



Instructions manual

Skatey 2800 Lithium Skatey 3200 Lithium



Important

Make sure you read and understand this manual before before you use the Skatey.



Belangrijk

Gebruik de Skatey pas nadat u deze handleiding gelezen en begrepen hebt. De NL versie vind u op www.skatey.com.



Wichtig

Verwenden Sie die Skatey erst, nachdem Sie die Gebrauchsanleitung gelesen und verstanden haben.
Deutsche Anleitung finden Sie auf www.skatey.com

Skatey, catch the power wave

Congratulations! You are the new owner of a Skatey electric skateboard. A practical and fun means of transport that will bring you a great deal of pleasure. Now that you own a Skatey product you can always contact us if you have questions about your board. We will help you if you need spare parts and when there is a problem with your board.

Warning

We assume that you will handle your Skatey in a safe and responsible manner. The use of an electric skateboard is not entirely without risk. Certainly if you do not use your Skatey in a responsible manner. You need to learn how to ride a Skatey electric skateboard, just like you learned how to ride a bicycle.

The use of a Skatey electric skateboard is entirely at your own risk.

Read these instructions carefully and take notice of the warnings and instructions. Don't use your Skatey before these instructions have been read and the user is familiar with them.

Skatey Electric B.V. cannot be held responsible for any physical injury and wounds to you or others. You should therefore protect yourself well by wearing protective clothing, a helmet, knee, elbow and wrist pads. The protection will absorb a large part of the impact should you fall.

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1. Content packing

A Skatey electric skateboard comes complete with the following items in the packing:

- Skatey electric skateboard with unique serial number.
- Remote control
- Battery for the remote control
- Charger for the skateboard
- Toolkit
- Quick start manual with unique serial number

2. Skatey electric skateboard product description

The Skatey electric skateboard is equipped with an electric motor, a battery and a remote control so you can drive automatically. All Skatey components are manufactured and assembled by hand with great care. Take careful note of the instructions and safety measures in this document and your Skatey board will provide you with many hours of fun.

Details:

- Infinitely variable speed control with the remote control for easy driving.
- Electronic brake for powerful and safe braking, even at high speeds.
- Remote control that operates your Skatey.
- Driving at 2 preset speeds.
- Battery-saving mode for the Skatey and the remote control. When not in use the Skatey and the remote control both power off automatically after 5 minutes.
- High quality anti slip deck.

2.1 The electric skateboard

The skateboard comes complete with the charger and the remote control. The deck designs may vary. The unique serial number is located on a sticker on the battery box of your skateboard.

The on/off button and the charge socket is located on the side of the black box, that is attached to the bottom of the skateboard. The electric motor(s) of the Skatey 3200L is located on the rear axle. The Skatey 2800L has in-hub motors on the rear wheels.

2.2 The remote control

Use the remote control for acceleration and braking. By pulling the trigger towards you, the Skatey will accelerate. You can regulate your speed by pulling the trigger hard or gently towards you. Push the trigger forward to brake.

Connection:

The remote control must be within 1,5 meter of the skateboard in order to operate it. If this distance is greater there is no connection between the remote control and the skateboard.

Switch on/off and changing the preset speed:

- Switch on the remote by pressing the on/off button.
- Set the preferred speed
 - Slow: for beginners. Press the “speed” button; the light under the button blinks slowly.
 - Fast: for professional and advanced riders. Press the “speed” button; the light under the button blinks fast.
- Switch off the remote pressing the on/off button.

Pairing the skateboard with the remote control

In order to be able to control the skateboard, the board and the remote must communicate with each other. To make

the connection first switch on the skateboard, then switch on the remote control. If the red “code” light on the remote control blinks press the “code” button. When the light stops blinking and remains red, the remote and the board are connected. Now you can drive. You only have to do this once.

Battery

The remote control will power off after approximately 5 minutes if not in use, this extends the battery life. To reactivate the remote control power it off and back on again. Charge the remote with the USB cable. If you don’t charge the battery the remote control will automatically power off after a few minutes.

3. Start with your Skatey

3.1 Safety measures

When you ride your Skatey electric skateboard you need to use protective equipment. You should at least wear a helmet, wrist, elbow and knee pads. If you fall, this protective equipment will absorb a great deal of the impact and helps preventing serious physical injury.

3.2 Activate the Skatey electric skateboard

To activate the skateboard press the red colored button on the side of the board located on the black “control box”. The blue indicator light will light up.

3.3 activating the remote control

Activate the remote control with the switch.

Make sure that you don’t touch the trigger during startup (if you do your board will drive away without you)



3.4 Stepping on and off

Make sure that you have enough space to practice. If you are not experienced ask if someone can help you. Place one foot on the board in the riding direction above the front truck. Put some weight on this foot and slightly bend your knee. Now place your other foot diagonally on the board above the rear truck. Remember to keep putting weight on your front foot, thereby moving your bodyweight forward.

Only step off the board when you are standing still. If you are stepping off while driving, you may fall.

3.5 Relax

It usually takes no more than a few minutes before you can stand properly and relaxed on your board with the remote control in your hand.

3.6 Driving

If you have to learn how to drive an electric skateboard, make sure the remote is set in “slow mode”. In “slow mode” you are less likely to fall. To put the Skatey in motion, gently pull the trigger of the remote control. Once the Skatey starts moving, first practice braking. You do this by pushing the trigger forward with your index finger. Once you are used to driving in “slow mode” you can switch to medium or fast mode.

Warning: Do not drive outside your driving abilities, adapt your driving speed to your skills!!

3.7 Turning your Skatey

The Electric Skateboard turns like any other skateboard. First assume the basic position. Bend your knees a little more and apply pressure to the deck with your heels or toes and the board will turn in that direction. More pressure will result in tighter turns. First practice a left turn and then a right turn.

3.8 Uphill and Downhill Riding

On an uphill run, you will find that you need to keep your weight over the rear wheels to keep them from slipping. If the hill is too steep the motor may overheat. Stop, step off and walk the steep hills. The board will take lighter riders up hills faster and will slow down as the rider's weight increases. On downhill runs, the motor remains engaged at all times. Frequent minor speed corrections with the brakes are preferable to letting your speed build and then breaking suddenly. Never ride down hills that require constant breaking. This may damage the board's electronics.

3.9 Deactivating skateboard and remote (switch off)

The skateboard and the remote control will switch off automatically if they have not been used for 5 minutes. The board can be switched off manually by pushing the power switch. On the skateboard the button is located on the side of the Skatey on the black box (the light will dim). On the remote control the switch is located on top of the controller.

3.10 Charging skateboard

Only use the adapter supplied. Insert the adapter plug into the wall socket (the adapter light will turn green). Plug the connector on the other side of the adapter into the socket on the board located on the side of the Skatey on the black box. The adapter light is now red; charging has started, when the light on the adapter turns green your board is fully charged.

Tip: do not charge the Skatey longer than necessary. The quality of the battery will deteriorate and the battery will drain faster if you do so. Never charge the battery longer than 10 consecutive hours. Longer charge may irreparably damage the battery.

4. Warnings and advice

This section contains some warnings and advice. It is important that you read and understand these warnings and advice in order to ensure that your experiences with the Skatey electric skateboard are always positive and enjoyable. Failing to observe these measures may result in injuries and serious, possibly fatal wounds. Skatey Electric B.V. is under no circumstances responsible for any damage caused by any person to himself/herself or others.

The warnings and advice

- Always check if the Skatey is in perfect working order every time you use it. Make sure that all screws are tightened and that all axle units and other mechanical- and electronic components are functioning properly.
- Riding a Skatey is not allowed on public roads.
- The remote control can operate different Skatey's, therefore keep enough distance from each other.
- The Skatey 2800L and the Skatey 3200L are not suitable for children under the age of 12 years.
- Young riders should not use an electric skateboard without adult supervision.
- If you are riding a Skatey for the first time always start on the lowest speed to get familiar with the board.
- Always start off slowly, never pull trigger too hard from still position, its dangerous!
- Pregnant women and disabled persons may not use a Skatey.
- The Skatey should only be used if you are physically fit.
- A Skatey must be operated by only one rider at a time.
- Never use the Skatey if you are under the influence of alcohol or medication that affects your driving skills.
- Always wear suitable clothing and protective gear if you are riding the Skatey. This includes elbow- wrist- and kneepads and proper footwear However, don't forget that wearing protective gear when riding the Skatey will not provide 100% protection against injuries.
- If you're riding a Skatey for the first time always make sure that there's someone nearby that can help if necessary.

- Before using a Skatey, make sure that you have enough riding space.
- When you are riding your Skatey don't endanger persons, animals or objects.
- Be considerate towards other people and animals and make sure that nobody else is exposed to danger or injury, or is obstructed or inconvenienced.
- A Skatey is electric powered and is not waterproof. Don't ride in rain, on wet streets and trough puddles of water.
- Avoid slippery ground such as ice, snow and wet ground. The Skatey may slip.
- Avoid potholes, surface cracks and roads with obstacles such as branches, loose stones and other objects.
- Be cautious when riding on an irregular surface.
- On your board you are about 10 cm taller than you usually are. Keep this in mind when you drive.
- User's weight should be within skateboard's max load capacity.
- Should not be used for tricks, jumps, ramps, grinds, rough handling and prolonged steep hills.
- Never hitch a ride from a car, bicycle, etc.

5. Maintenance

5.1 Cleaning

To clean your Skatey only use a damp cloth and do not use corrosive cleaning solutions. Always prevent water, moisture or dirt from entering the electronic components, the On button, the charging port, under the rubber mats. This can lead to irreparable damage. Check before and after using the Skatey for dirt between the moving parts, if present remove immediately.

5.2 Battery

When the Skatey is not being used for a long time it's very important that the battery is charged at least ones a month. Otherwise the battery loses its capacity. Never charge your Skatey longer than 10 hours.

5.3 Check your board before driving

The Skatey has been manufactured in such a way that it requires virtually no maintenance. However, you must still make sure that all screws on the wheels and axles are well-secured. If screws are loose, they must be tightened.

5.4 Wear and tear

Because the wheels and belt are subject to wear and tear, they need to be replaced after some time. You can find these and other spare parts on www.skatey.com.

6. Performance

Each type of Skatey electric skateboard has a specified driving range . The maximum achievable distance can never be predicted exactly since it is affected by the following factors.

Weight

The rider's weight will affect the distance. If you are a light rider, your board uses less energy to transport you thus increasing the range and the battery will drain slower.

Surface

Riding on a flat smooth surface will ensure that you can cover longer distances. Traveling uphill or on a rough or uneven surface means that your Skatey needs to work harder in order to transport you. The battery will drain faster.

Speed and riding style

You will get further when you drive calmly and evenly. Frequent braking and accelerating takes much strength from your battery and shortens the distance you can drive.

Temperature

The Skatey performs best between 15 and 35 degrees Celsius.

Charging the battery

Make sure that you do not leave the Skatey on charge for too long; never longer than 10 hours. This may reduce the battery's capacity. The consequence of this will, among other things be, that you are no longer able to cover long distances and that you will only be able to enjoy your Skatey over shorter distances.

7. Skatey board and charger specifications

Skateboard	Skatey 2800L	Skatey 3200L
Weight incl. battery	9 kilogram	10 kilogram
Maximum load	100 kilogram	100 kilogram
Maximum speed	30 kilometer per hour	35 kilometer per hour
Maximum distance	up to 20 kilometer	up to 20 kilometer
Charge time	2-4 hour	2-4 hour
Battery	5Ah, 2,24 Volt Lithium	5Ah, 36 Volt Lithium
Power supply	90 – 250 V	90 – 250 V
Dimensions in cm lxxh	91 x 23 x 14	91 x 23 x 14
Wheels	PU - black - 90mm	PU - black - 90mm
Motor	2 x 1400W (in-hub)	2 x 1600W (aeromodeling)

7.1 Skatey charger Specifications

Skateboard	Skatey 2800L	Skatey 3200L
Input	100-240V,50/60HZ,2.5A	100-240V,50/60HZ,2.5A
Output	42V 2A	42V 2A

8. Battery information

8.1 Specifications

The high quality Skatey electric skateboard lithium battery's have the following specifications.

Skateboard	Skatey 2800L	Skatey 3200L
Type of battery	Lithium	Lithium
Voltage	24V	36V
Capacity	5Ah	5Ah
Operational temperature	-15 - 50 C°	-15 - 50 C°
Charging temperature	0 - 40 C°	0 - 40 C°

8.2 Low battery capacity

When you notice that your board slows down, it means that the battery is running down. Recharge the battery to ensure that you don't come to a stand still.

8.3 Special situations

If you try to solve a problem with the battery yourself, your Skatey can be damaged. Call Customer Services if you notice:

- A strange smell coming from the battery;
- That the battery is very hot while you are on the Skatey;
- That something appears to be leaking from the battery and/or your Skatey.

9. Troubleshooting

Problem	Errors and cause	Solution
Skatey does not move	Skatey is not powered on	Power on Skatey
	Remote control is not powered on	Power on remote control
	Trigger is forward, resulting in braking	Place the trigger in the neutral position
	Pilot lamp on the micro control unit not lighting up	Check rechargeable battery plug connection
	Trigger pulled back when power is turned on	Power off remote control, place the trigger in the neutral position and power remote control back on
	No tone when remote control is powered on	Check whether the battery is fitted properly or battery is empty (= replacing)

Skatey drives slow	Pre-set speed is low	Adjust pre-set speed on the remote control (underneath the battery)
	Battery is almost empty	Charge the battery
Severe vibrations and noises during riding	Drive belt or drive wheel is damaged or polluted	Replace drive belt or drive wheel or clean it
	Defective wheel bearing	Replace wheel
	Screws on motor cover are loose	Tighten screws
Skatey stops automatically	Overheated motor	Allow motor to cool
	Micro control module automatically cuts out (to prevent deep discharge of the battery)	Charge or replace rechargeable battery
	Remote control beeps a number of times and then powers off	Battery is low and must be replaced
	Aluminium strips on remote control are damaged or not hold properly	Hold remote control in the proper way or replace remote control
	Remote control and/or receiver exposed to moisture	Drain moisture and allow to dry
	Distance between Skatey and remote control is to far	Close distance to $\pm 1,5m$
	Drive belt broken	Replace drive belt

Skatey rides erratically	Pilot lamp next to on/off switch burns but Skatey doesn't drive = connection- or cable link is loose or broken	Check all connections
	Remote control and/or receiver exposed to moisture	Drain moisture and allow to dry
Skatey does not charge	Pilot lamp on charger does not light up	Check electrical plug and power supply. Replace charger
	Charger pilot lamp stays red = charger and/or battery broken	Replace charger or battery

10. Storage

Stick to the following rules to keep your board in top condition.

- Ensure that your board is fully charged. When storing it for a longer time, charge the battery every month in order to keep the battery in good condition.
- Store your Skatey indoors in a dry room at a moderate temperature.
- Ensure that no dust gets into your board by keeping it in the original box or bag.

11. Warranty

Skatey will give a one-year warranty on manufacturing errors. Your invoice is your warranty. The invoice date is the date on which the warranty commences. The warranty does not cover parts subject to wear such as the battery or the wheels.

The warranty will expire if:

- Unexpected damage occurs due to the user himself, in the event of heavy vibrations (no flat surface), wear and tear, a collision with a person or an object or water damage.
- You have failed to adhere to the advice in these instructions; think for example of the method of storage, weight limits and how you should maintain and use your Skatey.
- You have attempted to repair your Skatey yourself.
- The defect has occurred due to typical wear and tear, excessive use, water damage and damage resulting from extreme weather conditions.
- Other damage has occurred that is not related to the product design, the technology, manufacturing errors or quality control.

Please contact our Customer Services to find out whether your defect is covered by the warranty.

12. Terms and conditions

Please visit our website for the terms and conditions: www.skatey.com

13. Battery disposal

Used batteries may not be disposed of as domestic waste. These are classified as chemical waste and must be disposed of in an environmentally friendly manner. You may place them in the intended collection bins in shops or dispose of them at KCA (minor chemical waste) depots.

14. EC declaration of conformity

Skatey Electric B.V.
Crommelinbaan 49c
2142 EX Cruquius
The Netherlands

Hereby declares that the following products:
Skatey electric skateboard



Conform to the stipulations contained in the following EC directive(s), including all relevant amendments:

- EMC-directive 2004/108/EC
- RoHS-directive 2002/95/EC
- LVD-directive 2006/95/EC
- R&TTE-directive 1999/5/EC

The Electric skateboards conform to all further stipulations contained in the electromagnetic compatibility directive '2004/108/EC).

15. Contact and customer service

Do you have a question about your Skatey? Please contact our Customer Services.

Skatey Electric B.V.
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Tel: +31 252 527211
www.skatey.com

We will answer your questions on working days from 9:00 to 17:00.

Skatey[®]
Electric
the original