caused by incorrect use.
	EMC - The device is compliant with ISO 7176-21:2009 CLAUSE 5.4 on electromagnetic compatibility, but to ensure the user's safety we recommend not using this device in the presence of strong environmental electromagnetic fields.
	EMC - During its operation, the device can affect other devices with electromagnetic field.
	Children, incapacitated persons, or those that are insufficiently familiar with the device or are physically unsuited, must not use it.
NOTE	For technical and safety info you can contact a Klaxon Dealer. You can find the addresses of Klaxon dealers on our website www.klaxon-klick.com in the "Klick Stores" area.

- The device may skid on wet pavement, on gravel or on uneven terrain: always adjust speed and driving style to the conditions (weather, surface, individual capacity, etc.); never drive straight towards an object, and drive carefully towards narrow passages.
- Do not attempt to go over steps higher than 50 mm, both uphill and downhill, along the direction travelled. Do not drive the KCLICK-equipped wheelchair on roads with slopes that exceed 6°/ 10%. These obstacles must always be overcome frontally and slowly. The proper way to go over steps and to go up slopes is shown in Figure 1.
- If the pavement is wet or uneven, the maximum rated slope and the maximum height of the steps allowed must be considered lower than those previously indicated in order to ensure the safety of the user.
- In the event of a collision, the user could suffer serious injuries to its body parts.
- At high speed the user may lose control of the wheelchair and it may tip over. Never drive faster than 20 km/h (both uphill and downhill), and avoid impacts in general.
- Always use the KCLICK-equipped wheelchair suitably. Always brake in order to avoid obstacles (steps, edges, door frames, etc.), during descents, curves and/or dangerous slopes.
- Driving performance of the KCLICK-equipped wheelchair may be affected by electromagnetic fields. If a malfunction occurs in these conditions please contact KLAXON or one of its authorised resellers.
- Avoid contact with any liquid coming out of the battery if it is damaged.
- While using the device, some system components can get very hot. A contact of these components with the skin may cause scalding and burns: be extremely careful to avoid contact.
- Always observe the operating limits for the manual wheelchair on which the KCLICK system is installed.

3. INTENDED USE OF THE DEVICE

KCLICK devices can be used to add an auxiliary power assist system to most manual wheelchairs, quickly and easily.

Coupling the KCLICK device to the wheelchair raises the front castors off the ground. The single wheel of the "traction unit" is then used for steering.

The system consisting of the Klick device coupled to the manual wheelchair falls within Class B according to CEI EN 12184. The Klick devices meet the requirements of Class B as they provide a maximum autonomy of approximately 50 km (in the version equipped with a fully charged 11.6 Ah battery, driven on a flat course by an hypothetical user weighing 75 kg).

In accordance with the definition of class B of CEI EN 12184, the device is for indoor use and can handle outdoor obstacles.



Any other use or misuse could result in hazardous situations.

4. USAGE ENVIRONMENT

Operating Environment

KCLICK series devices are manufactured to be coupled to the majority of wheelchairs on the market. KCLICK products can be used both indoors and outdoors, within the limits stated in this document and, in general, according to the same limitations of use as those of the manual wheelchair (as established by its manufacturer). In case of doubt please verify all the limitations by reading the End User Manuals or by contacting the manufacturers concerned.

Medical use and types of users

KCLICK devices are not intended for a specific clinical use, but as a mobility support for people using manual wheelchairs. Therefore, no professional, technical or aptitude requirements are necessary to operate or use a KCLICK device, other than following the instructions described in this document.

5. OPERATING LIMITS

The device must be used consistently with the intended use described in the preceding paragraphs, any other use is considered as improper.

In particular do not use KCLICK devices:

- If not coupled with a manual wheelchair.
- After intake of alcohol or if the user's psycho-physical conditions are unsuitable.
- On roads with unsuitable pavement.
- In poor visibility (at night, in fog, etc.).

- If the user weighs over 120 kg or is heavier than allowed for the wheelchair used.
- In adverse weather (rain, strong wind, etc.).
- When going uphill or downhill on slopes that are exceeding 6°/ 10%. (see Figure 2).
- To go over steps higher than 50 mm, both uphill and downhill. (see Figure 3).

6. USER REQUIREMENTS

KLICK series devices and its accessories can be used independently by users that:

- That are familiar and have practised proper use of the device sufficiently.
- That are aware of the risks related to the use of the device.
- That have sufficient physical and mental capacity to ensure the appropriate safe use of the device.

7. WARNINGS AND PRECAUTIONS

	This User's Manual is an integral part of the device and must always be available to the user. If it is lost or damaged, contact KLAXON or download the manual from the specific product webpage on www.klaxon-klick.com .
	KLICK series devices and accessories can be used by users who are aware of the risks associated with the use thereof.
	KLICK series devices and accessories must be used only and exclusively by users that are familiar and have practised proper use of the device sufficiently.
	Absolutely never remove, modify or replace components of the device. If necessary, these operations must be carried out only by technical personnel authorised to do so by KLAXON.
	Never use the device after having drunk alcohol, taken drugs and in general if the user's psycho-physical conditions are unsuitable.
	The use of KLICK devices is prohibited for users weighing more than 120 kg; the total weight of the user must not exceed the quantity specified by the manufacturer of the wheelchair in use.
	The user is responsible for monitoring and maintaining proper operation of the devices and of their accessories as indicated herein.
	Absolutely never use the device outside of the stated environmental operating conditions.
	Periodic maintenance must be performed to ensure proper operation and the safety of the device.
	Do not use a KLICK device to carry more than one person.
	Do not use a KLICK device unless it is coupled with a manual wheelchair.
	Do not use the supplied battery pack to power systems other than the KLICK device for which it was designed.
	Do not leave the battery in the sun or adverse weather when not in use.
	Do not short-circuit the battery.
	It is forbidden to use a KLICK device simultaneously with other propulsion system.

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	Do not throw the battery in water.
	Do not attempt to open the battery pack.
	Do not allow children to play with the battery.
	Do not allow children to use the KLICK device.
	If the battery has reached its end of life, it must be disposed according to the local regulations applied in the Country.
	While using the device, some system components can get very hot and contact of these components with the skin may cause scalding and burns: be extremely careful to avoid contact.
	The components can become very hot if exposed to the sunlight. Skin contact may cause scalding and burns: be extremely careful to avoid contact.

	DANGER: The voltages inside the device can be lethal.
	DANGER: Do not connect/disconnect power cables when the device is on.
	DANGER: Maintenance or cleaning the device must always be carried out when the device is off and disconnected from the mains.
	DANGER: Do not remove any of the unit's cover panel, contact the Technical Support Service.

	The use of KLICK devices in public spaces (streets, sidewalks, squares, cycle paths, etc.) must comply with the specific regulations of the country in which they are used. KLAXON is not liable for use that is not in accordance with specific regulations in force.
	Adjust speed in relation to the characteristics of the wheelchair, the road conditions, the lateral inclination of the road and the radius of the curves to take.
	Do not operate the device in poor lighting conditions. The device can only be used in low-light conditions if an optional light is mounted (according to the local country regulations). Please contact your Klaxon dealer to purchase the light accessory available as an optional. You can find the addresses of Klaxon dealers on our website www.klaxon-klick.com in the "Klick Stores" area.
	Pay attention to side-skidding due to strong wind.
	Pay attention to side-skidding due to steering while moving.

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	Pay attention to side-skidding due to the slope of the road.
	Do not use KCLICK devices on roads with unsuitable pavement.
	Do not use KCLICK devices with adverse weather (rain, strong wind, etc.).
	Do not use the KCLICK devices to go up or down steps higher than 50 mm (see Figure 3).
	Even if the device performance allows to manage higher slopes (over 8°), for static and dynamic stability reasons, do not use KCLICK devices on slopes greater than 6°/10% . The rated slope's limit shall be reduced in accordance with the pavement and the environmental condition (see Figure 2).
	Consider that traction and stability might be affected by the pavement and environmental condition even within the maximum rated slope value.
	When driving downhill, do not exceed two-thirds of the maximum speed; avoid sudden braking or accelerations on slopes.
	Never go over obstacles when driving uphill or downhill.
	Do not go up or down staircases.
	Do not attempt to go over obstacles diagonally: make sure that the rear wheels always go over the obstacle together. Never stop halfway. Do not attempt to go over obstacles over 50 mm high.
	When the device is in motion, avoid moving the centre of gravity or abruptly moving your body.
	It is advisable to drive through narrow passages at minimum speed and with utmost caution.
	When using KCLICK devices, the risk of tipping-over during cornering increases: reduce speed before turning. Accelerate again only after completing the curve.
	When using KCLICK devices, do not make U-turns or turn from a stationary start on slopes greater than 3° (or lower according to pavement condition) and at a speed higher than level 1 and 3 km/h (or lower according to pavement condition).
	It can be difficult to manoeuvre in front of a lift or at the entrance of a building since the wheelchair's turning radius increases when coupled with a KCLICK device; this could conflict with the standards of the buildings or the actual size of the entrances.
	When entering a building and/or an elevator, always take into account the turning radius of your wheelchair equipped with the KCLICK device. Avoid driving into situations from which you would not be capable of exiting because you would be unable to turn your wheelchair.
	Absolutely never use the Klick device along tramway, rail and light railway tracks. Pay the utmost attention at level crossings, keeping the Klick's and wheelchair wheels at due distance. Failure to comply with this precaution could cause serious damages to the device and the user. The same precautions apply to water drains, manholes and all kinds of hollows along the way.
	Consider that the stopping distance on slopes can be significantly greater than on a flat ground.

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	The KCLICK models with tetra handlebar have no parking brakes.
	Switch off the device before entering and before leaving an indoor ambient.
	Potential finger traps are shown in Figure 4. Potential squeezing points are shown in Figures 5 and 6.
	Do not start or use the Intelligent Cruise Control function on an uphill slope that is rated above 6°/10% (or lower according to pavement condition) and a downhill slope that is rated above 3°/5% (or lower according to pavement condition).
NOTE	Handling points for carry the device are shown in Figure 7.

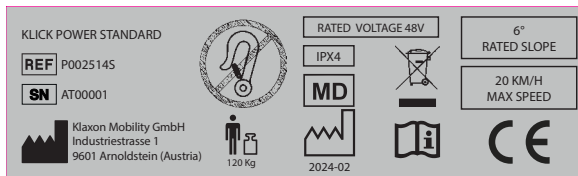
8. MARKINGS

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The device is uniquely identified by its serial number (SN), shown on the plate of the device, attached to the motor unit near the battery. The meaning of the symbols shown in the plate are as follows:

Symbol	Description
	Manufacturer
KLICK POWER	Type name (e.g.: KLICK Power)
	Serial number
	Reference Number
	Medical Device
	Year of manufacture
	Refer to instruction manual
	Symbol indicating: Follow the instructions for use
	Symbol indicating that the wheelchair (device) is not intended to be used as a seat in a motor vehicle
	Maximum User Weight
	CE mark
	Electrical device disposal via separated collection (special disposal, electrical components)
MAX SPEED	Maximum Speed of the Device
RATED SLOPE	Maximum inclination that can be negotiated with the device

Pictures of an example of the CE Label, applied on every Klick devices.



9. DESCRIPTION OF THE DEVICE

9.1 PRODUCT STRUCTURE

A. KLIK POWER/POWER PLUS/ELECTRIC/LIGHT/SCRUMBLER equipped with the STANDARD HANDLEBAR

Figure 8 shows a KLIK POWER device equipped with the STANDARD handlebar and identifies the elements that make it up.

1. Steering wheel and Motor unit
2. Brake system (both lever can be locked for parking brake function)
3. Kickstand (optional for the ELECTRIC model)
4. Standard Handlebar
5. Battery
6. Connector
7. Display

B. KLIK POWER/POWER PLUS/ELECTRIC/LIGHT/SCRUMBLER equipped with the TETRA handlebar

Figure 9 shows a KLIK POWER device equipped with the TETRA handlebar and identifies the elements that make it up.

1. Steering wheel and Motor unit
2. Kickstand (optional for the ELECTRIC model)
3. Tetra Handlebar "Push & Pull" (with both acceleration and braking functions)
4. Battery
5. Tetra Connector
6. Display

C. KLIK RACE equipped with the STANDARD handlebar

Figure 10 shows a KLIK RACE device equipped with the STANDARD handlebar and identifies the elements that make it up.

1. Steering wheel and Motor unit
2. Brake system (both lever can be locked for parking brake function)
3. Kickstand
4. Standard Handlebar
5. Battery
6. Connector
7. Display

D. KLIK RACE equipped with the TETRA handlebar

Figure 11 shows a KLIK RACE device equipped with the TETRA handlebar and identifies the elements that make it up.

1. Steering wheel and Motor unit
2. Kickstand
3. Tetra Handlebar "Push & Pull" (with both acceleration and braking functions)
4. Battery
5. Tetra Connector
6. Display

E. KLIK MONSTER equipped with the STANDARD handlebar

Figure 12 shows a KLIK MONSTER device equipped with the STANDARD handlebar and identifies the elements that make it up.

1. Steering wheel and Motor unit
2. Brake system (both lever can be locked for parking brake function)
3. Kickstand
4. Standard Handlebar

5. Battery
6. Connector
7. Display

9.2 KLAXON® CONNECTION

For the descriptions and instructions regarding the KLAXON® connection systems, please refer to the document "User Manual - Central Linking System" or to the document "User Manual - Lateral Linking System" provided together with the selected connection system. If you have lost these documents, you can retrieve a copy by contacting KLAXON or by downloading them from our website at www.klaxon-klick.com.

9.3 BATTERY CHARGER

Figure 13 shows the battery charger that is supplied with the RACE (11.6 Ah), RACE LITE (5.8 Ah) and FLY RACE (2.9 Ah) batteries.

9.4 ACCESSORIES

KLICK can be equipped with various accessories. You may need to consult the appropriate User's Manual (ask KLAXON or visit our website: www.klaxon-klick.com) for some of them.

9.5 DOCUMENTATION

This USER's MANUAL is provided with the Device in printed format and must be stored with the utmost care. If you lose the present document you can ask for a copy by contacting KLAXON or download the manual from the specific product webpage on www.klaxon-klick.com.

10. INSTALLATION

KLICK devices are provided by a technician authorised by KLAXON only after having pre-installed the coupling set on the wheelchair.



KLICK devices can be installed only on compatible wheelchairs.

KLAXON provides to the distributors the Installation Manual which contains the coupling criteria.

KLICK products must be installed only by authorised KLAXON technicians who may decide, under their own responsibility, if the specific wheelchair can be properly used with the KLICK device (according to both wheelchair features and general condition).

11. KLICK GENERAL OPERATION



The following functions are not available in the ELECTRIC version:

6. Electronic Brake System (EBS) - electronic brake
7. Motion Direct Control (MDC) - motor brake when the accelerator is released
8. Intelligent Speed Control - maintenance of set speed
9. Hill Holder Control (HHC) - hill holder
10. No settings for the previous functions are possible from the display menu

11.1 USER INTERFACE

The device is equipped with an LCD display that shows several operating parameters (the letters can be found in Figures 36, 37 and 38 and 39):

- The battery icon located in the centre (A) shows the current battery charge level in percentage. The bar (B) located underneath the battery symbol shows the charge level divided in 5 section representing each a 20% of the battery level.
- The letter (C) located in the centre of the display shows the speed, in km/h or mph. In the event of a malfunction, the speed value is replaced by the message "error" accompanied by the error's identification number and a warning symbol (L).
- The letter (D) located in the lower part of the display shows various values that will be shown alternatively on screen. The values shown are: Odometer (Odo), Trip, Autonomy of the battery (Aut.), Power in Watts (Watt/W) and Voltage in Volts (Volt/V).
- The letter (E) shows the selected maximum speed level (numbers from 1 to 5).
- The letter (F) shows a curved bar that graphically indicates the speed reached.
- The letter (G) shows if the optional light is turned on/off.
- The lightning symbol (H) indicates when the EBS is charging the battery.

- The letter (I) shows if the reverse gear is selected (flashing “R”).
- The USB symbol (J) indicates when the USB port is active.
- The symbol (K) shows if the Hill Holder Control function is engaged.

11.2 TURNING ON AND SETTING UP THE DEVICE

A. Turning On and Selecting the Speed

- Switch on the battery (for more information please refer to the instructions starting from chapter 16).
- Press the **“POWER”** button (Figure 18 Letter A) to turn on the display.
- Press the **“M/+”** (Figure 18 Letter B) or **“-”** (Figure 18 Letter C) buttons to select the desired maximum speed level (Figure 37 Letter E); various speed levels can be selected, between 1 (minimum speed), 2 (normal speed), 3 (medium speed), 4 (high speed) and 5 (maximum speed).

B. Turning ON/OFF the light (if the optional light is installed)

- To turn on/off the light press briefly the **“POWER”** button.

C. Intelligent Speed Control (ISC) function

- The Intelligent Speed Control function adapts and allows to keep the speed fixed while riding even uphill and downhill.
- To activate this function the speed has to be higher than 3 km/h.
- Press the dedicated button (Figure 18 Letter D) to insert the Intelligent Speed Control function, which will run the KLICK at the actual speed;
- The Intelligent Speed Control function can be deactivated by one of the following modes: by operating the Brake lever of the Standard Handlebar (left and/or right), by pushing the Tetra handlebar forward (braking action) or by pushing the EBS button (Figure 19).



Pressing again the Intelligent Speed Control's button (Figure 18 Letter D) or pressing the reverse button (Figure 18 Letter E) WILL NOT deactivate the Intelligent Speed Control function.

D. Electronic Brake System (EBS)

- This function slows down the Klick device by electrically reducing its speed. During the EBS braking the energy produced will be recovered and used to recharge the battery (Figure 14).
- For the Standard Handlebar: Squeezing the first part of the brake lever will activate the EBS. This action will combine with the mechanical braking if the brake lever is pressed harder. The EBS can also be activated by pushing the dedicated red button (Figure 19).
- For the Tetra Handlebar: Pushing the first part of the Tetra handlebar forward activates the EBS. This action will combine with the mechanical braking if the handlebar is pushed further on. The EBS can also be activated by pushing the dedicated red button (Figure 19).

E. Motion Direct Control

This function slows down the Klick device by electrically reducing its speed when the accelerator lever is released and it reaches the inert position at the starting point of the lever's movement. The intensity of the braking action can be adjusted and/or disabled as indicated in this chapter in section H.

F. Hill Holder Control (HHC)

- The Hill Holder Control function keeps the vehicle braked both uphill and downhill for a limited time (60 seconds) whenever the speed drops below 1 km/h.
- The Hill Holder Control function can be activated by pressing the **“SPEED CONTROL”** button (Figure 18 Letter D) when the vehicle is completely stopped. A Hill Holder symbol will appear on the display (Figure 39).
- The Hill Holder Control function can be deactivated by pressing the **“SPEED CONTROL”** button (Figure 18 Letter D) when the vehicle is completely stopped. The Hill Holder symbol will disappear from the display (Figure 39).
- After 60 seconds of stopping action, the Hill Holder Control function will be deactivated. A signal will warn that the function is about to be deactivated. After that the user must intervene on the handlebar brake levers, the parking brakes (see Chapter 12) or the wheelchair brakes in order to stop the vehicle and the function will need to be reactivated.

G. Mobile Phone Charger

When the USB port is active it is possible to use it to charge your mobile device.

- Connect your mobile phone with your charging cable.
- Connect the charging cable to the USB port located on the Display push-buttons panel (Figure 16).
- Press briefly the “**M/+**” button (Figure 18 Letter B) to activate the USB port, at this point the device will start the charging process. A USB symbol will appear on the display when the port is active (Figure 38 Letter J).
- When the charging function is no longer needed: press briefly the “**M/+**” button to deactivate the USB port. The USB symbol will disappear signalling that the USB port is deactivated.

H. Settings

It is possible to modify certain operating parameters of the KLICK and the Display.

Navigating the setting menu

In order to access and modify the settings:

- Press and hold the “**M/+**” button for a few seconds to enter the setting menu.
- Once inside the menu it is possible to move through the different options by using the “**M/+**” or “**-**” buttons to go up or down.
- The selected option is highlighted. To access the selected option press the “**M/+**” button briefly.
- It is possible to modify the set value of the option by using the “**M/+**” or “**-**” buttons to change/increase/decrease the values.
- To apply the modification press the “**M/+**” button briefly, this action will confirm your choice and take you back to the settings menu.
- To exit the settings menu press and hold the “**M/+**” button for a few seconds.

Options

The settings showed on the display are (Figure 16):

- E Braking Lv: modify the intensity of the EBS braking action. This option's level can be set from a value that starts from 0 (deactivated) to 10 (maximum intensity).
- Acceleration Lv: this setting can be used to adjust the motor response to the throttle (speed progression). This option's level can be set from a value that goes from 0 to 10 (where 0 stands for the maximum acceleration and 10 for the minimum acceleration).
- Motor Brake Lv: modify the intensity of the motor's braking action when the accelerator is released. This option's level can be set from a value that starts from 0 (deactivated) to 10 (maximum intensity).
- Reverse gear speed: it is possible to adjust the reverse gear's speed level. NOTE: The maximum speed cannot be higher than the preset speed fixed by KLAXON.
- Battery size: allows to choose the size of the battery in order to calculate the remaining range of the vehicle
- Autolight: it is possible to activate or deactivate the automatic light function. When the function is deactivated, the display shows a dark theme and the light is turned ON and OFF manually pressing the “**POWER**” button briefly.
- Speed Limit: it is possible to adjust the maximum speed's limit. This function adjusts only the maximum speed of the 5th speed level, the other speed levels will be calculated automatically once the maximum speed is set. NOTE 1: The maximum speed cannot be higher than the preset speed fixed by KLAXON. NOTE 2: The maximum speed in level 1 is factory set and cannot be changed.
- Trip reset: it is possible to reset the value of the trip Km/miles counter.
- Select Km/h or MPH: change the speed unit displayed by the system.
- Password On or Off: activate/deactivate the anti-theft password request. If this options is active the display will require the insertion of a password everytime the KLICK device is turned on. The first password will be issued by a KLAXON dealer, please keep the password in a safe place. CAUTION: the KLICK engine will not be operative until the correct password is inserted. If the password is lost, a new password will be issued by a KLAXON dealer upon verification of the identity of the KLICK owner, this will be done in order to prevent a potential theft. To enter the password:
 - Press and hold the “**M/+**” button for a few seconds. The display will show “**0000**” and a triangular cursor above the first digit.
 - To change the value of the digit located below the cursor, use the “**M/+**” or “**-**” buttons until the desired number is reached.

– To confirm and proceed to the next digits, press the “**M/+**” button. The cursor will move over the next number.

– Once the four digits have been entered, confirm by holding down the “**M/+**” button for a few seconds.

The anti-theft function has to be activated prior to each switch-off of the product.

- Reverse sound alarm: it is possible to turn ON and OFF the reverse gear’s buzzer.
- Serial number: this setting displays the serial number of the KLICK’s ECU.
- Software release: this setting displays the number of release of the display’s software.
- Error History: this setting is meant for KLAXON dealers only and cannot be modified.

	When using the Intelligent Speed Control function it is mandatory to pay the utmost attention to road hazards in order to be able to intervene promptly on the controls so as to avoid any type of collision that may cause damage to persons and/or property.
	Every action and/or tampering of the display to change performance and KLICK’s security is strictly prohibited. The sole and only actions possible are those specified in paragraph 11.2 of this End User’s Manual.
	Pressing again the Intelligent Speed Control’s button or pressing the reverse button <u>WILL NOT deactivate the Intelligent Speed Control function.</u>
	Although the Intelligent Speed Control adapts the speed, there may be slight differences between the set speed and the actual speed when descending a slope. As a precaution it is recommended to set a lower speed when driving downhill.
	Pay attention when using Intelligent Speed Control in critical situations (e.g.: curves, obstacles, slopes, etc.): the device will not reduce the speed automatically.
	In the KLICK devices mounting the Tetra Handlebar, the Intelligent Speed Control function, although present, must be used with caution. The user must check in advance if it can use this function in total safety in accordance to its individual abilities.
NOTE	The KLICK devices described in this manual are equipped with a function called Downhill Speed Control which limits the top speed automatically during descents accordingly to the maximum speed selected.
	Although the Downhill Speed Control adapts the speed, there may be slight differences between the maximum set speed and the actual speed when descending a slope. As a precaution it is recommended to set a lower speed when driving downhill.
	When the KLICK device is switched off or the motor is inoperative the Downhill Speed Control, the Electronic Brake System, the Intelligent Speed Control and all the electronic commands are neither active nor operative. In this case is mandatory to pay the utmost attention, to proceed with caution, to use the mechanical brakes and to avoid potentially dangerous situations and actions.

	If the battery is charged to 100%, the Electronic Brake System (EBS), the Motion Direct Control and the Downhill Speed Control functions are either deactivated or reduced. The electronic braking action will progressively increase as the battery is discharged, and will reach the maximum braking force when the battery has reached the 80% charge level. Therefore, during the interval between 100% and 80% battery charge, the user must use the mechanical brake to stop the device.
	The Hill Holder Control function will deactivate after 60 seconds of stopping action.
	Engage the handlebar brake levers, the parking brakes or the wheelchair brakes whenever the stop is longer than 20 seconds.
	The KLICK models with tetra handlebar have no parking brakes.
	The Hill Holder Control function is not available when the reverse gear is engaged.

11.3 TURNING OFF THE DEVICE

To perform the operation properly, carefully follow the following instructions.

- Stop the wheelchair on a flat surface.
- Apply the brake on the wheelchair.
- Turn off the KLICK by pressing and holding the **"POWER"** button for a few seconds.

11.4 COUPLING STEPS/RELEASING FROM THE WHEELCHAIR

For the descriptions and instructions regarding the linking and unlinking procedures, please refer to the document "User Manual - Central Linking System" or to the document "User Manual - Lateral Linking System" provided together with the selected connection system. If you have lost these documents, you can retrieve a copy by contacting KLAXON or by downloading them from our website at www.klaxon-klick.com.

12. INSTRUCTIONS FOR THE STANDARD HANDLEBAR VERSION

12.1 STANDARD HANDLEBAR CONFIGURATION IN THE KLICK POWER, POWER PLUS, LIGHT, SCRAMBLER, RACE AND MONSTER MODELS

Figure 17 shows the Standard handlebar of the Klick device and it identifies the elements that make it up (listed below).

1. Handlebar
2. Accelerator
3. Display
4. Display button panel
5. Brake levers equipped with parking brake
6. EBS Button

Once the device has been installed, the battery and the display have been turned on and a speed has been selected, use the accelerator to make the device start to move (Figure 19). To slow down the device's speed use the brake lever or press the **"EBS BUTTON"** (the red button in Figure 19). To stop the device keep squeezing the brake lever until the KLICK stops completely (Figure 20). The KLICK brake is equipped with an additional safety device that deactivates the motor and activates the EBS when the lever is operated (Figure 20).

The device is equipped with a reverse gear as standard equipment. To use the reverse:

- A. Press the **"RIGHT ARROW BUTTON"** (Figure 18 Letter E). A flashing **"R"** symbol will appear on the display.
- B. Press the accelerator until it reaches the maximum speed position. This will activate the reverse gear.
- C. Release the accelerator.
- D. Gently press the accelerator to start moving backward.



If the brake has been activated while the reverse gear is engaged, the only way to re-activate the backward movement is to repeat the procedure in this chapter (chapter 12.1) starting from step B. This is due to safety reasons.

To return to the forward gear, release the accelerator and press the **"LEFT ARROW BUTTON"** (Figure 18 Letter F). The flashing **"R"** symbol will disappear from the display.

The KLICK models equipped with the STANDARD handlebar are provided with a parking brake (Figure 21).

Here below the instructions to LOCK the parking brake (instructions apply to both left and right brakes):

- Activate the brake by squeezing the brake lever (Figure 22).
- Lock the brake lever with the parking brake locker (Figure 22).
- Release the lever after being sure that the parking brake locker is engaged (Figure 23).

Here below the instructions to UNLOCK the parking brake (instructions apply to both left and right brakes):

- Squeeze the brake lever until the parking brake locker is free to move (Figure 24).
- Disengage the parking brake locker (Figure 24).
- Release the brake lever. The brake and the parking brake locker will return to the same position shown in Figure 21.

CAUTION	The reverse gear has a warning system to show whether it is selected or not. The warning is delivered in two ways: VISUAL-> A flashing "R" symbol will appear on the display when the reverse gear is engaged. ACOUSTIC-> when the reverse gear is ENGAGED, the display will emit an acoustic warning that will be active for all the duration. This function can be deactivated (see "Reverse sound alarm" at paragraph 11.2)
CAUTION	After inserting the battery in its housing and locked by turning the key, remove the key and put it in a safe place. It is absolutely forbidden to use the KLICK device with the key inserted in the security block.
	The accelerator control and the EBS button can be installed either on the left or on the right side of the handlebar according to the user's preference.
	For the installation and positioning of controls (accelerator control and EBS button), contact an authorised KLAXON service centre.
	Before using the reverse gear to move the device, make sure that there are no persons, obstacles, stairs, slopes behind the wheelchair.
	At each restart pay maximum attention, before accelerating, to check if the forward or reverse gear is currently selected, especially when close to obstacles, drop-offs and any other kind of danger.
	If obstacles, drop-offs and dangers are too close to be safe, turn off the KLICK device and manually move the wheelchair to a safe place.
CAUTION	Always apply the correct force to the brakes. Squeezing too hard the lever may cause the front wheel blockage. This will increase the braking distance and compromise the overall stability.
	If the battery is charged to 100%, the Electronic Brake System (EBS), the Motor Brake and the Downhill Speed Control functions are either deactivated or reduced. The electronic braking action will progressively increase as the battery is discharged, and will reach the maximum braking force when the battery has reached the 80% charge level. Therefore, during the interval between 100% and 80% battery charge, the user must use the mechanical brake to brake.

12.2 STANDARD HANDLEBAR CONFIGURATION IN THE KLICK ELECTRIC MODEL

Figure 40 shows the Standard handlebar of the Klick Electric device and it identifies the elements that make it up (listed below).

1. Handlebar
2. Accelerator
3. Display
4. Display button panel
5. Brake levers equipped with parking brake

Once the device has been installed, the battery and the display have been turned on and a speed has been selected, use the accelerator to make the device start to move (Figure 19). To slow down the device's speed use the brake levers. To stop the device keep squeezing the brake levers until the KLICK stops completely (Figure 20).

The device is equipped with a reverse gear as standard equipment. To use the reverse:

- A. Press the **"RIGHT ARROW BUTTON"** (Figure 18 Letter E). A flashing **"R"** symbol will appear on the display.
- B. Press the accelerator until it reaches the maximum speed position. This will activate the reverse gear.
- C. Release the accelerator.
- D. Gently press the accelerator to start moving backward.



If the brake has been activated while the reverse gear is engaged, the only way to re-activate the backward movement is to repeat the procedure in this chapter (chapter 12.2) starting from step B. This is due to safety reasons.

To return to the forward gear, release the accelerator and press the **"LEFT ARROW BUTTON"** (Figure 18 Letter F). The flashing **"R"** symbol will disappear from the display.

The KLICK models equipped with the STANDARD handlebar are provided with a parking brake (Figure 21).

Here below the instructions to LOCK the parking brake (instructions apply to both left and right brakes):

- Activate the brake by squeezing the brake lever (Figure 22).
- Lock the brake lever with the parking brake locker (Figure 22).
- Release the lever after being sure that the parking brake locker is engaged (Figure 23).

Here below the instructions to UNLOCK the parking brake (instructions apply to both left and right brakes):

- Squeeze the brake lever until the parking brake locker is free to move (Figure 24).
- Disengage the parking brake locker (Figure 24).
- Release the brake lever. The brake and the parking brake locker will return to the same position shown in Figure 21.

CAUTION	The reverse gear has a warning system to show whether it is selected or not. The warning is delivered in two ways: VISUAL-> A flashing "R" symbol will appear on the display when the reverse gear is engaged. ACOUSTIC-> when the reverse gear is ENGAGED, the display will emit an acoustic warning that will be active for all the duration. This function can be deactivated (see "Reverse sound alarm" at paragraph 11.2)
CAUTION	After inserting the battery in its housing and locked by turning the key, remove the key and put it in a safe place. It is absolutely forbidden to use the KLICK device with the key inserted in the security block.
	The accelerator control and the reverse gear button can be installed either on the left or on the right side of the handlebar according to the user's preference.
	For the installation and positioning of controls (accelerator control and reverse gear button), contact an authorised KLAXON service centre.

	Before using the reverse gear to move the device, make sure that there are no persons, obstacles, stairs, slopes behind the wheelchair.
	At each restart pay maximum attention, before accelerating, to check if the forward or reverse gear is currently selected, especially when close to obstacles, drop-offs and any other kind of danger.
	If obstacles, drop-offs and dangers are too close to be safe, turn off the KLiCK device and manually move the wheelchair to a safe place.
CAUTION	Always apply the correct force to the brakes. Squeezing too hard the lever may cause the front wheel blockage. This will increase the braking distance and compromise the overall stability.
	If the battery is charged to 100%, the Downhill Speed Control function is either deactivated or reduced. The electronic braking action will progressively increase as the battery is discharged, and will reach the maximum braking force when the battery has reached the 80% charge level. Therefore, during the interval between 100% and 80% battery charge, the user must use the mechanical brake to brake.

13. INSTRUCTIONS FOR THE TETRA HANDLEBAR VERSION

13.1 TETRA HANDLEBAR CONFIGURATION IN THE KLiCK POWER, POWER PLUS, LIGHT, SCRAMBLER, RACE AND MONSTER MODELS

Figure 25 shows the Tetra handlebar of the Klick device and it identifies the elements that make it up (listed below).

1. Handlebar
2. Display
3. Display button panel
4. EBS Button

Once the device has been installed, the battery and the display have been turned on and a speed has been selected, use the handlebar (pulling it toward you) to make the device start to move (Figure 26). To slow down the device's speed, activate the brake system by pushing the handlebar forward (Figure 27) or press the **"EBS BUTTON"** (the red button in Figure 19). To stop the device keep pushing the handlebar forward until the KLiCK stops completely (Figure 27). The KLiCK brake is equipped with an additional safety device that deactivates the motor and activates the EBS when the handlebar is pushed forward (Figure 27).

The device is equipped with a reverse gear as standard equipment. To use the reverse:

- A. Press the **"RIGHT ARROW BUTTON"** (Figure 18 Letter E). A flashing **"R"** symbol will appear on the display.
- B. Operate the accelerator, by pulling it toward you, until it reaches the maximum speed position. This will activate the reverse gear.
- C. Release the tetra handlebar so that it returns to the neutral position.
- D. Gently activate the accelerator to start moving backward.

	If the brake has been activated while the reverse gear is engaged, the only way to re-activate the backward movement is to repeat the procedure in this chapter (chapter 13.1) starting from step B. This is due to safety reasons.
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To return to the forward gear, release the accelerator and press the **"LEFT ARROW BUTTON"** (Figure 18 Letter F). The flashing **"R"** symbol will disappear from the display.

CAUTION	The reverse gear has a warning system to show whether it is selected or not. The warning is delivered in two ways: VISUAL-> A flashing "R" symbol will appear on the display when the reverse gear is engaged. ACOUSTIC-> when the reverse gear is ENGAGED, the display will emit an acoustic warning that will be active for all the duration. This function can be deactivated (see "Reverse sound alarm" at paragraph 11.2)
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CAUTION	After inserting the battery in its housing and locked by turning the key, remove the key and put it in a safe place. It is absolutely forbidden to use the KCLICK device with the key inserted in the security block.
	The EBS button and the multi-function control panel can be installed either on the left or on the right side of the Tetra Handlebar according to the user's preference.
	For the installation and positioning of controls (multi-function control panel and the EBS button), contact an authorised KLAXON service centre.
	Before using the reverse gear to move the device, make sure that there are no persons, obstacles, stairs, slopes behind the wheelchair.
	At each restart pay maximum attention, before accelerating, to check if the forward or reverse gear is currently selected, especially when close to obstacles, drop-offs and any other kind of danger.
	If obstacles, drop-offs and dangers are too close to be safe, turn off the KCLICK device and manually move the wheelchair to a safe place.
CAUTION	Always apply the correct force to the brakes. Pressing too suddenly and too forcefully the Tetra handlebar may cause the front wheel blockage. This will increase the braking distance and compromise the overall stability.
	If the battery is charged to 100%, the Electronic Brake System (EBS), the Motor Brake and the Downhill Speed Control functions are either deactivated or reduced. The electronic braking action will progressively increase as the battery is discharged, and will reach the maximum braking force when the battery has reached the 80% charge level. Therefore, during the interval between 100% and 80% battery charge, the user must use the mechanical brake to brake.
	The KCLICK models with tetra handlebar have no parking brakes.

13.2 TETRA HANDLEBAR CONFIGURATION IN THE KCLICK ELECTRIC MODEL

Figure 41 shows the Tetra handlebar of the Klick Electric device and it identifies the elements that make it up (listed below).

1. Handlebar
2. Display
3. Display button panel

Once the device has been installed, the battery and the display have been turned on and a speed has been selected, use the handlebar (pulling it toward you) to make the device start to move (Figure 26). To slow down the device's speed, activate the brake system by pushing the handlebar forward (Figure 27). To stop the device keep pushing the handlebar forward until the KCLICK stops completely (Figure 27).

The device is equipped with a reverse gear as standard equipment. To use the reverse:

- A. Press the **"RIGHT ARROW BUTTON"** (Figure 18 Letter E). A flashing **"R"** will appear in the display.
- B. Operate the accelerator, by pulling it toward you, until it reaches the maximum speed position. This will activate the reverse gear.
- C. Release the tetra handlebar so that it returns to the neutral position.
- D. Gently activate the accelerator to start moving backward.

	If the brake has been activated while the reverse gear is engaged, the only way to re-activate the backward movement is to repeat the procedure in this chapter (chapter 13.2) starting from step B. This is due to safety reasons.
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To return to the forward gear, release the accelerator and press the **"LEFT ARROW BUTTON"** (Figure 18 Letter F). The flashing **"R"** symbol will disappear from the display.

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CAUTION	The reverse gear has a warning system to show whether it is selected or not. The warning is delivered in two ways: VISUAL-> A flashing "R" symbol will appear on the display when the reverse gear is engaged. ACOUSTIC-> when the reverse gear is ENGAGED, the display will emit an acoustic warning that will be active for all the duration. This function can be deactivated (see "Reverse sound alarm" at paragraph 11.2)
CAUTION	After inserting the battery in its housing and locked by turning the key, remove the key and put it in a safe place. It is absolutely forbidden to use the KLICK device with the key inserted in the security block.
	The reverse gear activation button can be installed either on the left or on the right side of the Tetra Handlebar according to the user's preference.
	For the installation and positioning of controls, please contact an authorised KLAXON service centre.
	Before using the reverse gear to move the device, make sure that there are no persons, obstacles, stairs, slopes behind the wheelchair.
	At each restart pay maximum attention, before accelerating, to check if the forward or reverse gear is currently selected, especially when close to obstacles, drop-offs and any other kind of danger.
	If obstacles, drop-offs and dangers are too close to be safe, turn off the KLICK device and manually move the wheelchair to a safe place.
CAUTION	Always apply the correct force to the brakes. Pressing too suddenly and too forcefully the Tetra handlebar may cause the front wheel blockage. This will increase the braking distance and compromise the overall stability.
	If the battery is charged to 100%, the Downhill Speed Control function is either deactivated or reduced. The electronic braking action will progressively increase as the battery is discharged, and will reach the maximum braking force when the battery has reached the 80% charge level. Therefore, during the interval between 100% and 80% battery charge, the user must use the mechanical brake to brake.
	The KLICK models with tetra handlebar have no parking brakes.

14. CLEANING

Regularly cleaning the entire device makes it last longer and work better.

We recommend:

- To always switch the device off and to disconnect the battery charger before cleaning it.
- To not use abrasive cleaning agents, detergents and high pressure cleaners.
- To clean the device with a soft, damp cloth.
- To dry the unit thoroughly after using it out in the rain.
- In case the device is dirty, to soften the dirt and to remove it as soon as possible; then to dry the device carefully.
- To clean all the outside of the device at least once a month and after each ride on muddy terrains.
- To be careful not to wet the electrical parts (battery, display, motor).
- To not wash the parts under running water.
- To dry the parts immediately after washing by using a soft cloth.
- If the electrical parts get wet, let them dry and do not use the device until they are completely dry.

14.1 DISINFECTION

Disinfecting the KCLICK devices is as important as the regular cleaning operation described in this chapter. In order to do so please proceed by using a detergent that complies with the disinfection procedures that respects the materials and components of the device. If in doubt, please refer to the instructions on the packaging of the chosen disinfectant. The disinfection must be done with certified, tested and of proven effectiveness disinfection products that are complying with your national hygiene standards. A list of the currently approved and certified disinfectants can be found on the websites of renowned institutions such as, for example, The European Centre for Disease Prevention and Control (www.ecdc.europa.eu), Centers for Disease Control and Prevention (www.cdc.gov), Robert Koch Institute's website (www.rki.de) and similar.

15. SERVICING

KCLICK devices must be serviced regularly, to ensure safe, reliable and efficient operation.

	KLAXON is not responsible for any damage caused by non-maintenance or by insufficient maintenance. In such cases the warranty will be voided. The use of the device without carrying out the maintenance procedures is considered as improper and thus voids the warranty. The user is fully and solely responsible for any injury or damage resulting from a malfunction of the device due to not performing the mandatory maintenance.
	KCLICK devices must be serviced by KLAXON's authorized technicians only. Unscheduled maintenance can be carried out only by KLAXON's authorized technicians.
	Do not remove any component from the device. Only KLAXON's authorized technicians can remove components from Klick devices. The only component that can be removed by the user is the battery.
	It is mandatory to verify the correct installation after one month. In order to do so please contact an authorised KLAXON technician. This operation will check the system settlement.
NOTE	Please contact a Klaxon Dealer to know whether a spare part is available or not.

15.1 PERIODICAL MAINTENANCE

The following periodical maintenance activities are mandatory:

	At least once a month, check the tyre inflation pressure; a flat tyre affects the vehicle's smooth ride, its safety and its power consumption. The tyre of a Klick devices must be inflated to 2.7 bar.
	At least once a month, check the tyres wearing. To replace an inner tube or a tyre, contact an authorised KLAXON technician.
	At least once every two months, check the tightness of all screws and fasteners.
	At least once a month, check the tightness of the fixing nuts of the wheels' pins with a torque wrench calibration at 40Nm.
	Before each use, check proper operation of the accelerator and brakes: any replacement of parts subject to wear (brake pads, discs, brake system in general) should be carried out only by authorised KLAXON technicians. The vehicle should also be checked whenever you feel the braking power has decreased.
	Check the condition of the battery, before each use. To replace the battery, and any other electrical component, contact only authorised KLAXON technicians.
CAUTION	Be careful when using high pressure air to inflate the tyre.
	Have a KLAXON authorized technician overhaul the entire device at least once a year, and/or whenever a malfunction occurs.



The device must be checked by a KLAXON's authorized technician whenever you feel that the braking power has decreased.

15.2 MALFUNCTIONS

If you encounter a malfunction during use of the KLICK device, contact KLAXON or one of its authorised resellers.

Malfunction found	Possible cause	Corrective action
The device does not turn on	The battery is empty	Recharge the battery
	The battery is positioned improperly	Check the position of the battery by removing it and inserting it again, making sure that the electrodes are inserted in the appropriate spaces.
	General problems	Do not use the device. Contact an authorised KLAXON service centre
It vibrates excessively during use	Loose screws	Do not use the device. Contact an authorised KLAXON service centre
The Klick is not manoeuvrable	The front tyre is flat	Inflate tyre to 2.7 bar
	The front tyre is punctured	Do not use the device. Contact an authorised KLAXON Dealer
The display lights up but the device does not move	Disconnected plug	Do not use the device. Contact an authorised KLAXON service centre
Wheelchair's front wheels touch the ground	The linking system is mounted too low	Do not use the device. Contact an authorised KLAXON service centre
KLICK is noisy when in use	The fender touches the wheel while moving	Make sure your feet are in a position that does not interfere with the fender of the device
		Reposition the fender, putting it back into place.
	The brake pads touch the disc when reversing	Do not use the device. Contact an authorised KLAXON service centre



Never use the Klick device if the traction unit and/or the linking system are behaving abnormally. Immediately contact a Klaxon Dealer.

15.3 SERVICE LIFE OF THE PRODUCT

After careful analysis of the market, the technologies used, the state of the art, the intended use and the maintenance specifications KLAXON has estimated that the product has a service life of approximately 5 years. KLAXON would like to emphasize, in a very clear way, that this period is still an estimation and that it can be extended beyond this date if the user follows the correct maintenance procedures, uses the product properly and with the appropriate care.

If the KLICK product reaches the end of this period please contact your health insurance, local health service, KLAXON dealer or the shop where the product was purchased.

16. BATTERY INFORMATION

16.1 TRANSPORTATION, STORING AND GENERAL INFORMATION

- The batteries supplied with the Klick device are compliant with the EMC2004/108/EC regulation issued by the European Union regarding the CE Classification. It is therefore permitted to transport these batteries on a train, ship or airplane. Despite of this classification they are considered, according to the UN Recommendations on the Transport of Dangerous Goods, as dangerous material and classified as Class 9, respectively as: code UN3480 (Lithium Ion Batteries) if transported as single units and UN3481 (Lithium Ion Batteries Contained in Equipment) if transported while connected to the Klick device. This classification determines some restrictions regarding the transportation of the product by ship (IMDG Code) and by plane (IATA DGR) referring to: quantity of batteries transported, type of transport (if transported as single unit or connected to the device) and the Watt-hour value (Wh) of each single battery. In this regard, if you are planning to take your device with you, please contact directly the shipping company or the airline chosen for your travel. Here below a list with the details of the available battery models supplied by KLAXON:
 - RACE battery: 48V x 11Ah (528 Wh)
 - RACE LITE battery: 48V x 5.8 Ah (280 Wh)
 - FLY RACE battery: 48V x 2.9 Ah (140 Wh)
- We recommend paying attention to the charge level indicator! Always recharge when the level is low. We always advise you to recharge the battery after extended use. Lithium-ion batteries have no memory effect, so they can be charged without having to wait until they are completely discharged.
- Store the battery charger away from heat sources, in a dry place and protected from direct sunlight.

	When not using the battery, remember to charge it at least once a month.
	If you see that the battery is damaged, its housing is broken, if it swells or leaks, absolutely do not use it and contact KLAXON's Technical Support immediately.
	Only use the supplied battery charger together with the KLICK device: any damage or malfunction due to non-compliance with these instructions or use of products that do not comply with KLAXON's guidelines will not be covered by the warranty.
	There is a risk of injury due to short-circuits and risk of electric shock if the battery charger has been damaged. Avoid using the battery charger if it has been dropped or damaged.
	Avoid using extension cords unless it is absolutely necessary. If you must use them, make sure in advance that they are undamaged and in excellent condition, to prevent fire hazards and electrical shock.
	Never recharge the batteries and operate the device at the same time, due to risk of injury to yourself and to others. Only recharge the battery when is NOT mounted on the device.
	Once the battery is fully charged, the charger automatically cuts the power supply. Do not leave the battery charger connected to the 230 V mains for too long after it has finished its charge cycle (green LED on).
	Always charge the battery in a well ventilated room and keep it away from flammable material.
	Always charge the battery before you start using the KLICK. Never use the device with an empty battery.
NOTE	The battery is delivered with two keys. It is not possible to obtain more copies of them as these keys are unique. For this reason it is recommended to keep both keys in a safe place and, if necessary, to note where they are kept.

16.2 BATTERIES DESCRIPTION AND INSTRUCTIONS

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The following descriptions and instructions apply to the RACE battery (48 V x 11.6 Ah), RACE LITE battery (48 V x 5.8 Ah) and FLY RACE battery (48 V x 2.9 Ah).

The battery is box-shaped and secured to the connection with a latching system (Figure 28).

On the side of the battery there are markings that, along with some LEDs, show the current charge level. Pressing the button, the LEDs will show the approximate charge level, in four levels (20%-50%-80%-100% - Figure 29).

The key, placed on the right side of the battery, can be used to remove the entire unit from the device; by turning it 180° anticlockwise, the battery is released and it can be removed by pulling it upward (Figures 30 and 31).

The black power button is located on the left side of the battery next to the protective cap for the charger input; pressing it will activate the battery and power the motor and the display. With the same button the battery is deactivated.

To charge the battery:

- Turn the device off (by pressing and holding the “**POWER**” button);
- Remove the battery by turning the key (Figures 30 and 31).
- Remove the protection cap located on top of the battery (Figure 32).
- Connect the battery charger's plug to the 230V 50 Hz mains (Figure 33);
- Connect the battery charger's plug (Figure 34);
- The LED light on the upper surface of the battery charger (Figure 35) show its status:
 - Red: charging;
 - Green: charging complete, fully charged battery.
- When the battery is fully charged, first disconnect the plug from the mains socket and only then remove the plug from the battery.

17. TECHNICAL DATA

17.1 CLASSIFICATIONS OF THE DEVICE

According to the Medical Devices Directive Annex VIII EU745/2017 MDR	Risk class I
Protection against electrical hazards	Class II
Degree of protection against direct and indirect contact	Type B
Use in oxygen-rich environments	No protection
Operating conditions	Device for continuous operation

17.2 PERFORMANCE

#	Feature	Value	Unit	Notes
1a	Available speeds	3-7.5-12-15.5-20	km/h	Values with maximum speed set at 20 km/h. Other maximum speeds are depending on customized settings or from national regulations. Intermediate speed are scaled automatically once the maximum speed has been set.
2a	Range RACE 11.6 Ah battery	45-50	km	With charged battery, moderate speed, flat course and 75 kg user.
2b	Range RACE LITE 5.8 Ah battery	20-25	km	With charged battery, moderate speed, flat course and 75 kg user.
2c	Range FLY RACE 2.9 Ah battery	10-12	km	With charged battery, moderate speed, flat course and 75 kg user
3	Maximum negotiable rated slope	6	°	With charged battery and 75 kg user
4	Maximum negotiable obstacle height	50	mm	With charged battery and 75 kg user

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5	Maximum negotiable ground unevenness height	30	mm	With charged battery and 75 kg user
6	Motor voltage	48	V	
7	Maximum weight of user	120	Kg	Consistently with the technical characteristics of the wheelchair to which it is attached.
8	Expected service life	5	years	Approximately 25,000 km.

17.3 SIZE INFORMATION

17.3.1 DIMENSIONAL DATA KLIK LIGHT

#	Feature	Value	Unit	Notes
1	Length	375	mm	
2	Width	500	mm	
3	Height	875	mm	with STANDARD handlebar
		925	mm	with TETRA handlebar
4	Weight	8.8	kg	with STANDARD handlebar, without battery
		9.4	kg	with TETRA handlebar, without battery
5	Motor power	250	W	750 W of peak power
6a	Weight of RACE battery (11.6 Ah)	3.0	kg	
6b	Weight of RACE LITE battery (5.8 Ah)	2.0	kg	
6c	Weight of FLY RACE battery (2.9 Ah)	1.0	kg	
7	Tyre Size	12.5X2.25	inch	C-1488 ELECTRIC E-BIKE

17.3.2 DIMENSIONAL DATA KLIK SCRAMBLER

#	Feature	Value	Unit	Notes
1	Length	400	mm	
2	Width	500	mm	
3	Height	900	mm	with STANDARD handlebar
		950	mm	with TETRA handlebar
4	Weight	11.8	kg	with STANDARD handlebar, without battery
		12.4	kg	with TETRA handlebar, without battery
5	Motor power	250	W	750 W of peak power
6a	Weight of RACE battery (11.6 Ah)	3.0	kg	
6b	Weight of RACE LITE battery (5.8 Ah)	2.0	kg	
6c	Weight of FLY RACE battery (2.9 Ah)	1.0	kg	

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7	Tyre Size	13.3X3.0	inch	C-1488 ELECTRIC E-BIKE
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17.3.3 DIMENSIONAL DATA KLIKK ELECTRIC

#	Feature	Value	Unit	Notes
1	Length	400	mm	
2	Width	500	mm	
3	Height	900	mm	with STANDARD handlebar
		950	mm	with TETRA handlebar
4	Weight	10.2	kg	with STANDARD handlebar, without battery
		10.8	kg	with TETRA handlebar, without battery
5	Motor power	250	W	750 W of peak power
6a	Weight of RACE battery (11.6 Ah)	3.0	kg	
6b	Weight of RACE LITE battery (5.8 Ah)	2.0	kg	
6c	Weight of FLY RACE battery (2.9 Ah)	1.0	kg	
7	Tyre Size	14X2.125	inch	C-1488 ELECTRIC E-BIKE

17.3.4 DIMENSIONAL DATA KLIKK POWER

#	Feature	Value	Unit	Notes
1	Length	400	mm	
2	Width	500	mm	
3	Height	900	mm	with STANDARD handlebar
		950	mm	with TETRA handlebar
4	Weight	10.4	kg	with STANDARD handlebar, without battery
		11.0	kg	with TETRA handlebar, without battery
5	Motor power	250	W	750 W of peak power
6a	Weight of RACE battery (11.6 Ah)	3.0	kg	
6b	Weight of RACE LITE battery (5.8 Ah)	2.0	kg	
6c	Weight of FLY RACE battery (2.9 Ah)	1.0	kg	
7	Tyre Size	14X2.125	inch	C-1488 ELECTRIC E-BIKE

17.3.5 DIMENSIONAL DATA KLIKK POWER PLUS

#	Feature	Value	Unit	Notes
1	Length	425	mm	
2	Width	500	mm	

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3	Height	925	mm	with STANDARD handlebar
		975	mm	with TETRA handlebar
4	Weight	10.6	kg	with STANDARD handlebar, without battery
		11.2	kg	with TETRA handlebar, without battery
5	Motor power	250	W	750 W of peak power
6a	Weight of RACE battery (11.6 Ah)	3.0	kg	
6b	Weight of RACE LITE battery (5.8 Ah)	2.0	kg	
6c	Weight of FLY RACE battery (2.9 Ah)	1.0	kg	
7	Tyre Size	16X2.125	inch	C-1488 ELECTRIC E-BIKE

17.3.6 DIMENSIONAL DATA KLIK RACE

#	Feature	Value	Unit	Notes
1	Length	400	mm	
2	Width	500	mm	
3	Height	900	mm	with STANDARD handlebar
		950	mm	with TETRA handlebar
4	Weight	13.2	kg	with STANDARD handlebar, without battery
		13.8	kg	with TETRA handlebar, without battery
5	Motor power	1000	W	750 W of peak power
6a	Weight of RACE battery (11.6 Ah)	3.0	kg	
6b	Weight of RACE LITE battery (5.8 Ah)	2.0	kg	
6c	Weight of FLY RACE battery (2.9 Ah)	1.0	kg	
7	Tyre Size	14X2.125	inch	C-1488 ELECTRIC E-BIKE

17.3.7 DIMENSIONAL DATA KLIK MONSTER

#	Feature	Value	Unit	Notes
1	Length	500	mm	
2	Width	500	mm	
3	Height	900	mm	with STANDARD handlebar
4	Weight	15.3	kg	with STANDARD handlebar, without battery
5	Motor power	1,000	W	1,500 W of peak power
6a	Weight of RACE battery (11.6 Ah)	3.0	kg	
6b	Weight of RACE LITE battery (5.8 Ah)	2.0	kg	

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6c	Weight of FLY RACE battery (2.9 Ah)	1.0	kg	
7	Tyre Size	20X4	inch	

17.3.8 ADDITIONAL SAFETY INFORMATION

The following information are to be considered very seriously and supersedes the information included in the present manual, if any difference should be.

The following information must be considered as part of the Instructions for use of this Klaxon device.

17.3.9 IMPORTANT WARNINGS ON THE BATTERY CHARGE OPERATION

	WARNING: ONLY USE KLAXON SUPPLIED CHARGERS FOR THIS DEVICE. UNAUTHORISED CHARGERS MAY CAUSE FIRE
	WARNING: DISCONNECT THE DEVICE FROM THE WHEELCHAIR BEFORE CHARGING
	WARNING: DISCONNECT THE BATTERY FROM THE DEVICE BEFORE CHARGING
	WARNING: DO NOT LEAVE THE BATTERY UNATTENDED WHILE CHARGING

17.4 ENVIRONMENTAL OPERATING CONDITIONS

#	Feature	Value	Unit	Notes
1	Maximum altitude	2,000	m	
2	Atmospheric pressure	700 to 1,060	hPa	
3	Temperature	-25 to 50	°C	Discharge temperature
		0 to 45	°C	Charging temperature

17.5 TRANSPORTATION AND STORAGE ENVIRONMENTAL CONDITIONS

#	Value	Unit	Permissible time
1	-20° to 60°C	Temperature°C	Less than 1 month
	60% RH Max	Relative Humidity RH	
2	-20° to 45°C	Temperature°C	Less than 3 months
	60% RH Max	Relative Humidity RH	
3	-20° to 25°C	Temperature°C	Less than 1 year
	60% RH Max	Relative Humidity RH	

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NOTE	Before a long term storage fully charge the battery. During a long term storage periodically check the battery charge level and charge it at least once a month. Before starting to use the battery again after a long period of storage, fully charge the battery.
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17.6 TECHNICAL DESCRIPTION OF BATTERY CHARGER (RACE, RACE LITE, FLY RACE BATTERIES)

#	Feature	Value	Unit	Notes
1	Input voltage	230	V	
2	Frequency	50	Hz	
3	Output Voltage	48	V	

17.7 TECHNICAL DESCRIPTION OF THE BATTERIES

NOTE	All KLAXON products are provided with a Li-Ion Maintenance Free battery.
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A. RACE BATTERY (11.6 Ah)

#	Feature	Value	Unit	Notes
1	Rated voltage	48	V	
2	Capacity	11.6	Ah	
3	Charging time	5.5	h	Time to charge a completely discharged battery

B. RACE LITE BATTERY (5.8 Ah)

#	Feature	Value	Unit	Notes
1	Rated voltage	48	V	
2	Capacity	5.8	Ah	
3	Charging time	3.5	h	Time to charge a completely discharged battery

C. FLY RACE BATTERY (2.9 Ah)

#	Feature	Value	Unit	Notes
1	Rated voltage	48	V	
2	Capacity	2.9	Ah	
3	Charging time	1.0	h	Time to charge a completely discharged battery

17.8 MAIN FEATURES

#	Feature	Value
1	Traction type	Electric
2	Brake	Disc (diameter 160 mm), mechanical
3	Type of use	Outdoor and indoor

18. DISPOSAL OF THE DEVICE

	Disposal of the equipment inside the KCLICK devices must absolutely comply with regulations of the country in which the devices will be disposed of. KLAXON is not responsible for disposal that does not comply with the specific local regulations in force.
	Recycling of Li-Ion batteries depend from national regulations, ask your Klaxon Dealer for your country rules.

19. PRODUCT WARRANTY

The warranty period is 24 months for the traction device and 12 months for the batteries, starting from the delivery date of the device.

Natural wear and tear of parts is not covered by the warranty, except for improper wear due to a manufacturing defect.

If a defect occurs during the warranty period, KLAXON will, at its discretion, repair or replace the defective component.

The manufacturer assumes no liability for damages caused by negligence, careless use and maintenance, tampering or incorrect maintenance performed by unauthorised persons, or for failure to follow the instructions for use set out in this Manual.

20. FREE WHEEL/PUSH OPTION

The front wheel has a brushless motor that can rotate freely when turned off. Manual operation and pushing are both possible, without any problems, if the motor cannot be used for propulsion. When coupled to a wheelchair, the unit consisting of the wheelchair coupled with the Klick device can therefore also be pushed manually without any additional impediment. When activated, the mechanical braking system ensures a safe braking action even when the device is switched off or inoperative. Alternatively, the Klick device can also be detached from the wheelchair.

21. PROPERTY TRANSFER

If the KCLICK device has been provided by a medical insurance or national sanitary system and is not needed anymore, please contact the involved insurance company, local sanitary system or your local Klaxon Dealer. This action will lead to the assignment of the KCLICK device to a new owner.

Everytime the KCLICK device changes owner, even in the case of transfer of property through private negotiations, it must undergo maintenance and disinfection prior its first use. Please contact an authorized Klaxon Dealer to perform the maintenance. Please follow the correct cleaning and disinfection procedures as explained on the chapter 14 of the present manual.

22. ORIGINAL TEXT

This document is a translation of the original version written in Italian. Please note that in case of discrepancies between the two versions, the Italian version will be the one considered as official and valid. The Italian version of this manual is available at www.klaxon-klick.com.