Majestic
electric longboards

USER GUIDE
Warning
When you use your board you are exposed to numerous risks of the obstacles encountered on the road, collisions, falls and loss of control over the board.

Read this user guide carefully before using the electric longboard.

Product is intended for people over 14 years of age.
The buyer will use the equipment on their own responsibility and at his own risk and he waives any claims, including recourse, against the manufacturer/seller that may arise in connection with the incorrect use of equipment, especially use contradictory with the purpose of the product by the buyer and the people to whom he makes the product available for use, including waiving any claims against the producer/seller due to an accident and related damage to health and suffered damage caused by improper/unskilful use of the equipment he bought.

The product is an electrical device. Do not dispose as unsorted municipal waste. Return only to a certified point of waste collection or return to the producer. Do not throw in the fire. Do not burn. Do not expose to intense solar radiation. Do not expose to temperatures above 50° C. Do not dispose in water or water tanks. For detailed information on the recycling of the device or battery, please contact your local city council, the company exporting municipal waste or producer (or store in which the product was purchased).
SAFETY RULES

1. Always ride carefully, complying with traffic regulations.
2. While longboarding, you should avoid:

- Gravel
- Water
- Steep uphill or downhill roads
- Holes and crackings
- Large rocks
- Tracks
- Drains
- Traffic
- Night

3. The control is carried out using wireless technology Bluetooth, which waves may be distorted when using the device. Avoid riding in places where communication loss could be dangerous.
4. Never unscrew the electronic parts of the longboard. Opening the battery cover is at risk of electric shock and may void your warranty (except replacement of a battery purchased from the manufacturer of electrical longboards Majestic Boards).
5. Keep your fingers, clothes and hair away from movable parts of the board, i.e. a strap, motor or wheels.
6. During the ride there is a possibility of small objects getting into the drive belts that may block the engine.
7. One of the mistakes that causes the board to crash is driving down steep hills and hard braking. This causes damage to the motor!
8. Electronic longboard components have IP54 protection level, which means that they are resistant to drops of water falling at any angle, on all sides and on objects over 1mm.
9. Always wear a helmet and protective clothing for your own safety while driving on an electric longboard. Do not ride in busy roads or do not leave braking until the last moment.

These factors may cause damage to the electric longboard and they can create security risk for the user.

You should always wear a helmet and protective clothing while riding.
TAKE CARE OF YOUR LONGBOARD

1. Regularly inspect your boards from damage and check that it is running properly.
2. Before riding make sure all screws are tight.
3. Do not clean the board with harsh abrasives or chemicals; use a semi-damp cloth to wipe off dust and dirt from board and wheels.
4. Turn off the board and remote control when not in use.
5. Keep your board battery 50% charged when not in use.
6. Recharge the battery every 3 months when not in use.
7. Do not leave the charging board unattended.
8. Disconnect the battery from charger once it is fully charged.
9. Do not leave the boards in a hot car.
10. Do not expose the board to a temperature above 50° C - it may result in a loss of warranty.
11. Before each ride on the electric longboard, make sure all the screws are properly screwed. In case of loosening, screws should be tightened.
12. Do not store the longboard in humid conditions.

BATTERY INFORMATION

- Keep the battery half-charged when it is not longer used.
- Keep the battery fully charged for a maximum of two weeks.
- Lithium-ion battery does not require "formatting" - you do not need to recharge its up to 100% and unload to "zero".
- It is better to charge the battery more often than to unload it to "zero" - it will extend the battery life.
- Do not keep in temperatures higher than 50° C (122° F).
- The battery can be discharged to -20° C, but it must be charged at a minimum of 10° C (32 ° F).
- Longboard should be stored in dry conditions and at a positive temperature.
- The battery used in the board should come only from the manufacturer of electric longboards - Majestic Boards. Using other batteries results in the loss of guarantee.
- The condition for recognizing the warranty is providing the proof of purchase along with the product.
SPECIFICATION

WARNING!
Do not attempt to open the control board cover in the board - the repair can only be done by an authorized service.

- Electric parts

Motor
1200W (total power in version with two 2400W motors)
Brushless

Battery
11.8 Ah
Lithium-ion
Voltage 21.6 V

Lights indicating the battery charge level are located on the control board cover. All lights are glowing green when the battery is fully charged, they start switching off one by one when the charge level is dropping. The last remaining light is always glowing red.

Charger
Powered by 100-240V AC,
network frequency 50/60HZ

Remote control
2.4 GHz
Bluetooth
USB charging port
• Longboard parts

Deck
   Length – 90 cm
   Width – 23 cm
   Construction – 5 layers of bamboo and 2 layers of glass fibre
   Shape – Twin + Concave

• Longboard parameters

<table>
<thead>
<tr>
<th>MAJESTIC</th>
<th>ONE PU</th>
<th>ONE AT</th>
<th>PRO PU</th>
<th>PRO AT</th>
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<tr>
<td>Max. range (km)</td>
<td>42</td>
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<td>Max. range +* (km)</td>
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<table>
<thead>
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<th>MAJESTIC</th>
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<th>ONE AT</th>
<th>PRO PU</th>
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<td>1249 USD</td>
<td>1399 USD</td>
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* range with extended battery
** change your wheels from AT to PU in 2 minutes!
1. Replacing the wheel without a drive

a) using the T-Tool provided with the set, unscrew the nut fixing the PU wheel.
b) remove the spacer from the PU wheel.
c) pull off the PU wheel.
d) check if the second distance washer is on the hanger's axis, if so leave it in place, if not, you can probably find it on the PU wheel bearing - put it on the axle.
e) put the AT wheel on the axle so that the bearing located inside the rim would be located on the outside.
f) put the spacer on the hanger's axis.
g) screw the nut so that the wheel does not slack and rotates freely on the axis.

2. Replacing the drive wheel

a) use the included small Torx key to unscrew drive belt cover.
b) using small Torx key loosen 4 screws securing the motor (loosen, do not unscrew). Move the motor down along the grooves in the mount.
c) using the T-Tool provided with the set, unscrew the nut fixing the PU wheel.
d) remove the spacer from the PU wheel.
e) pull off the PU wheel along with the gear rack, large bearing and toothed belt.
f) put two 25 mm pads on the hanger.
g) put the large drive belt on the hanger, so it hangs on it freely.
h) put the AT wheel with a toothed wheel and a large bearing on top of it on the hanger's axis.
i) hit the wheel lightly with your hand until it clicks into place. If it does not fully fit, it will after tightening the nut on the axle.
j) put the spacer on the hanger's axis.
k) screw the nut so that the wheel does not slack and rotates freely on the axis. If the wheel isn't in the proper position yet, tighten the nut until everything fits. After fitting unscrew the nut slightly so that the wheel can rotate freely.
l) put the drive belt on the large gear next to the AT wheel and on the small gear wheel of the engine.

SPECIFICATION

Tools needed: T-Tool, Torx key 4

The AT set contains:
- 4 AT wheels (set consisting of rims, tires, inner tubes of small bearings)
- large sprocket
- large bearing
- toothed belt
- distance pads

Instructional videos available at producent’s website.
m) grasp the engine with one hand, move it upwards so that the toothed belt is stretched. Use small force. With the other hand, tighten the 4 screws fixing the engine with a small Torx key. The strap should bend lightly under the pressure of the finger, and the wheel should rotate without much resistance. (Important! The engine mount should be tightened only with a matching Torx key from the set, inserting it to the end and tighten it with sensitivity so that you don't twist it).

3. Check if the motor and drive are working correctly without getting on the board.

4. If the engine and drive are working properly, you can drive!

### WARNING!

When replacing wheels from AT to PU and from PU to AT, replace the self-locking nuts fixing the wheels on the axis of the hanger or use an anaerobic adhesive for safe tightening of the wheels.

- **Replacement of PU wheels**

  1. **Replacement of wheels without a drive**

     a) unscrew the nut fixing the PU wheel using the T-Tool provided with the set.
     b) remove the spacer from the PU wheel.
     c) pull off the PU wheel.
     d) check if the second distance washer is on the hanger’s axis, if so leave it in place, if not, you can probably find it on the PU wheel bearing - put it on the axle.
     e) put on the PU wheel.
     f) put the spacer on the hanger’s axis.
     g) screw the nut/cap so that the wheel does not slack and rotates freely on the axis.

  2. **Replacement of drive wheels**

     a) use the included small Allen key to unscrew drive belt cover.
     b) unscrew the nut fixing the PU wheel using the T-Tool provided with the set.
     c) remove the spacer from the PU wheel.
d) pull off the PU wheel.

Due to the fitting of the parts, you need to pull off the drive wheel using more strength. Relax - nothing will go wrong ;)

1) Only the wheel has been pulled off - leave the rack in place and press the PU wheel with bearings on top of the set. (go to point "e" and then "g")

2) The wheel has been pulled off along with the gear:
   • the large bearing remains in the rack - leave it in place
   • the large bearing is located on the hanger bushing - leave it in place
   • remove the gear manually and then press it into the new PU wheel.

e) put a PU wheel with a sprocket and a large bearing on it on the hanger's axis.

f) hit the wheel lightly with your hand until it clicks into place. If it does not fully fit, it will after tightening the nut on the axle.

g) put the drive belt on the wheel sprocket and engine sprocket. Do not unscrew the engine. Attach the strap in the same way as you attach a bike chain. The belt should not be too tight or loose. The wheel must rotate easily while driving it with the remote control.

h) put the distance washer on the hanger's axis.

i) screw the nut so that the wheel does not slack and rotates freely on the axis. If the wheel isn't in the proper position yet, tighten the nut until everything fits. After fitting unscrew the nut slightly so that the wheel can rotate freely.

j) fasten the engine rack cover using the included key.

Before driving, make sure that all wheel bolts are located in the right place.

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**Warning**

1. Do not use polyurethane wheels for paving stones surfaces, for this type of surface always use off-road (AT) wheels.

2. Storing the wheels above 40 °C may cause them to be distorted. Distorted wheels stored above the permitted temperature are not covered by the warranty.

3. Off-road wheels should be pumped up to a maximum of 2.5 atmospheres.

4. When replacing wheels with AT on PU and PU on AT, replace the self-locking nuts fixing the wheels on the hanger's axis or use an anaerobic adhesive to safely tighten the wheels.
REMOTE CONTROL FUNCTIONS

- **Power on / off the remote**
  
  Press the ON/OFF Button for 2 seconds (do not press while riding). Press the ON/OFF Button to turn menu pages.

- **Start**
  
  The icon of electric skateboard will flash if the remote did not connect correctly.

- **Settings**
  
  Turn on the remote and press ON/OFF Button to Home page (negative while riding). Press the button to turn pages.
• Remote-board pairing

1. Ready to pair
2. Pairing
3. Complete

Turn on the remote and press ON/OFF Button to remote-board pairing page, please follow the guide to complete pairing. When it's complete, the lights on electric skateboard will not flash.

Press DEAD MANS TRIGGER to return to home page.

• Breaking remote-board connection

If there are any issues with pairing, press DEAD MANS TRIGGER to break the connection.

• Braking mode level

Press ON/OFF Button to braking mode level, use CONTROL WHEEL to each braking level. Press DEAD MANS TRIGGER to return to home page.

• Changing the riding mode

Press ON/OFF Button to speed mode page, use CONTROL WHEEL to change the mode. Press DEAD MANS TRIGGER to return to home page.
REMOTE CONTROL FUNCTIONS

• Remote calibration

1. Push CONTROL WHEEL all the way forward and press ON/OFF Button
2. Press only ON/OFF Button
3. Push CONTROL WHEEL all the way backward and press ON/OFF Button
4. Press only ON/OFF Button again to complete the calibration.

• Moving forwards / backwards

1. Switch to “D”, to move forwards.
2. Switch to “R”, to move backwards.

• Battery voltage

Press ON/OFF Button to battery voltage page for real time monitoring of the battery voltage. Electric skateboard voltage will show 0.00V if the remote is not paired with the board or electric longboard is turned off. Press DEAD MANS TRIGGER to return to home page.

• Setting speed units

Press ON/OFF Button to speed units page, use CONTROL WHEEL to change the unit. Press DEAD MANS TRIGGER to return to home page.
INSTRUCTIONS FOR BEGINNERS
PREPARING FOR A RIDE

- Go to the square/car park where you can find a lot of open space for learning to manoeuvre.
- In the beginning, it is advisable to learn how to use a longboard without switching on the electric drive. Thus, in case of loss of power supply, your safety on the road will be higher and it will enable you to ride to your destination avoiding problems.
- Practise pushing away on the longboard and manual braking.
- When you feel safe enough, switch on the electric drive.
- Moving the joystick gently upwards will allow a gentle start, moving the joystick rapidly will cause fast acceleration (risk of losing balance on the board). This also applies to braking, to brake softly you should gently move the joystick down, a rapid shift will cause the board to stop suddenly (risk of losing balance on the board).
- Make as many turns of different lengths as possible. It will give you a chance to avoid obstacles that may occur on your way in the future.
- After getting control of the board and getting familiar with all its functions, you will be ready to ride in public places.

REMOTE CONTROL FUNCTIONS

- Wheel size

<table>
<thead>
<tr>
<th>WHEEL SIZE</th>
<th>80mm</th>
<th>AT</th>
</tr>
</thead>
<tbody>
<tr>
<td>80mm</td>
<td></td>
<td>97mm</td>
</tr>
</tbody>
</table>

Press ON/OFF Button to select WHEEL SIZE. Use CONTROL WHEEL to change modes. Press DEAD MANS TRIGGER to return to home page.

CAUTION!

1. We suggest setting Level 1 speed mode (up to 13 km/h) and Gentle braking mode for beginners. Especially if it’s your first time riding an electric skateboard.
2. Do not speed up or brake hard for your own protection.
3. Hold the remote tightly while riding.
4. Charge the remote at least once a week. Each charging should last 3 hours.
5. Avoid hitting the remote to keep your warranty valid. Warranty does not cover mechanical damage.
6. If you have any issues with the remote, follow the instructions to calibrate it again.
IMPORTANT

When accelerating and braking on an electric longboard, pay attention to the appropriate body weight distribution. When accelerating, move your body weight to the front leg (gently leaning forward). When braking, the weight should be transferred to the back leg (gently leaning back).

Hard braking is prohibited when driving at high speed due to high risk of falling and damaging the drive in the board. In situations when braking is necessary you should gradually lose speed and gently move the joystick down.

RETURN OF ORDERED PRODUCTS

According to consumer rights act of may 30, 2014 (OJ 2014 pos. 827 as amended) customer may withdraw from the contract of good sales concluded through our store during 14 days from receiving the parcel without any reason and at no cost, except for the costs of shipment, if the customer has chosen shipment other than normal cheapest way of shipment offered by the store. Withdrawal form can be found at info@majesticboards.pl

Together with the product, customer shall send back completed document of product return or withdrawal statement with name, surname, adress and order no as well as with data needed to make a return of sales price (name, surname, adress, order no and no of bank account to which the return shall be made) to e-mail address sklep.majesticboards@gmail.com or in written form to Klecińska 123, Budynek Alfa, 54-413 Wrocław.

The store guarantees return of the amount equal to sales price shown on proof of purchase during 14 working days from the day of delivery of document of product return/withdrawal statement on the bank account indicated by the customer, on the account of card used for transaction or in other way set with the customer.

The condition of the product cannot differ from the post-productive condition. In case of damage, scratching or dirt, the product will not be accepted.
When the product is worn out or gets damaged before the guarantee expiration, the customer is entitled to send the product and guarantee card back to the manufacturer and get it repaired or have the faulty parts replaced without payment. Majestic Boards offers their customers replacement parts and discounts in case of help from an authorised service centre even after the warranty expiration.

In connection with different specification of particular elements of the longboard, the length of the warranty period is respectively varied
- Guarantee for the battery includes a 24-month use.
- Guarantee for the motor, control panel, remote control, board and trucks covers 12 months.

The other parts of the board which are not under guarantee may be naturally worn out. The manufacturer gives the possibility of buying all the replacement parts in the authorised store.

The warranty is not applicable, even if it is still valid, in the following cases:
- damage caused by water that exceeds the degree of resistance IP54
- failure of the product due to the exposure to another matter
- failure of the product due to inappropriate use of the longboard
- faults due to inappropriate storage or transport of the longboard
- opening the battery or motor lid
- making your own changes, alterations and other interference in the product
- repairs of the faulty product performed by a non-authorised person
- natural decline in battery capacity

Guarantee cover will not be valid if the product is not used appropriately or according to its properties and the instructions from the manufacturer or salesperson.
Majestic Boards is not responsible for incorrect use of equipment, in particular use contrary to the intended use of the product.
This user guide may change in the future.