

mopedix

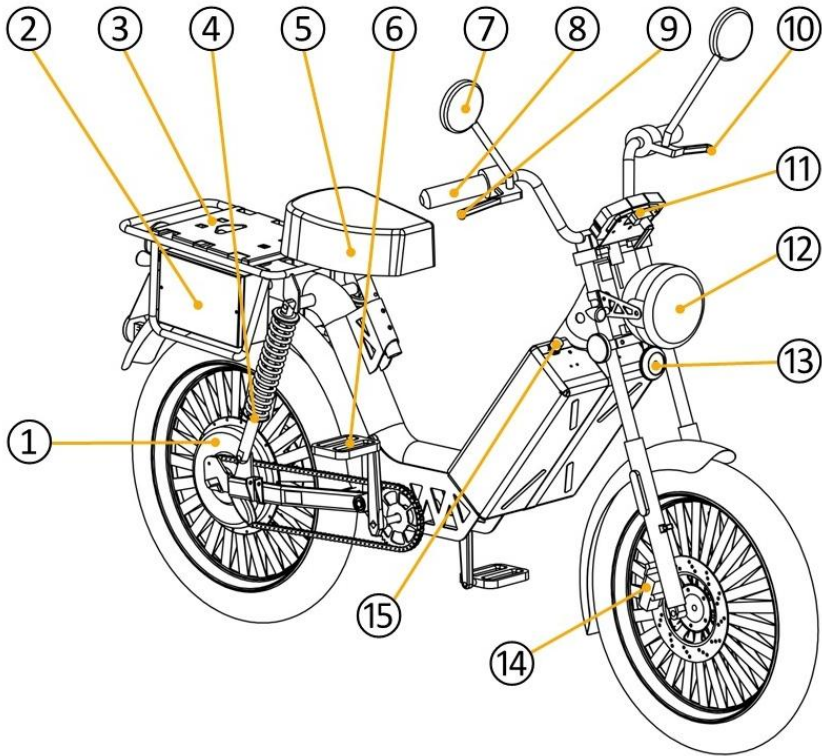
User manual

mopedix Electrix



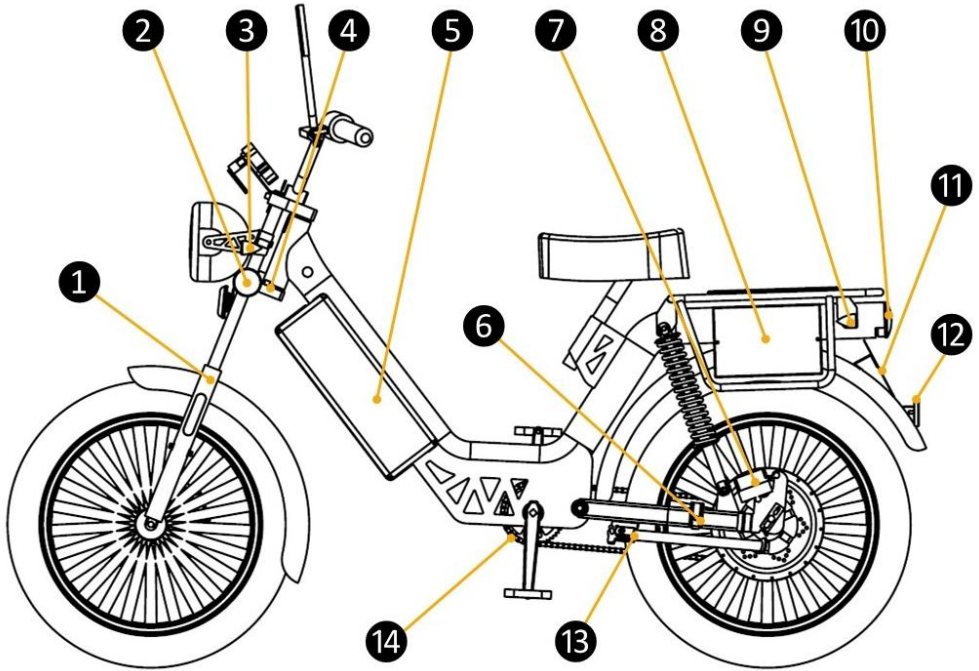
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MOPEDIX ELECTRIX



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| ① electric motor in rear wheel hub with freewheel | ⑨ front wheel brake lever with reservoir for brake fluid |
| ② box with fuses, circuit breaker and 12 V converter | ⑩ rear wheel brake lever with reservoir for brake fluid |
| ③ multifunction carrier | ⑪ LCD display with switch box |
| ④ rear shock absorber with adjustable stiffness (5 levels) | ⑫ front LED headlight (3 lighting modes) |
| ⑤ height-adjustable driver's seat (3 positions) | ⑬ horn |
| ⑥ foot pedal | ⑭ front hydraulic dual-piston brake with brake disc |
| ⑦ adjustable rear-view mirror | ⑮ socket for connecting an external battery charger |
| ⑧ right handle with throttle control | |

MOPEDIX ELECTRIX



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| ① | front fork with hydraulic shock absorbers | ⑧ | box with control unit |
| ② | side reflector | ⑨ | rear indicator |
| ③ | front turn signal | ⑩ | rear/brake light |
| ④ | eye for mounting a lock on the front fork | ⑪ | licence plate holder |
| ⑤ | protective box with battery in impact-resistant frame | ⑫ | rear reflector |
| ⑥ | rear swing arm with footrests for passenger | ⑬ | kickstand with safety switch |
| ⑦ | rear hydraulic double-piston brake with brake disc | ⑭ | independent pedal drive chain with tension pulley |

BEFORE YOU SET OFF

Congratulations on purchasing your Electrix mopedix! Before your first ride, please read the following instructions for operating and maintaining the machine and for safe operation. By following these instructions, you will extend the life of your mopedix and its components, as well as your own safety and that of those around you.

Before riding, always check that:

- you have removed all protective elements used for transport;
- you have removed all mechanical safety devices from the mopedix, such as the front fork lock, etc.;
- the tyres are not damaged or excessively worn and have sufficient tread depth (min. 0.8 mm);
- the tyre pressure corresponds to the recommended values (see label on the right-hand box under the carrier);
- the handlebars turn smoothly;
- the battery box is securely fastened at the top and bottom with rubber straps;
- when you turn the key in the ignition switch, an audible signal sounds and the LCD display lights up;
- the front and rear lights are on, the indicators and horn are working;
- the battery is sufficiently charged (see the status indicator on the display);
- you have enough brake fluid (check through the glass windows of the reservoirs on the handlebars);
- your rear-view mirrors are adjusted and clean;
- your handlebars and seat are adjusted to your height (you can safely and comfortably reach the handlebars with your hands and the pedals with your feet);
- if you are riding with a passenger, the footrests are folded down and your passenger can reach them with their feet;
- you have the appropriate driving licence (at least AM or B).

Don't forget!

- **The maximum load capacity of the Mopedix is 176 kg.**
- **The Mopedix can be used off-road, but avoid puddles deeper than 20 cm.**
- **Do not wash the moped with pressurised water (see below for more information).**

DISPLAY | CONTROLS

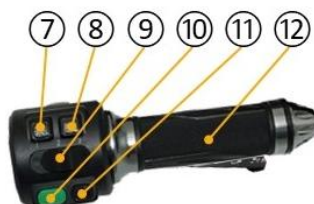
All controls are located on the handlebars. The electric drive is controlled by the throttle handle on the right handlebar – turning it towards you increases the motor power.

Pedal drive is completely independent of the electric motor. It is used as an aid in case of a drop in battery capacity, and can be used in an emergency to pedal even when the battery is completely discharged. The pedals also allow for active cornering and changing the position of your feet during longer rides.

Controls on the handlebars and display:



- ① left handle with rear brake lever
- ② horn switch
- ③ P - reserve switch
- ④ high beam/low beam switch
- ⑤ indicator switch (right and left)
- ⑥ hazard warning light switch



- ⑦ side light switch
- ⑧ main headlight switch
- ⑨ drive mode switch (1-2-3)
- ⑩ S - drive activation/deactivation
- ⑪ R - cruise control activation (by pressing after releasing the throttle; deactivated by adding throttle or braking)
- ⑫ right handle with throttle control and front brake lever



- ① D - drive activation indicator
- ② indicator lights / warning lights
- ③ engine power indicator
- ④ battery capacity indicator
- ⑤ speedometer (km/h)
- ⑥ odometer (km) - after "starting" for a few seconds, it shows ODO
- ⑦ cruise control indicator
- ⑧ driving mode indicator (P-1-2-3)
- ⑨ high beam indicator
- ⑩ ignition lock with key

IT'S TIME TO GET GOING!

Have you checked everything? Great, you're ready to go:

- Get on, squeeze at least one brake lever.
- Shift your weight onto your right foot, which is on the ground. Use your left foot to kick the stand backwards into a horizontal position.
- Insert the key into the ignition switch and turn it to the right.
- Wait until the LCD display lights up and all the indicator tests are complete. The mopedix engine is now in "neutral" (when you turn the throttle, you will hear an audible signal, but the engine will not start).
- Set the drive mode switch to position 1 (you can switch between modes at any time while riding).
- Press the green S button on the right handlebar – a green D will light up on the display. This activates the motor, and when you turn the throttle towards you, the mopedix will start moving (CAUTION: you must fully release the brake levers to start moving).
- Before you start, select the riding mode on the switch on the right handlebar (you can start in any mode and switch between modes at any time while riding):
 - 1 – max. speed 25 km/h, power 50% (2 kW)
 - 2 – max. speed 45 km/h, power 70% (2.8 kW)
 - 3 – max. speed 45 km/h, power 100% (4 kW)
- After releasing the brake levers, slowly turn the throttle handle towards you. This will start the mopedix moving. We recommend mode 1 for starting off. In all modes, turn the throttle slowly and gently.
- Put both feet on the pedals – and set off on new adventures!

Mr. Mopedix recommends

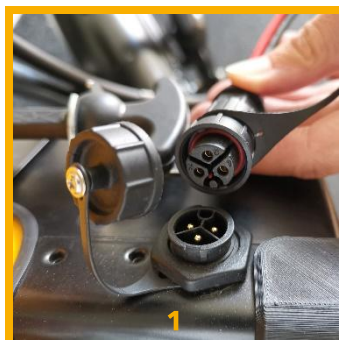


- While riding, keep the pedals in a horizontal position if possible (i.e. both feet at the same height).
- When turning, "step over": to the left – left pedal up, to the right – right pedal up (as on a bicycle).
- When riding over tracks or large bumps, feel free to stand on the pedals.
- After finishing your ride, press the brake lever and deactivate the drive by pressing the green S button. Turn the key to the left and, after the display goes out, place the mopedix on its stand.

CHARGING THE BATTERY

Always follow the procedure below when charging the battery.

- If possible, charge the battery while it is installed in the machine. (Detailed instructions for removing the battery can be found below or at www.mopedix.cz.)
- **Only use the charger supplied or approved by the mopedix manufacturer to charge the battery.**
- Unscrew the cover of the socket for connecting an external charger on the protective box.
- Connect the charger plug and secure the bayonet connector by turning it clockwise.



- Plug the charger's power cord into a 220 V socket.
- During charging, the indicator light on the charger lights up red; when fully charged, it lights up green.
- Once the battery is fully charged, the charger will switch itself off.
- After charging, first disconnect the power cord, then release and disconnect the bayonet connector on the protective box and screw the socket cover back on.
- You can stop the charging process at any time during charging – always follow the previous step.

Mr. Mopedix recommends



- Fully charge and fully discharge the battery at least once a year.
- You can charge the battery at any time; it does not need to be discharged. Repeated short charging cycles do not significantly affect the battery life (within +/- 5%).
- The recommended ambient temperature for charging is 0 to 45°C. Charging at temperatures between -10 and 0°C may reduce the performance of the device.
- Discharging or charging outside the specified temperature range may result in accelerated battery wear.

BATTERY STORAGE

If the mopedix is not used for a long period of time, it is not necessary to store the battery outside the protective box on the machine frame.

Always follow these rules when storing the battery.

- Store the battery in a dry and clean place away from flammable materials (rubbish, newspapers, paper, leaves or other debris).
- **The recommended battery charge level for storage is between 30 and 50%.** Check the battery charge level at least once every 3 months during storage.
- Do not store a fully charged or fully discharged battery for long periods of time.
- Store the battery in a stable environment without significant temperature fluctuations. Do not exceed the temperature limits at the storage location:
 - for storage up to 3 months, maintain a temperature between -20 and 45 °C;
 - for storage up to 1 year, maintain a temperature between -20 and 23 °C.
- Improper storage can cause damage to the battery, permanent loss of capacity, or even failure.

Please note!

- **The battery may pose a fire hazard.**
- **The battery does not contain any parts that you can repair yourself.**
- **Do not open the battery; all servicing must be performed by an authorised technician.**

ONLINE INSTRUCTIONS



- **User manual**
– PDF format for download



- **Charging the battery in the mopedix**
– video tutorial on YouTube



- **Removing the battery from the mopedix**
– video tutorial on YouTube

mopedix

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