

E-Bikeboard

User Guide

The E-Bikeboard has been tested according the following standards:



EN 55014-1: 2000 + A1: 2001 + A2: 2002
EN 55014-2: 1997 + A1: 2001, including:
IEC 61000-4-2: 1995 + A1: 1998 + A2: 2000
IEC 61000-4-3: 2002 + A1: 2002
IEC 61000-4-4: 2004
IEC 61000-4-5: 1995 + A1: 2000
IEC 61000-4-6: 1996 + A1: 2000
IEC 61000-4-8: 1993 + A1: 2000
IEC 61000-4-11: 2004
EN 61000-3-2: 2000 + A2: 2005 Class D
EN 61000-3-3: 1995 + A1: 2001 + A2: 2005

*Thank you for choosing the E-Bikeboard. Please read this manual carefully and always follow the safety instructions, when operating the E-Bikeboard. **Failure to read, understand, and follow the safety instructions contained in Section 1 may result in serious injury and/or death.***



WARNING!: You must read, understand and follow all the instructions contained in this manual prior to the first ride with the E-Bikeboard.



WARNING!: Failure to read, understand, and follow the safety instructions contained in section 1 may result in serious injury and/or death.

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Technical details with regard to the information and figures in this User Guide are subject to change.

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Attention:
It is essential to read this



The E-Bikeboard is a completely new kind of transportation. Even though keeping it balanced on three wheels is easy, the risk of injury from loss of control, collisions and falls will always be present. It is your responsibility to learn how to safely use the E-Bikeboard and to become familiar with your local legislation and rules to reduce the risk of injury. Additionally, it is in your responsibility to inform any other riders of your E-Bikeboard of the rules and guidelines within this User Guide to prevent any dangerous situations for them or for others.

This User Guide is designed to help you understand how to use the E-Bikeboard.

ALWAYS FOLLOW THE RULES OF NATIONAL AND STATE LAW!

The E-Bikeboard does not comply with any international regulation for safety of motorized vehicles on public roads. Therefore, always follow the locally applicable legislation about the use of the E-Bikeboard on public roads and public places. In some countries it is forbidden to use the E-Bikeboard in public areas. If you are uncertain regarding the local legislation, contact your local authorities for information or contact your local E-Bikeboard dealer (find contacts on our homepage).

For riding the E-Bikeboard on private property, always obtain permission from the owner to do so.

Should it be required by law, you must carry a valid driver's license that is locally accepted for riding the E-Bikeboard.

Make sure you are covered with locally required insurance for both you and your E-Bikeboard when riding the E-Bikeboard.

1 Important safety instruction

1.1 Basics

Always follow these safety instructions and rules for the use of the E-Bikeboard. Bikeboard AG and Bikeboard North America cannot be held responsible for injury, loss or damage that is directly or indirectly caused by the E-Bikeboard if the following instructions are not read, followed and understood.



Failure to read and to follow these safety instructions may result in serious injury and/or death.

- Owner of the E-Bikeboard must ensure that all safety labels are in place and understood by the operator.
- Owner of the E-Bikeboard shall allow the use and operation of E-Bikeboard only after a demonstration that ensures that the rider understands the operation of all components of E-Bikeboard before use. The owner should make certain that all operator's fully read, understand and follow the warnings and instructions that accompany E-Bikeboard.
- Operator of the E-Bikeboard should always wear suitable protective gear for the head, face and body. Helmets should be either **DOT or SNELL certified**. Arm, elbow, knee, and shin guards, as well as, chest protection, should be worn when operating the E-Bikeboard.
- Keep hands, feet, hair, body parts, clothing, or similar articles away from moving parts, wheels, or drivetrain, while the engine/motor is running.
- Never use the speed grip before you are standing with both feet on the E-Bikeboard platform and you are fully ready to ride.
- No horseplay.
- No piggybacking (one rider at a time).
- Use the E-Bikeboard only on streets, roads, sidewalks and places where its use is permitted by law.
- Do not use the E-Bikeboard when road and weather conditions do not allow for safe use of the E-Bikeboard. Never ride on snow, ice or greasy surfaces (i.e. oil), in heavy rainfall or with poor visibility (i.e. with fog). Wet and icy weather impairs traction, braking, and visibility.
- Do not use the E-Bikeboard in water. E-Bikeboard should never be driven through standing water under any circumstances.
- Where riding at night is allowed, never ride without switching on the E-Bikeboard's light.
- Do not ride on stairs or through revolving doors with the E-Bikeboard.

- The E-Bikeboard should not be operated to perform racing, stunt riding, or other maneuvers, which may result in loss of control, or may cause uncontrolled operator actions or reactions.
- Adjust your riding style to your ability. The E-Bikeboard is to be operated in a safe and suitable manner.
- Do not use this product if it has loose, damaged or missing parts.
- Use the E-Bikeboard only when in full possession of your physical and mental faculties. – Individuals with the following conditions are cautioned not to operate E-Bikeboard. Those with:
 - Heart conditions;
 - Pregnant women;
 - People with head, back, or neck ailments, or prior surgeries to those areas of the body; and
 - People with any mental or physical conditions that may make them susceptible to injury or impair their physical dexterity or mental capabilities to recognize, understand, and perform all of the safety instructions and to be able to assume the hazards inherent in unit use.
- Do not operate the E-Bikeboard under the influence of drugs, alcohol, or prescription medications that may cause drowsiness, or affect balance and judgment.
- The E-Bikeboard should not be operated by any person under the height of 150cm (5'0") and above the height of 200cm (6'5").
- The E-Bikeboard should not be operated with a weight (person and load) of more than 150kg (330 lbs).
- When going downhill with the E-Bikeboard or in other similar circumstances, you should never go faster than 35km/h (22mph). Use the brake or push the E-Bikeboard when in a steep descent.
- The brake system gets very hot during braking, don't touch it during or immediately after use.
- The E-Bikeboard should not be operated by any person under the age of 16, and outside of North America under the age of 14. This is the case as long as there is no legislated higher limit in your jurisdiction.
- Do not, on your own, modify the E-Bikeboard from the manufacturer's original design and configuration. All repairs and/or modifications should be performed by a licensed E-Bikeboard dealer or trained technician.
- The E-Bikeboard owner must maintain all components and have them repaired in accordance with Bikeboard's specifications and use only Bikeboard authorized replacement parts with installation performed by dealers or other skilled persons.



Failure to follow the above warnings may result in serious injury or death.

Also, please make sure that you obey the following rules:

- Learn how to operate the E-Bikeboard in emergency situations (fall, faulty parts or equipment); always be alert and ready to braking.
- Be considerate of others.
- Check all fastening elements thoroughly prior to using the device to make sure they are tight (bolts, quick release clamp, folding mechanism for stem and platform, etc.).
- Always be careful not to let the E-Bikeboard travel without an operator. This could cause injury to other people and damage to the device or it could lead to loss of the E-Bikeboard.
- Make sure no battery key is in when riding the E-Bikeboard. Both batteries must be firmly locked onto the frame and both keys must be taken off the battery for riding.
- Lock the E-Bikeboard and remove battery keys and remote control key when parking it. Secure it with a good lock.
- Operators shall adhere to all Bikeboard's recommendations and instructions, as well as comply with all local, state and federal/national laws and ordinances that pertain to the use of motorized scooters.

1.2 Protection equipment

For maximum safety, it is very important to wear good protective gear when riding the E-Bikeboard. Please observe the following instructions and recommendations:

Recommended protective gear:

- Helmet with chin protection: either **DOT or SNELL certified**.
- Good, sturdy footwear. (No heels, open-backed shoes, or flip-flop type shoes should be worn while operating E-Bikeboard)
- Arm, elbow, knee and shin guards as well as chest protection

Caution: Additionally, always inform yourself about local regulations regarding the use and wearing of protection equipment on public roads and places; in some countries / states, it is mandatory to wear a helmet at all times.

2 Introduction of the E-Bikeboard

The E-Bikeboard is a specialty 3-wheeled electric scooter that provides the rider with a unique carving sensation when riding around curves. The 500/1000 watt hub drive system is powered by two modern, rechargeable lithium polymer batteries. At a maximum speed of up to 35km/h (22mph), it has a range of up to 60km (37mi) and manages an incline of up to 13% with a 150kg (330lbs) load (driver and load included), depending on the E-Bikeboard model, load and terrain. The E-Bikeboard is not only silent and highly ecologically friendly, it also offers numerous new uses for modern urban mobility.

3 Use of the E-Bikeboard

The E-Bikeboard does not comply with any international regulations for safety of motorized vehicles on public road. Therefore, always follow any locally applicable legislation about the use of the E-Bikeboard on public roads and in public places. In some countries it is forbidden to use the E-Bikeboard in public areas. If you are uncertain regarding local legislation in your area, contact your local authorities for information or your local E-Bikeboard dealer (find contacts on our homepage).

For riding the E-Bikeboard on private property, make sure you obtain permission from the owner to do so.

Should it be required by law, you must carry a valid drivers license that is locally accepted for riding the E-Bikeboard.

Make sure you are always covered by all locally required insurances for both you and your E-Bikeboard when you are riding the E-Bikeboard.

WHO can ride: People who are at least 16 years of age within North America and at a minimum of 14 years of age outside of North America. Check with local legislation what the minimum age is for riding the E-Bikeboard if it is different to the above. The maximum weight (driver plus luggage) is limited to 150kg (330lbs).

The E-Bikeboard's design is such that a rider needs to be a minimum height of 150cm (5'0") and a maximum height of 200cm (6'5"). The rider must be capable of safely riding a bicycle on his/her own.

WHERE is it allowed: On roads and paved places where the use of E-Bikeboard is allowed by legislation. With the types S500X/MX only on paved roads and places with an even surface, such as i.e. asphalt, concrete, evenly placed flagstones, sports field pavement, etc. The type K1000 can also be used on dirt roads which are in good condition for driving, on even lawns or beaches with compact and no loose sand. Always pay attention to the locally applicable legislation about the use of the E-Bikeboard on public roads and public places. If you are uncertain regarding your local legislation, contact your local authorities for information or your local E-Bikeboard dealer (find contacts on our homepage).

Typically bicycle lanes and side roads with low traffic (where the E-Bikeboard is legally allowed to be used) are suitable for riding the E-Bikeboard.

HOW to use it: At all times the E-Bikeboard should only be used while wearing the appropriate protection i.e. such as used for inline skating. Section 1.2 "Protection equipment" should be read for more information.

WHEN can it be used: During the day and at night after safe handling of the E-Bikeboard has been learned. Follow local regulations regarding legislation for using the E-Bikeboard at night.

If you are uncertain regarding the local legislation for the use of the E-Bikeboard at night, contact your local authorities for information or your local E-Bikeboard dealer (find contacts on our homepage).

Web-Tip: Check out our video clip on our homepage: www.bikeboard.com. The clip covers topics such as transportation and riding technique. In addition, you will find further useful tips and suggestions and always be kept up to date on everything to do with Bikeboard.

4 Code of responsibility

The E-Bike boarding can be enjoyed in many ways. Regardless of where you decide to enjoy the E-Bikeboard, operators should always show courtesy to others while operating the E-Bikeboard. Operators should be aware that there are inherent risks of injury while E-Bikeboarding. Following the instructions contained in this manual, and using common sense and personal awareness can help reduce these risks.

Adjust your riding style to your ability, the road and traffic conditions and to the weather. E-Bikeboard is to be operated in a safe and suitable manner. Always follow the locally applicable legislation about the use of the E-Bikeboard on public roads and public places.

In public, park the E-Bikeboard only where parking is officially allowed.

5 Riding the E-Bikeboard

5.1 How the E-Bikeboard operates and ways it could fall

Despite its three wheels, the E-Bikeboard may at first appear unstable when you stand still on it and it is not running. The reason for this is that the carving axle in the rear must be highly flexible (suspension and pivot). However once the E-Bikeboard starts running the feeling of instability will "disappear" due to the rotation of the front wheel.

Ride the E-Bikeboard in an upright position, equipped with suitable protection equipment (See section 1.2 "Protection equipment"), with both hands on the handle bar and both feet firmly on the platform. The eyes must be directed forward onto the road ahead of you.

Whenever using the E-Bikeboard, abrupt changes of direction have to be avoided – uncontrolled acceleration, unnecessary and full brake application and fast driving through curves are dangerous and can lead to loss of control, collisions, and falls.

Even though the E-Bikeboard with its 3 wheels provides a very secure and safe standing platform, it is easy to slip, tip over or simply trip over something. To reduce the risk of injury, areas or surfaces which can make the driver and the E-Bikeboard slip must be avoided.

As described in this manual, new riders must learn to handle all special characteristics of the E-Bikeboard and make training rides in a safe place or road that has low traffic and good, even and non-slippery surfaces. Stay away from traffic or foot passengers when you are learning.

5.2 Loss of traction leads to falls

Slippery surfaces such as wet,, icy or snow covered areas must be avoided. Even walking on slippery surfaces has the potential to make people slip and fall and the risk of injury is very high. The same risk exists if the E-Bikeboard is driven on slippery surfaces. The E-Bikeboard can lose its grip and slide in an uncontrolled manner and cause a fall and/or an injury. To be safe, any slippery surface such as wet floors, snow, ice, wet grass, oily spills or any other surface which does not provide a proper grip for the tire should be avoided. If crossing such an area is unavoidable the E-Bikeboard should be driven or pushed very carefully to prevent loss of control of the vehicle.

5.3 Avoid steep slopes

Going down or uphill on steep slopes special care should be taken. To be safe, driving down or up slopes should be avoided or the E-Bikeboard should be pushed to overcome the steep slopes. The E-Bikeboard is designed for a maximum speed of 35km/h (22 mph).

5.4 Avoid holes, curbs, steps, and other obstacles

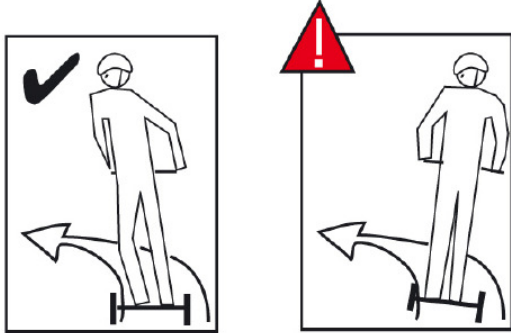
If a person unexpectedly strikes an obstacle, it is very likely that tripping and falling is unavoidable. The same will happen if the E-Bikeboard strikes an obstacle such as a curb, steps, walls, holes or other obstacles. Striking, driving into or over obstacles should be avoided at all times in order to prevent injury to the driver and to others. The driver should always bear in mind that the carving axle is wider than the E-Bikeboard front part, and that when driving a tight radius the carving axle will not follow the E-Bikeboard front wheel exactly.

5.5 Be careful on terrain changes

Special care is required when driving over any terrain change such as from pavement to grass or over a threshold or speed bump. Every terrain change is a potential obstacle and may require changing the driving style.

5.6 Lean into turns

When driving the E-Bikeboard through a bend, the body must be brought into an inclined position as one would on a bicycle or motor bike. If driving across a slope the driver must balance the inclination by leaning his/her body uphill. Special care must be taken if the surface is not in perfect condition.



6 Rules for safe riding to prevent injury

Attention! The E-Bikeboard is very easy in its operation and can lead, especially in the starting phase to the rider becoming overconfident. If the rider exceeds the E-Bikeboard's ability to balance by driving over obstacles, uneven terrain, slippery surfaces, loose materials, or steep slopes, loss of control can very quickly lead to collisions, falls, and injury. As with any other vehicle, using an E-Bikeboard exposes you to risk of injury. The risk of injury can not be eliminated, but can be reduced by following all the guidelines, instructions and warnings provided within this User Guide and local legislations applicable for vehicles and their use. Whenever the E-Bikeboard is used these guidelines should be followed:

1. **Read this User Guide first.** Do not allow anyone to use the E-Bikeboard unless they have carefully read this User Guide or have been instructed by you.
2. **Protection Equipment.** Always ride the E-Bikeboard with proper protection equipment. You must read and understand section 1.2 "Protection equipment" that describes all the recommended equipment.
3. **Recognize beginners or unsafe users:** The safety of beginners is your responsibility. Do not allow anyone to use the E-Bikeboard for the first time unless you are there to assist. Watch and assist beginners until they are comfortable with the basic operation and use of the E-Bikeboard. Don't let beginners operate the E-Bikeboard outside of your direct supervision unless they have read this User Guide or have been instructed by you.
4. **Pre-ride inspection:** Prior to each use the functionality of the E-Bikeboard should quickly be checked. Do not use if any part is loose or damaged or if the brakes do not work properly. It must be correctly assembled and made ready for safe use; read section 7 "From the smallest transport dimensions into ready for use" for more information.

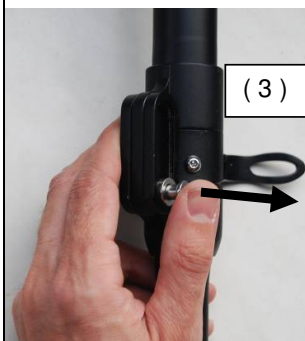
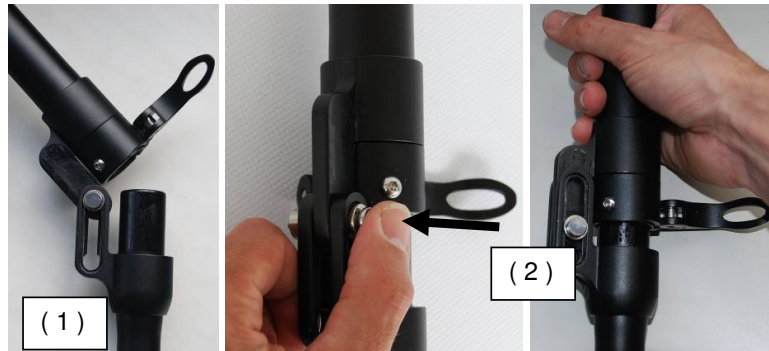
5. **Don't risk it:** Adjust your riding style to your ability. When the rider encounters a slope, uneven terrain, or other terrain feature with which he or she is not experienced or that makes her or him at all concerned about safety, the risk of driving over it should not be taken.
6. **Both hands and both feet:** Both hands should be kept on the grips and both feet should be kept on the platform while driving the E-Bikeboard. Carrying any object in your hands is dangerous and can lead to serious injury. Use the E-Bikeboard's carrier for transporting of objects.
7. **Watch those turns:** Always turn slowly and with caution. Fast turns can lead to loss of control, falls and injury. Driving through turns always requires leaning into the turn to maintain balance.
8. **Watch the height:** Because of the added height of the E-Bikeboard platform (and the driver's helmet) special care must be taken when driving indoors and through doorways, archways, branches, signs, or other overhead obstacles because of the additional height.
9. **No passengers.** The E-Bikeboard is for one rider ONLY. It is forbidden to carry more than one person on the E-Bikeboard.
10. **No Stunts.** The E-Bikeboard is not developed for any type of tricks, stunts, or racing.
11. **The E-Bikeboard is no medical device.** The E-Bikeboard has not been designed, tested or approved as a medical device. The driver must under all circumstances be capable of driving a bicycle without any assistance or training wheels.
12. **Never ride on stairs or through revolving doors.** Riding on stairs is extremely dangerous, as is riding on escalators and through revolving doors.
13. **Night and light.** Do not ride the E-Bikeboard in low visibility conditions without a light. To ride safely, the driver must be able to see clearly what is in front of him and the driver must be visible to others.
14. **Be prepared to stop.** At any point in time during the use of the E-Bikeboard without lights, the driver must be alert and prepared to stop. Special care must be taken as soon as other people or vehicles are close by.
15. **Be alert.** As with any other vehicle, the driver must be mentally alert to safely ride an E-Bikeboard. Never allow anyone to ride if they are ill or cannot fully comply with the instructions and warnings in this guide. Never let anyone use the E-Bikeboard under the influence of alcohol or drugs.
16. **Avoid distractions.** It is forbidden to use a cell phone, listen to headphones, or engage in any other activity that might distract or interfere with the ability to monitor the surroundings while driving. The alertness of the driver must be exclusively for driving ONLY.

17. **Transport of luggage / maximum load.** Carrying luggage is only permitted on those devices provided by Bikeboard for that purpose (carrier, tip case, tool box). Carrying objects on the platform is not permitted. The maximum weight of 150kg (330lbs) is applicable for driver and load and should never be exceeded. If the E-Bikeboard is overloaded the risk of accidents and injury to the driver or others is very high and such damage will not be covered by warranty.
18. **Risk of injury:** Turning wheels are a high risk for injury. Hands, fingers, toes and feet should under no circumstances be close to turning wheels. To prevent injury, never touch any moving or turning parts. Special precaution must be used when folding up the folding stem (into the riding position) as well as when folding out the platform (for the riding position). You risk injuring fingers, hands, other parts of your body or someone else when folding out or in the stem or platform.
19. **Caution Electricity!** Caution, there is a high risk of getting injured when working with voltage, current and turning parts. Therefore, always first disconnect the batteries and remove them from the frame (unlock with key, remove the battery completely over its guiding rail). Any repair or maintenance work should only be carried out by trained personnel.
20. **Avoid submersion.** Do not submerge the battery packs or the E-Bikeboard itself in water. Avoid exposure to heavy downpours or extended periods of heavy rain (including during driving, storage, or while being transported). To clean the E-Bikeboard with water, first remove the battery packs. Water could cause a short circuit, which could lead to injuries of people and damage to the E-Bikeboard. To clean the battery packs, use a damp cloth only. Insert the battery packs only when the battery contacts on the E-Bikeboard are completely dry.
21. **Do not remove, modify or alter any components of the E-Bikeboard.** Any modification can cause malfunctions and the loss of warranty claims. Modifications can be dangerous and lead to serious injuries.

7 From the smallest transport dimensions into ready for use

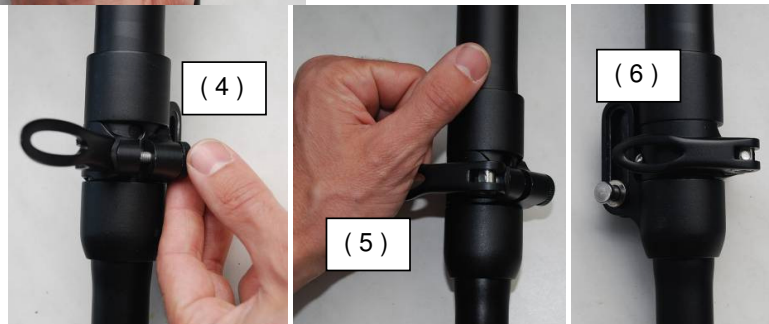
First you need to insert the batteries, fold up the handle bar and fold out the rider's platform as explained as follows:

1. Folding up the handle bar – With folding stem type 1



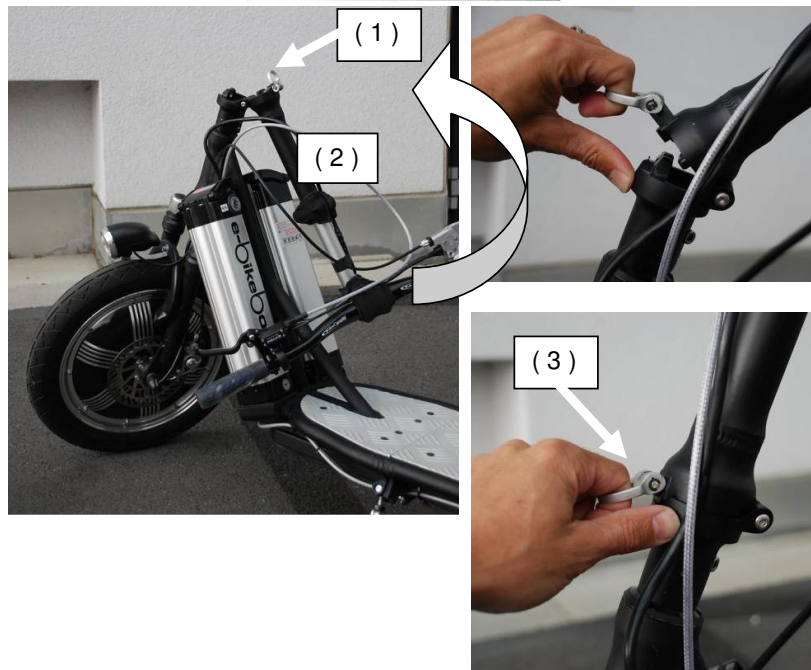
Fold up the stem with the handle bar (1) so that it becomes parallel with the cylinder below (2); push the safety lock button down fully and push down the stem at the same time until the safety lock button pops out again (3).

Pull the stem up again to check if the stem sits firmly on the cylinder; the stem should not move up if the safety lock button sits correctly in its lock position (3).



Adjust the counter nut (4) of the quick release until you feel a strong pressure when closing the quick release (5), and you are barely able to push it down onto its arrester (6).

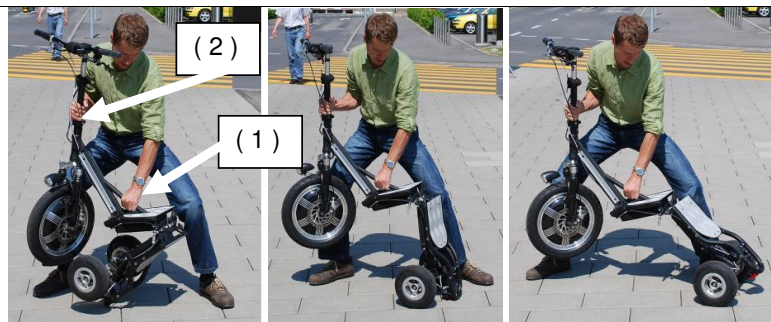
2. Folding up the handle bar – With folding stem type 2



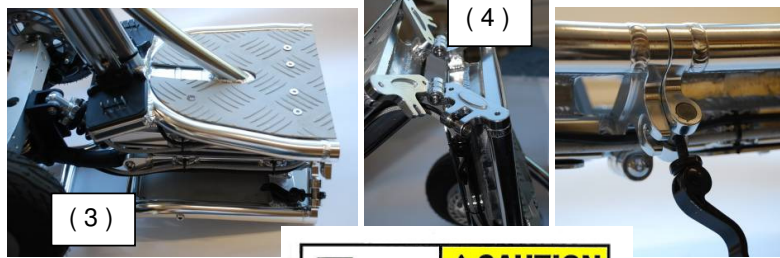
Pull the locking cone (1) on its handle, fold up the stem with the handle bar (2) and release the locking cone again when the stem is in a fully upright position (3). Verify that the locking cone is pulled in completely (3) by the spring so that the pivot is firmly closed. Pull back and forth on the handle bar to verify that the lock is tight and without a gap.

3. Folding out the platform

Fold out the platform and close the quick releases on both sides of the platform.

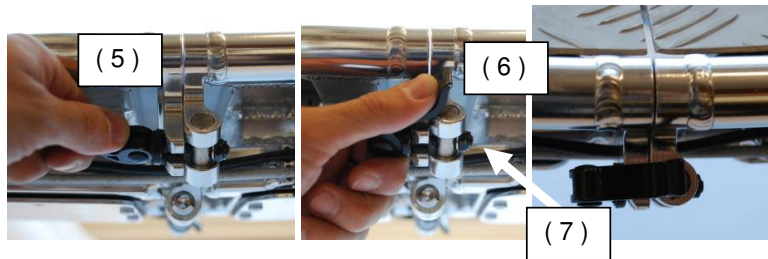


For folding out the platform, always hold the E-Bikeboard as shown on the photos above: **One hand holds on the diagonal tube (1), the other one holds on the stem (2) or on the handle bar.**



Fold out the rear part of the platform (3) by 180°, so that the two parts form an entire platform and the E-Bikeboard stands solidly on all three wheels on the ground.

Caution: Keep your fingers, hands or other parts of your body away from the pivot (4) when folding out the platform; you could get seriously injured.



Bring the quick release handle (5) into a horizontal position and turn it around until it stops in position (6); You must feel some pressure when doing this in order to be sure the lock will stay firmly closed. Should this not be the case, tighten the counter nut (7) until you can feel the correct pressure when closing it.

4. Insert both batteries over their guiding rails.



CAUTION
Pinch Point
The latch must be completely engaged

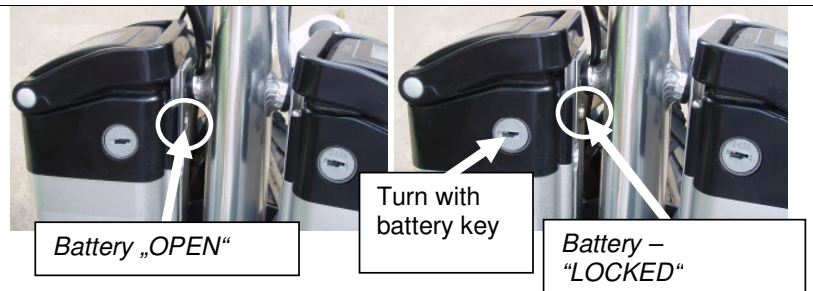
Keep hands off the battery rail during insertion and removing the battery!

Insert the battery carefully, with the lock facing the driver, carefully over their guiding rail (1) and let it slide slowly downward. Make sure no cable or hose hampers it from doing so (2). Approx. 12mm (0.5 inch) before the lower arrest, slide the battery carefully over the electric battery contacts (3), pull the battery down carefully but firmly until its lower limit.



Caution: Always use the right battery on the right side (seen out of the view of the rider) and left battery on the left side. The batteries are marked on their cover, the left one with an "L" at the beginning of its number, the right one with an "R". You must always use battery sets of the same serial number together (i.e. R455 with L455).

5. Lock the battery onto the battery guiding rail by turning on the battery key until you reach the "LOCKED" position



Should the lock not close mechanically, push the battery down at the same time and try again. Never operate the key with lots of force; it could break off or bend!

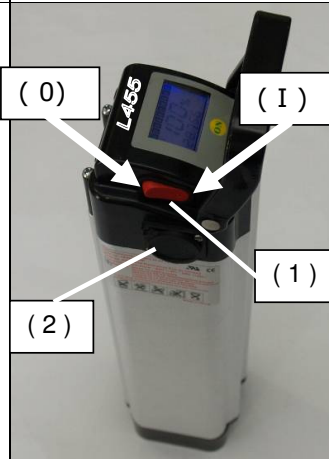
Remove keys when batteries are locked onto the frame (for safety and theft protection); the battery stays on the E-Bikeboard frame and can not be removed without damaging it.

Caution: The key should only be used for locking or unlocking the battery; **never ride with a key inserted!**

When riding the E-Bikeboard, the batteries must be locked onto the frame. If not, the batteries could slip off the battery contacts when riding over slightly uneven surfaces. This could damage the battery or its contacts and it could lead to interruption of propulsion.

6. Switching on the battery

With the red toggle switch, both batteries must be switched on electrically.



Red toggle switch (1):

(1) = Battery switched on

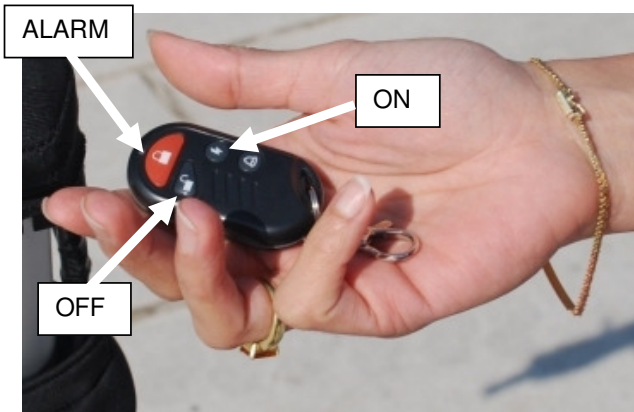
(0) = Battery switched off

Caution: The rubber protection cap (2) must cover the charging socket at all times when riding the E-Bikeboard. There is a risk of short circuiting the battery when the socket is not covered. This could cause injury and damage to the battery.

8 The first ride

When the rider has read and understands all safety and operating instructions, prepare for the first ride according the following steps:

- Verify that the E-Bikeboard is correctly assembled and that no parts appear to be wrong or loose.
- Verify that both batteries are fully charged and locked onto the frame
- Verify tire pressure: You can do this with your hands; information about correct tire pressure can be found in section 13 "Maintenance".
- Verify correct functioning of the brake system (activate each brake lever and verify correct functioning by trying to push the E-Bikeboard with your foot)
- Select an appropriate area for the first ride away from all traffic and other people.
- The driver should wear helmet and other protection equipment as described in section 1.2 "Protection equipment".
- Before your first ride, verify that the folding stem of the handle bar is folded up correctly and its lock is firmly closed. Read section 7 "From the smallest transport dimensions into ready for use".
- Before your first ride, verify that the rider's platform is folded out correctly and its lock is firmly closed. Read section 7 "From the smallest transport dimensions into ready for use".
- Make sure both batteries are switched on with the red toggle switch. Read section 7 "From the smallest transport dimensions into ready for use" and 5 "Switching on the batteries".
- The E-Bikeboard must only be switched ON/OFF with remote key:



Switching ON:

Press 2 x short "ON" (pause 0.5s in between);

Switching OFF:

Press 1 x "OFF"

Alarm ON:

When switched off, press 1 x "ALARM"

Alarm OFF:

Press 1 x "OFF"



Caution: Never use the speed grip when you are not standing with both feet on the E-Bikeboard, ready to ride. This could lead to uncontrolled actions and reactions opposite to the intent. You or other people could get seriously injured or you may cause severe damage to other objects.

- When switching the E-Bikeboard ON with the "ON" button, you hear a sound as well as when pressing the "OFF" button.
- When the E-Bikeboard is switched on, stand with both feet on the platform. Release the parking brake (see section 8.1 "Parking the E-Bikeboard").
- Start the ride by slowly turning down (anti-clockwise) on the speed grip that is located on the right side of the handlebar.
- The more you turn down the speed grip, the faster the E-Bikeboard will go.
- To stop, turn back (clockwise) the speed grip to its zero position and use both brakes to slow down. Only step off the E-Bikeboard when it is at a complete stop.
- For safe use and to prevent any injuries start slowly start trying. Practice to turn and the use of the brakes.

AT ALL TIMES DURING THE USE OF THE E-BIKEBOARD THE DRIVER MUST BE AWARE OF OTHER PEOPLE – ANY OTHER TRAFFIC – OBSTACLES OF ANY KIND – ROAD SURFACE – ANIMALS OR ANY OTHER FACTORS WHICH COULD CAUSE DANGEROUS SITUATIONS.

8.1 Parking the E-Bikeboard

The E-Bikeboard is designed so that it normally stands upright all the time without using a stand. To ensure that it does not inadvertently move, the park brake must be activated (type S500MX has this feature on both brake levers):



Park brake front wheel released



Park brake front wheel activated

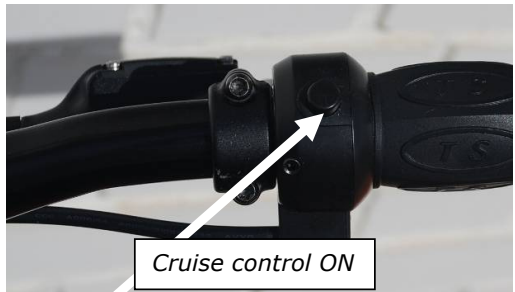
Pull the lever, press the knob in, release the lever before releasing the knob. . Make sure the knob remains inside and verify the functioning of the brake by trying with your foot to push forward the E-Bikeboard.

For theft protection, use a motorbike lock to tie the E-Bikeboard (through its diagonal tube from platform to centre tube) onto some structure / post or whatever is provided for this purpose where it can't be removed.

8.2 More control equipment



Horn / Light Switch ON – OFF



Cruise control ON

Cruise control: Press the black button while riding and the E-Bikeboard will continue at the selected speed without activating the speed grip. Deactivate cruise control by pressing the black button again or by activating a brake lever (not possible on type S500MX)

9 Batteries

9.1 Basics

The batteries used on the E-Bikeboard, are a Lithium Polymer type. These batteries are designed using the latest technology for high power density, low weight and for long life.

Before using the E-Bikeboard for the first time, please charge both Batteries until the green LED on the charger unit lights up (approximately 4.5 hours). After charging the batteries, check its capacity with its local operator interface by pressing the "ON"-button of the tester. The display is located on the top of the battery when it is properly attached to the E-Bikeboard. The digital capacity indication shows 100% load when the battery is fully charged and 0% when the battery is completely discharged.

9.2 Battery operator interface

The LCD display of the local battery operator interface has 5 different performance data indications which it displays sequentially by repeatedly pressing the "ON"-button located next to the display. Each of the 5 different displays shows a bar graph on the top and a percentage value in the middle. Both indicate the remaining battery capacity, starting from a value of min. 10'000mAh and declining.

On the last line of the display, you'll see the following performance data upon pressing the "ON"-button (each push of the button activates the backlight of the display for 5 seconds and afterwards the light disappears. The same indication remains still easily readable in daylight):



1 x ON:
Battery-Capacity-indication in mAh



2 x ON:
Calculated, **remaining ride time** in min.; after charging, an irrelevant theoretical high value is displayed



3 x ON:
Actual **voltage** of the battery in Volts



4 x ON:
Actual **current** in amps: neg. prefix = operating current; no prefix = charging current



5 x ON:
Number of **load cycles** the battery has accumulated already



6 x ON:
Display off. One more push on the button restarts with capacity indication

9.3 The battery in its operation

The digital battery operator interface on the top of the battery shows the approximate remaining battery capacity at any time, as well as more actual performance data (as explained above) when pressing the test button. Never check the battery while you are riding, you must be at a complete stop when doing so.

9.4 Charging of the batteries:

To charge the battery, it is preferable to take them off the E-Bikeboard first: Turn battery key lock into position "UNLOCKED". The key lock should turn easily. Should this not be the case, verify the position of the battery, it has possibly moved slightly during riding which causes some pressure on the key lock. If this is this case, try to push or pull the battery into a position in which the key lock turns easily. You can now fold up the handle and pull the battery by its handle out of the rails. You may prefer to charge the battery directly on the vehicle. If you do so, you must first switch off the battery with its red toggle switch; see section 7 "From the smallest transport dimension into ready for use" for further instructions before you proceed the same way you would have if you had pulled them out.

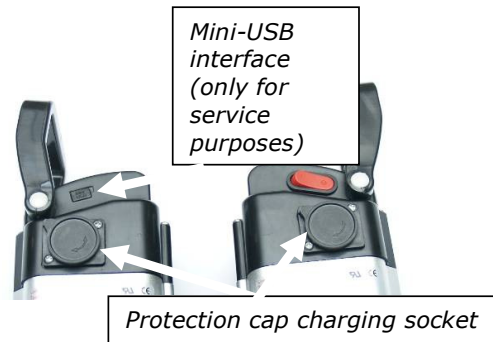
First open the protection cap of the charging socket at the battery. Then connect the battery plug of the charger into the battery charging socket and the charger's power cable into a standard socket-outlet (110 ... 240Vac / 50 or 60Hz). Charge the battery until the charger's status LED turns from red to green. This may take 4.5 hours. After both batteries are fully charged, verify their status on the local operator interface by pushing the test button on the top of the battery. With full capacity, the digital display shows 100% charge and min. 10'000mAh and the maximum voltage is then approx. 29.4V (a new battery may already indicate 100% capacity and max. mAh at a lower voltage due to the additional capacity it has at the beginning).

ALWAYS CHARGE BOTH BATTERIES TOGETHER AND USE ONLY AN ORIGINAL BIKEBOARD CHARGER.

At the end of battery charging, you need to once again cover up the charging socket with the black protection cap. This is important as there is always full battery voltage on the pins of the charging socket. The protection cap prevents accidental short circuiting on the pins and keeps the charging socket clean.



- LED green = end of charging
- LED red = in the process of charging



The protection caps of the charging socket and the mini-USB socket must be closed at all times



Opened protection cap of charging socket before connecting charging plug



Connected charging plug

Caution: Do not combine batteries with different charge levels on the same E-Bikeboard. i.e. one fully charged battery with one partially discharged battery. This harms the battery and reduces its lifetime. When you have more than one E-Bikeboard in use, make sure not to mix battery packs. The two batteries belonging to one set are marked with the same set-number on the top of the cover, together with the letters "L" for left "R" for right (i.e. L455 and R455); those two batteries must always be used together.

Follow all safety instructions regarding the handling of the batteries, including the following:

- Only charge with approved, original Bikeboard battery charger.
- Use only within temperature range of -20°C (-4F) and 60°C (140F). Do not expose batteries to high heat.
- Do not let children play with the battery.
- Do not put the batteries into a microwave.
- Do not open the battery.
- Do not expose battery to an open flame.
- Do not use the battery in water.
- Do not throw it into the garbage; for proper disposal of the batteries see section "15 Disposal".
- Be careful when operating key of battery lock.
- Never ride with key still inserted.

10 Transport

Depending on available space, you can easily transport the E-Bikeboard in almost any car with the handle bar folded down and the platform folded as well. Whenever transporting the E-Bikeboard, you must first remove the battery packs from the frame. For instructions see section 7 "From the smallest transport dimensions into ready for use".

To transport it with an airline, make sure you research safety regulations in regard to the transport of Li/Po batteries. There might be some restrictions, depending on the airline you are flying with.

11 Storage

Please store the E-Bikeboard in a dry place. Temperature should not be higher than 60°C (140°F) nor drop below -20°C (-4°F) at any time. Keep in mind that, in particular, the batteries are sensitive to higher temperature.

12 Technical features

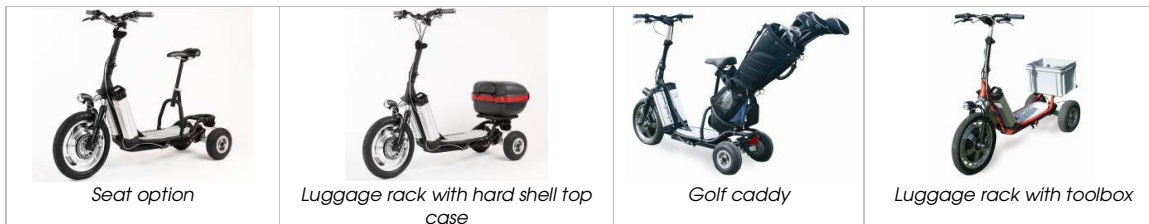
The E-Bikeboard has the following technical features:

| | S500X / S500MX | S1000 | K1000 |
|----------------------------------|---|--|--|
| Motor | Hub motor, 53V – 500W | Hub motor, 53V – 1000W | Hub motor, 53V – 1000W |
| Batteries | 2, Type Li/Po 26.5V, min. 500 charging cycles | 2, Type Li/Po 26.5V, min. 300 charging cycles | 2, Type Li/Po 26.5V, min. 300 charging cycles |
| Distance per battery charge | 60km (37mi) | 40km (25mi) | 35km (22mi) |
| Energy consumption | From 1.0kWh/100km (62mi) | | |
| Battery charge time | 4.5 hours, 80% charged after 3 hours | | |
| Maximum speed | 25km/h (15mph) *) | 31km/h (19mph) *) | 35 km/h (22mph) *) |
| Maximum load capacity | 150kg (330lbs) (rider and load) | 150kg (330lbs) (rider and load) | 150kg (330lbs) (rider and load) |
| Climbing power | 12% with 120kg (265lbs) load capacity (rider and load) | 13% with 150kg (330lbs) load capacity (rider and load) | 13% with 130kg (285lbs) load capacity (rider and load) |
| Brakes | Rear: hydraulic double disc brakes (S500MX 2 x mechanic disc brake) Front: mechanic disc brake (S500MX none) | | |
| Frame with built-in luggage rack | Aluminum, folding in the middle, corrugated aluminum base | | |
| Frame color | Matt black, polished aluminum, red | | |
| Suspension | Front: suspension fork Rear: special suspension system with shock absorber | | |
| Wheels | 16" front wheel, 4" rear wheel rim | 16" front wheel, 4" rear wheel rim | 18" front wheel, 6" rear wheel rim |
| Total vehicle weight | 25kg (55lbs) plus 5.9kg (13lbs) for 2 Batteries | 27kg (60lbs) plus 5.9kg (13lbs) for 2 Batteries | 30kg (66lbs) plus 5.9kg (13lbs) for 2 Batteries |
| Pack mass | Folded dimensions: 67 x 63 x 75cm (26 x 25 x 30in) | Folded dimensions: 67 x 63 x 75cm (26 x 25 x 30in) | Folded dimensions: 74 x 63 x 80cm (29 x 25 x 32in) |
| Lights | LED light rear and front (to main electricity supply) | | |
| Locking system | Remote control key and alarm system, key lock on battery | | |
| Acceleration | Throttle with cruise control | | |

*) Depending on use and local regulations, the maximum speed could be limited. When riding downhill (with or without motor), rider has to ensure never to go faster than 35km/h (22mph).

12.1 Optional equipment:

- Clip on folding seat post with bicycle saddle (available for various models).
- Special platform with click fastening for various optional extras such as hard shell top case, toolbox or golf caddy.
- Charging station for two batteries for charging the battery through bottom contacts.
- Mud guard set for the front wheel and the two rear wheels.



Caution: For each optional equipment, first carefully read its operation and safety instruction before using it.

13 Maintenance

The following tool-set is included with each E-Bikeboard:

A multi-part Toolset with various socket wrenches and screw drivers. Also included is a flat 18mm wrench.



Provided Bikeboard-Toolset

Have repairs done by your specialized Bikeboard dealer. You can find your closest dealer on our homepage: www.bikeboard.com. Only original parts, supplied by Bikeboard are permitted.

Check all screw connections regularly

- Please check the screw connections regularly. You'll need the socket wrenches 3mm, 5mm and 6mm of the multi-part E-Bikeboard Toolset plus a metric 18mm flat wrench (also provided with the E-Bikeboard).

Adjustment of the brakes

- The mechanical front wheel brake can be adjusted at any time with its adjusting screws, one at the brake lever, one directly at the brake. The same is applicable to the rear wheel brake for the type S500MX. All other types use a hydraulic brake in the rear, which adjusts itself (until brake pad wears out).

Tire and tire pressure

- Maintain tire air pressure as stated on the tire sidewall. If you exceed the tire air pressure stated on the tire sidewall, you increase the risk of loss of control, collisions, and falls. Lower pressure reduces range and risks tire and wheel damage! When the tire no longer has a good profile, you need to change it.

| E-Bikeboard Type | | Tire size | Tyre pressure |
|------------------------|-------|-----------|------------------|
| S500X / S500MX / S1000 | front | 16" tire | 2.8 bar / 40 psi |
| | rear | 4" tire | 3.5 bar / 50 psi |
| K1000 | front | 18" tire | 2.8 bar / 40 psi |
| | rear | 6" tire | 3.5 bar / 50 psi |

Please adhere to the following care instructions:

- After using the E-Bikeboard, keep it dry and clean.
- Avoid moisture and water on electric or electronic parts. Water could cause a short circuit and damage electric parts. Electricity is dangerous and could cause injury in combination with water.
- Always switch off the batteries after use and keep the keys in a safe place and always out of reach of children; the same is applicable for the remote key (to switch ON the mains).
- When cleaning, look for cracks, deterioration of the cables, metal warping or discoloration. If you have any doubts or concerns, contact your specialized Bikeboard dealer.
- Don't get any cream products or oil on the brake pads or disks. Doing so may cause the brakes to fail!

For replacing wear-and-tear parts, the following procedure should be followed:

Order the parts that need to be replaced from your specialist dealer or directly from Bikeboard. Have service works done only by trained people or by your specialized Bikeboard dealer. You can find your closest dealer on our homepage: www.bikeboard.com. Only original parts, supplied by Bikeboard are permitted.

14 Warranty and limited liability

1. Scope of warranty

Bikeboard AG, the Swiss company and manufacturer of the E-Bikeboard offers a limited warranty for each purchased original E-Bikeboard. This warranty covers the replacement of original parts that fail prematurely due to material defects or fabrication.

2. Period of warranty

The warranty covers the statutory warranty period valid in the country of purchase, with a minimum period of 12 months from the date of issue of the certificate of warranty, and is restricted to the first purchaser of the E-Bikeboard.

The period of warranty does not extend to parts that are replaced during the period of warranty.

Warranty on batteries include, either the above-mentioned period of warranty or the following number of charging cycles, depending on which occurs first:

- E-Bikeboard Type S500X, S500MX: 500 charging cycles (approx. 30'000km / 18'642mi)
- E-Bikeboard Type S1000: 300 charging cycles (approx. 12'000km / 7'457mi)
- E-Bikeboard Type K1000: 300 charging cycles (approx. 10'500km / 6'525mi)

After above mentioned charging cycles have been reached, the battery can still be used reasonably, but with reduced capacity.

3. Warranty terms and conditions

In order for a warranty claim to be valid the following conditions must be satisfied:

- 1) The E-Bikeboard must be complete and correctly assembled.
- 2) The E-Bikeboard must only have been used under normal conditions and for its intended purpose in line with the instructions of use.
- 3) The original proof of purchase and certificate of warranty must be provided.

If the terms and conditions of the warranty have been satisfied the defective parts will be replaced free of charge by an authorized dealer.

4. Warranty claims

All claims that are covered by this warranty must be processed by an authorized E-Bikeboard dealer. Defective parts must be returned with the claim. To find your nearest dealer please visit our website www.bikeboard.com.

5. Warranty exceptions

The following situations are not covered by the warranty:
Damage or wear and tear caused by:

- External mechanical, temperature or chemical factors
- Accidents, misuse, sabotage, negligence or natural disasters
- Improper assembly
- Failure to observe the guidelines issued in the instructions with regard to the handling, use or maintenance of the E-Bikeboard
- Improper maintenance or repair work
- Changes of any kind to the original E-Bikeboard
- Illegal use of the equipment
- The use of parts from the E-Bikeboard for other purposes
- Use in races or competitions

The warranty does not cover any paint damage or scratches, normal wear and tear to parts, in particular tires, inner tubes, brake pads, handles and protective coatings, or any other wear and tear caused by the normal use of the E-Bikeboard.

The liability of Bikeboard AG and its authorized dealers and agents is limited to the repair and replacement of defective parts. It does not cover any direct or indirect liability for any alleged damages and their consequences. Bikeboard AG and its authorized dealers and agents will not reimburse any travel expenses incurred by people or by the transport of the product from the purchaser to the authorized dealer and back.

6. Exclusion for secondary damage

Bikeboard AG will not accept liability for incidental or indirect losses or damages caused by the use of the E-Bikeboard.

7. Limited liability

All E-Bikeboard products have been developed, manufactured and sold for their intended use as detailed in the instructions for use. They should not be used with other engines or with any other forms of propulsion or batteries other than those supplied.

Bikeboard AG and its authorized dealers and agents will not accept liability for any injuries or damages of any kind caused by the improper use of the E-Bikeboard. This warranty only gives the user the limited rights that are demanded by law.

8. Right of return

The right of return only applies to unused equipment that is still in its original packaging. The right of return and refund of the purchase price is only possible within 10 days of purchase from the dealer where the E-Bikeboard was purchased and upon provision of the original receipt.

9. Report all incidents

Please contact your dealer or Bikeboard AG if you or another rider is involved in an accident or if your E-Bikeboard does not function as it should.

15 Disposal

(At the end of your Bikeboard's life cycle)

The E-Bikeboard is a quality product capable of withstanding heavy use. It is designed for durability. With appropriate use and adequate care, the life of your E-Bikeboard is approximately 3 – 5 years.



The E-Bikeboard is designed such that it allows for separate disposal and therefore recycling of the various materials. When you need to dispose the E-Bikeboard, choose one of the following options:

1. Return it to your Bikeboard dealer
2. Return it to the national Bikeboard importer (find contact under www.bikeboard.com)
3. Professional disposal through your local disposal/recycling channels

The main components are listed below and show their waste classification:



Batteries

The batteries contain chemicals and heavy metals and **MUST** be returned to any E-Bikeboard dealer or be disposed at special local collection points for batteries.



The packing foam is made of polystyrene and can be recycled at special local collection points.



OTHER

The plastic covers are made of Acrylonitrile Butadiene Styrene (ABS) can be disposed for recycling at special local collection points.



The E-Bikeboard also contains the following materials:

- Steel:** screws, axles, motor components, spring fork components
- Aluminum:** engine housing and E-Bikeboard frame
- Rubber:** tires and inner tube
- Copper:** motor coils, cables
- Cardboard:** Main packing box. This box should be kept during the life of your E-Bikeboard. To dispose of your E-Bikeboard you can use this box to return the complete E-Bikeboard to your nearest dealer or directly to the importer of Bikeboard.

We thank you for purchasing the E-Bikeboard and wish you many exciting adventures.

Your Bikeboard Team

The Bikeboard Team is gladly available to answer any questions related to the E-Bikeboard or you may find answers to your questions directly on our homepage www.bikeboard.com

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