

VMAX

OPERATING INSTRUCTIONS

VMAX
VX2 HUB



CE

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THE BRAND VMAX

The mobility of the future requires solutions that are sustainable and efficient. E-mobility is becoming increasingly important over all distances.

VMAX recognized this trend early on. The first ideas and approaches for VMAX prototypes were developed in the Swiss canton of Aargau back in 2015.

True to the motto „Swiss Performance E-Scooter“ the VMAX e-scooters offer unparalleled riding pleasure and convey a feeling of freedom that makes every kilometer an experience.

Your VMAX VX2 Hub was produced for you in our own factory.

Our production is certified in accordance with the strict quality and safety certified according to the **ISO 9001:2019** and **AMFORI/BCSI** standards.

You can be sure that your scooter was made with passion and precision.

Congratulations on the purchase of your new VMAX VX2 Hub and welcome to the VMAX family!

In order to experience the greatest possible riding pleasure with maximum safety with your product, please read the enclosed documents and the operating instructions carefully and keep them for future reference.

SCOPE OF DELIVERY AND PACKAGING

We also see ourselves as responsible for our planet. That is why you will find a sophisticated concept in our packaging to protect the VX2 Hub and its components, which largely dispenses with plastic. Please keep the packaging for any services that may be required to send the scooter. Keep the packaging away from children and pets to avoid danger.

- Charger incl. power cord
- Tool kit, consisting of Allen key, 4 screws and a valve extension
- Safety instructions „VMAX Start your Ride“

ROAD APPROVAL

The approval of e-scooters in road traffic is regulated differently depending on the country. In some cases, performance and / or maximum speed are limited, and in others, insurance or approval by state authorities is required.

The VX2 Hub is available in various country-specific versions. Ask your dealer or check the type plate to find out which version you have purchased.

The regulations for driving licenses also differ from country to country. Find out in advance whether a driver's license is required in your country or whether a minimum age must be observed or special protective equipment such as reflective clothing or a helmet must be worn.

Find out about the laws and regulations that apply in your country before starting up. Special care should be taken when traveling across borders; also observe the regulations in your destination country.

The scooter is intended for persons aged 14 and over and between 1.50 m and 2.00 m in height.

Only use the scooter on approved public areas or on private property with the owner's consent.

VMAX

DISCLAIMER AND SAFETY INSTRUCTIONS

In addition to these operating instructions, please also refer to the „VMAX Start your Ride“ document - this can found on the VMAX website and in your delivery package.

SYMBOLS USED

In the operating instructions:



WARNING:
Possible risks,
personal injury and
risk of injury.



ATTENTION:
Note for action required
or adjustment work by
the user.

On the packaging:



CE mark
(Conformity Europe).
This product is designed to
conform to named
European standards.



The appliance must
not be disposed of
with household
waste.



Li-ion

Cells in the battery
contain lithium.



Follow the
instructions!



PVC



LDPE



PAP

Separate the packaging according
to material and dispose of it at the
appropriate collection points in accordance
with the recycling symbols.



MAINTENANCE AND CARE



**ATTENTION:
YOUR DEVICE REQUIRES REGULAR AND
CAREFUL MAINTENANCE. PROCEED AS
FOLLOWS:**

- Your e-scooter is not waterproof. The electronic components are protected against strong water jets in accordance with the IPX6 standard within the specified test framework. This does not rule out the possibility water penetrating the inside of the scooter. For this reason, it is important that the e-scooter is regularly maintained and serviced as needed. After contact with water, it must be able to escape from the scooter quickly if necessary. To make this possible, the footboard must not be excessively dirty.
- If connected, disconnect the e-scooter from the charger and switch it off.
- Check your device for loose parts, damage, excessive wear and tear and the integrity of the housing and tires. If you find any defects during the inspection, stop using the e-scooter and contact your dealer or our support team in your region.
- Check the tire pressure regularly (at least every month). The recommended tire pressure varies between 36 to 43 psi (2.5 to 3 bar) depending on the rider's weight. Even short trips with insufficient tire pressure can cause serious damage to the vehicle, especially to tires and bearings.

Please note:

- Therefore, use a damp cloth and, if necessary, a mild cleaning agent for care and avoid contact of water with electronic components at all costs.
- Do not use aggressive cleaning agents to protect the surface of the scooter.
- Avoid cleaning agents and excessive moisture near the charging plug and near bearings and joints.
- Dry the device completely before each use or charging.

STORAGE



ATTENTION:
TO STORE THE SCOOTER, FOR EXAMPLE
OVER THE WINTER, PLEASE NOTE THE
FOLLOWING POINTS:

- Charge the Li-Ion battery to approx. 80% before storing.
- Repeat the process at least every four weeks during storage and when not in use to avoid deep discharge.
- Protect your e-scooter from dust and other external influences, ideally in the original packaging.
- When you are not riding the e-scooter, park it in a covered, dry and cool place. Do not park the e-scooter outside for a long period of time. Excessive sunlight and extreme temperatures accelerate the aging process of some materials and the battery, thus reducing the lifespan of the e-scooter and its battery pack.
- Store the e-scooter at temperatures between approx. 15°C and 25°C (between 59°F and 77°F) to maintain battery health and material quality in the long term.
- There is no warranty claim for damage to the Li-ion battery due to improper storage or handling or insufficient charging during storage or non-use (deep discharge).

DESCRIPTION OF THE PARTS



- 1. Handles
- 2. Throttle lever
- 3. Display
- 4. Brake lever left
- 5. Brake lever right
- 6. Front light
- 7. Hook
- 8. Stem
- 9. Safety lock
- 10. Folding lever
- 11. Front mudguard
- 12. Front wheel
- 13. Drum brake
- 14. Stand
- 15. Footboard
- 16. Fixing piece for hook
- 17. Control knob for hook

- 18. Rear/brake light
- 19. Side reflectors
- 20. Rear wheel (motor)
- 21. Charging socket
- 22. Turn signal toggle switch

- 23. Front turn signals
- 24. Rear turn signal
- 25. Front suspension
- 26. Rear suspension
- 27. Disc brake

ASSEMBLY



Step 1

Remove the e-scooter from the packaging and check that all parts are included.



Step 2

Fold the handlebar upwards so that the folding mechanism engages.



Step 3

Connect the cable of the handlebar and cable of the steering head and then place the handlebar head on the handlebar.

CAUTION: Pay attention to the orientation of the cable and carefully plug the cable together. Bent pins can result in costly repairs.



Step 4

Tighten the four screws supplied so that the steering head and handlebar are fixed. Your device is now fully assembled.



Folding

To fold the e-scooter back up, lift the safety lock and pull the folding lever. The handlebar can now be moved backwards/ downwards. Now snap the hook into the fixing piece for the hook.

DISPLAY



- | | |
|-----------------------|--------------------------------------|
| 1. Gear | 10. On / Off button |
| 2. Unit | 11. Light button |
| 3. Battery indicator | 12. Menu button / E/S button |
| 4. Speed | 13. Turn signal toggle switch |
| 5. Watt | 14. Turn signal indicator |
| 6. Mileage | 15. OK button |
| 7. Automatic lighting | 16. Navigation buttons |
| 8. Light sensor | 17. USB-C plug (smartphone charging) |
| 9. Throttle lever | |

Controls:

To access the display settings, press the menu button for 2 seconds. Use the navigation buttons to navigate between the menu items. Pressing the OK button opens a menu. To return to the main menu, press and hold the OK button for 2 seconds.

To switch between the trip (last journey) and ODO (total journey) displays, press the OK button for 2 seconds.

DISPLAY SETTINGS

On/off and gear shift

Hold the on/off button for 4 seconds to turn off the e-scooter. It will also turn off automatically after 5 minutes of inactivity.

Briefly press the E/S button on the left unit to switch between gears.

Light

Pressing the light button briefly turns the light on or off.

Automatic light

Press and hold the light button for 2 seconds to activate the automatic light. The light will now switch on or off automatically, controlled by the light sensor below the display.

USB port on the handlebar

Your VX2 Hub has a USB-C port below the left control unit for charging your mobile phone.

Connect your mobile phone to the e-scooter using a cable when it is switched off and then switch it on. This will activate the power supply.

Cruise control

To activate cruise control, quickly press the on/off button three times while stationary. Cruise control will activate after approximately 5 seconds of constant speed.

The stored speed is deleted by braking or flashing the indicators. To deactivate cruise control, press the on/off button three times again.

ATTENTION: Cruise control is not permitted in Germany and cannot be activated.

DISPLAY SETTINGS

USER SETTINGS

1. Clear trip distance and time

- a. No = Default value, trip distance and trip time are accumulated
- b. Yes = Trip distance and trip time are reset to 0

2. Backlight

- a. Set backlight level 1-3 as desired

3. Unit setting

- a. Set km/h or mph

4. Speed limit

- a. Default setting for the respective country
(can only be changed on the US version)

DISPLAY SETTINGS

PERSONALISED PARAMETER SETTINGS

1. *Activate password*

Here you can enter the password you set in step 2, “Change password”, and then confirm with OK. (Basic password 1234 or 0000)

- a. No = No password is requested when the e-scooter is switched on
- b. Yes = The e-scooter can only be switched on by entering the specified password

2. *Change password*

First, the existing password must be confirmed (default setting 1234 or 0000).

“Change password”

You can now set your own personal password and confirm it by pressing the menu button (press and hold for three seconds). The main screen will then reappear.

ATTENTION: Make a note of your password and keep it safe. If lost, the password cannot be reset via remote maintenance.

FINE ADJUSTMENTS

Adjusting the drum brake

CAUTION: Before your first ride, make sure that the front drum brake is correctly adjusted. It must be adjusted to the weight of the rider and checked regularly.

Turn the nut clockwise to increase the braking force of the drum brake. Turn it counterclockwise to release the brake.



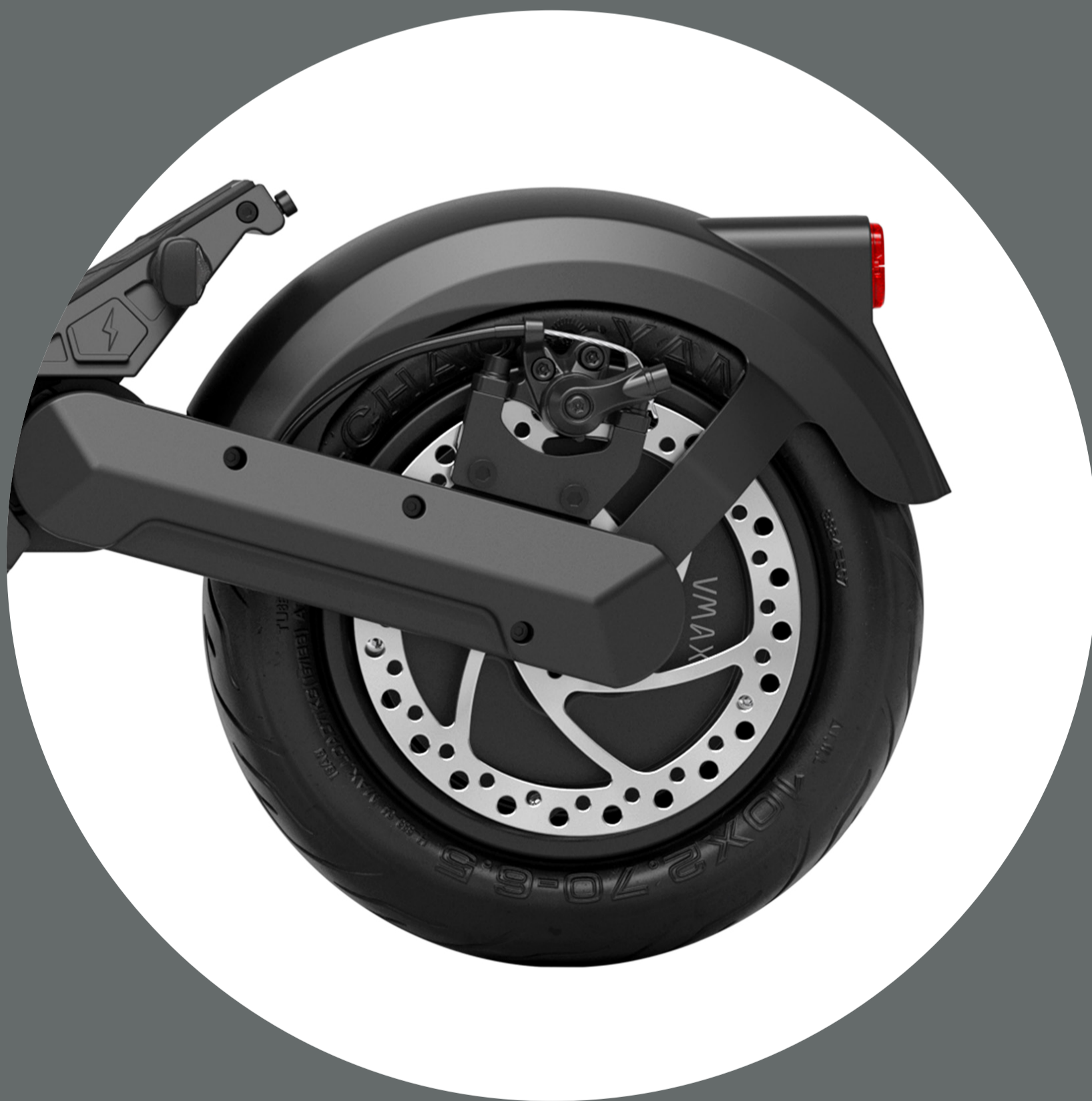
FINE ADJUSTMENTS

Check the disc brake

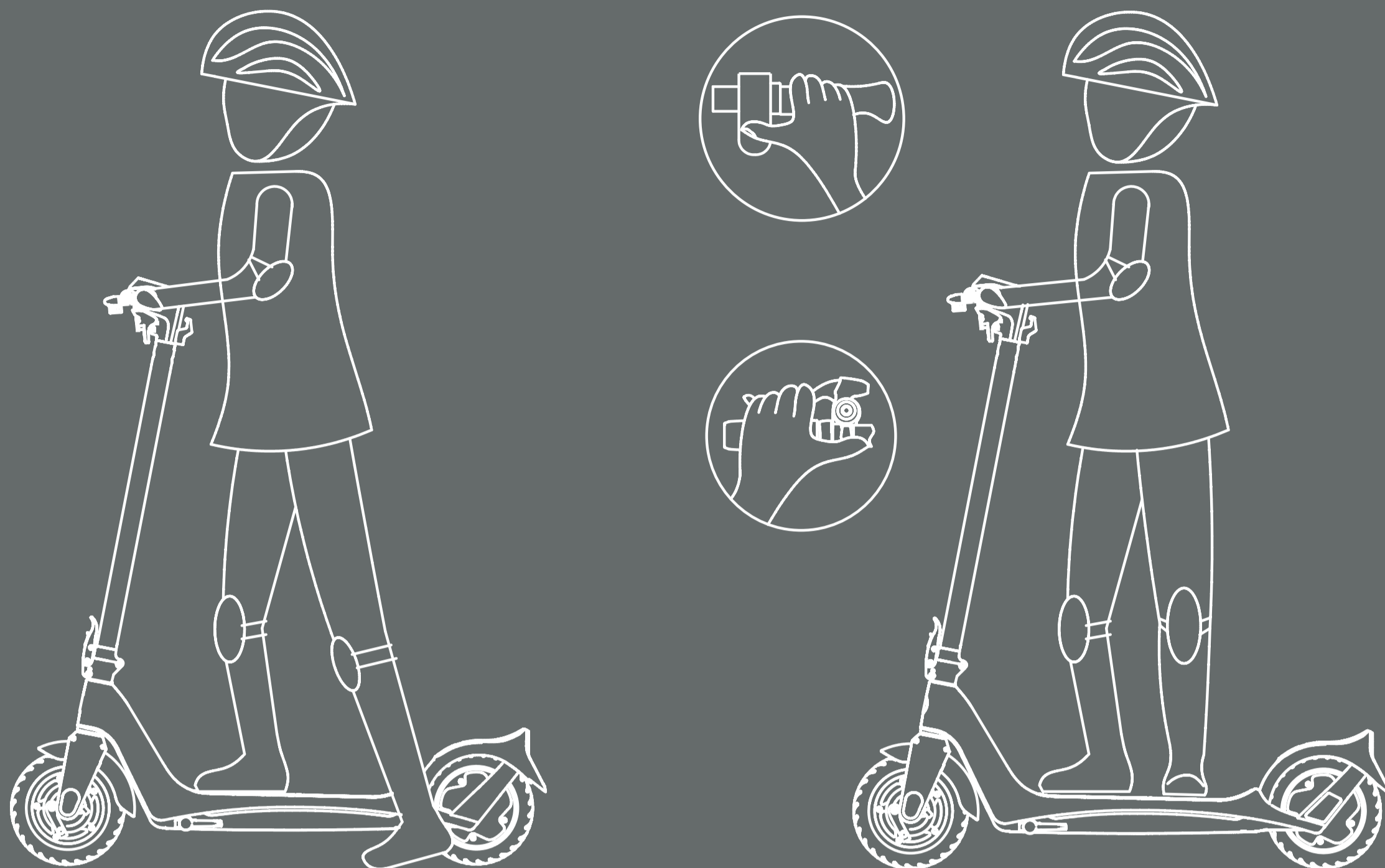
Before using the e-scooter for the first time, the disc brake should be checked carefully and adjusted correctly. Make sure that it runs freely and grips evenly.

CAUTION:

- Be careful when braking for the first time! The disc brake must first be run in – this may cause slight noises. This is normal and no cause for concern.
- The brake disc may become hot during use. Do not touch it immediately after use.



BEFORE THE FIRST TRIP



Make sure that the device is in perfect and undamaged condition.

- Place the e-scooter on a flat surface and check the charge status.
- Press the on/off switch on the handlebars; the display with the battery indicator will light up.
- Stand next to the scooter and hold the handlebars firmly with both hands.
- Place one foot on the footboard and push off from the ground with the other foot. Once you are moving, place your other foot on the footboard and press the throttle.
- To brake or stop, use the brake levers on the handlebars.
Caution: The brake disc may become hot during use. Do not touch it immediately after use.
- To switch off, press and hold the on/off switch for approx. 4 seconds.

Important information on use:

- The VX2 Hub is designed for road use as a single-person vehicle.
- Do not ride with a passenger and never exceed the maximum load capacity.
- Only use the scooter on solid ground – avoid curbs or other obstacles.

WARRANTY & SERVICE

VMAX grants an unlimited warranty of 24 months with the following exceptions:

- Wear and tear on parts subject to wear (e.g., brakes, tires, batteries, and bearings).
- Damage caused by improper use.
- Damage caused by failure to observe the safety instructions.
- Damage caused by commercial use.
- Damage caused directly or indirectly by conversion, accident, or improper handling.
- Damage caused by influences such as fire, dirt, or water.
- Damage caused by repairs carried out by the customer. Repairs and maintenance may only be carried out by trained specialists.
- Damage caused by wear and tear.

If you have any questions or are unsure about what cases are specifically covered, simply contact our local support team or get in touch with your dealer.

If you return your e-scooter, please keep the original box and packaging materials and follow your dealer's return policy.

THE VMAX APP AT A GLANCE

The VMAX app adds smart features to your VX2 Hub. It displays important real-time data and makes navigation easier.

Main functions

- Set start mode: Zero Start (from standstill) or Kick Start (kick to start).
- Light & ride mode: Activate the light and select the ride mode directly in the app.
- Range indicator: Precise prediction based on real-time data.
- Navigation: Turn-by-turn navigation.
- Route planning: Draw routes and the app will create the optimal route.
- Real-time dashboard: Speed, battery level, and more at a glance.
- Trip recording: Automatic or manual storage and analysis.

Connecting your e-scooter

1. Activate Bluetooth and launch the app
2. Select your e-scooter model
3. Enjoy all the features of the app!



Download on the
App Store



GET IT ON
Google Play

DISPOSAL

Disposal of electrical and electronic equipment

The crossed-out garbage can symbol means that you are legally obliged to dispose of these devices separately from unsorted municipal waste. Disposal in the residual waste bin, or any other general disposal, is prohibited. Where possible, the battery must be removed before disposal and disposed of separately.

TECHNICAL DATA

VX2 Hub

Product designation:	VMAX VX2_4B_642 VMAX VX2_4B_874
System voltage:	48V
Capacity:	13.0 Ah 18.2 Ah
Motor power: (nominal output)	500 W
Max. Range: (km&mi)	70 km / 44 mi 90 km / 56 mi
Max. Load:	130 kg / 287 lbs
Protection class:	IPX6 (electronic components) Operating temperature: -10°C to 50°C
Tires:	10 inch tubeless
Charger:	AC 100-240V 50-60Hz / DC+ 54 V/4.5A
Charging time:	approx. 170 minutes approx. 240 minutes
Color:	black
Operating noise:	55 dB(A)