

USER MANUAL

DISPLAY, CENTER LCD W/THROTTLE



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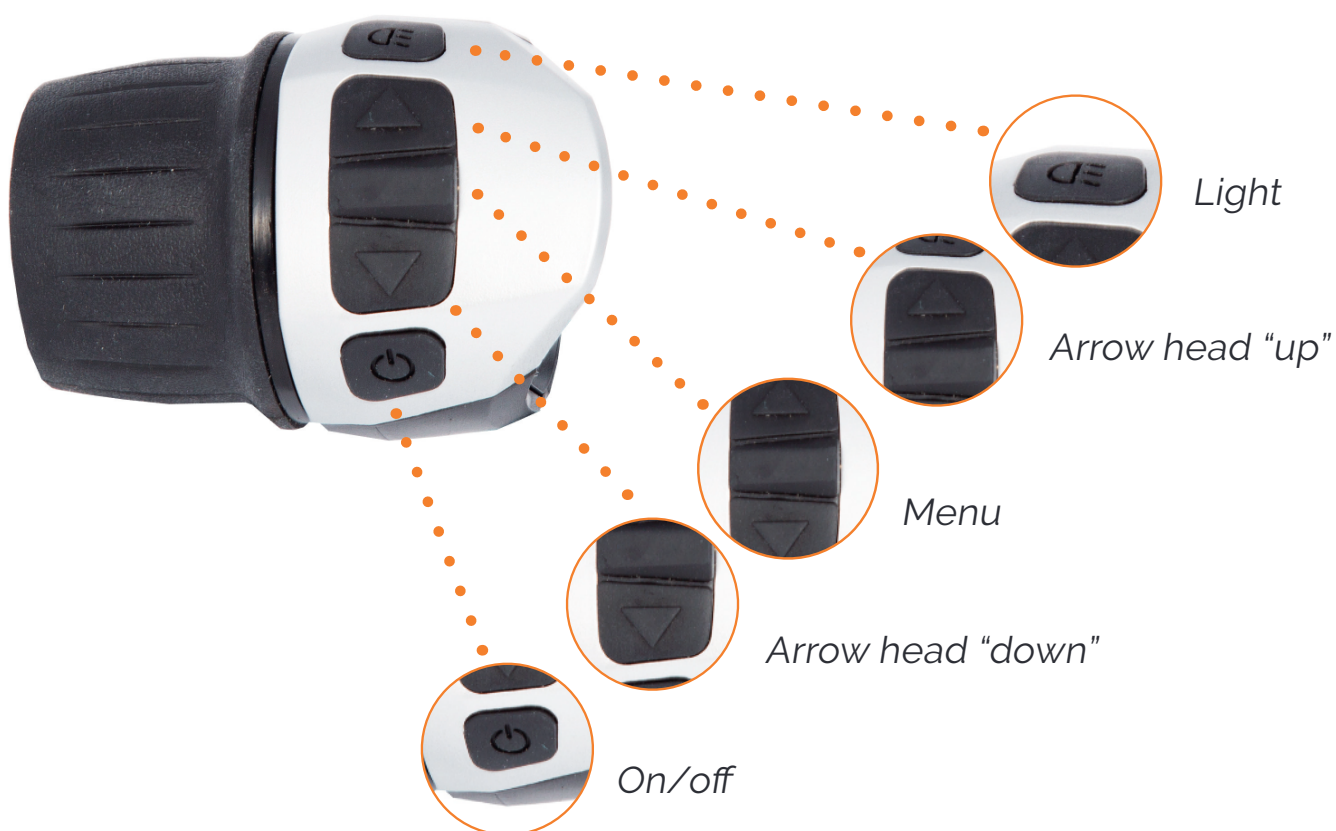
Getting started

After the battery is installed, you can switch on the display, using the on/off button. When pedaling, the motor starts to help you, depending on the selected assist level.

See further details about “assist level” under the heading “operating of the display and throttle”.

Functions

To operate the center display, use the 5 setting buttons and the throttle on the left lever on the handlebars. The throttle is used as a “walk-assist activation” and a “boost activation” - read more on page 6.



Operating of the display and throttle

This is how you operate the 5 functions shown on the previous page. The error-indicator is integrated in the display. Read more about "error codes" at page 9.

On/off

The display is turned on and off by pressing the "on/off" button.

Front light

Turn on the front light (if mounted) by pressing the "light" button. Adjust the brightness of the display by pressing the light button persistently. When the front light is on, the light indicator is shown in the display.

Driving speed

The current driving speed is shown in the display center area.

Battery indicator

The battery indicator is shown in the left side of the display. It indicates the approximate battery level.

Assist level

The selected assist level is shown in the right side of the display.



Walk-assist function

You can use the walk-assist (if your bike has this function) for an extra help when for example, walking with the e-bike uphill. It assists up to 6 kph and it is only possible to use this function when you are not using the pedals!

To activate the walk-assist, turn the throttle downwards towards yourself - to deactivate it, let go of it. A little walking man and a bike are shown when activated.



Boost function

To get a temporary "boost" effect, for example to pass other cyclists, turn the throttle downwards towards yourself and the bike will accelerate to maximum assist level. When you let go of the throttle, the assist level will drop down to the previous assist level - for example, boost from assist level 3 to maximum with the throttle, let go, and you are back at assist level 3 again.

Trip information

In the upper area of the display it is possible to view different information of relevance for the trip.

Press the "menu" button (see page 4) on the left lever - to switch between different types of trip information.

Settings for km/h and mph

To change the speed units between kph and mph, press the "up" arrow 10 seconds. Mph is chosen when kph is no longer displayed.

Wheel size function

Set the wheel size correctly to get the right speed indicated on your display. Use the buttons on the throttle lever and follow these steps:

- To access the wheel size function in the display, press down the "menu" button for 10 seconds.
- You will then get a 4 digit area to type in your wheel size. Look at your wheel and find the digits in the right-hand column of the chart below. If you can't find your wheel size go to this webpage: www.formbirds.com/free-tire-circumference-chart.
- To select the digit, press arrow "up" or "down".

TO (European Tire and Rim Technical Organization):

ETRTO	Tire size	Length (mm)
40-406	20x1.50	1490
47-406	20x7.75	1515
50-406	20x1.95	1565
47-507	24x1.75	1890
50-507	24x2.00	1925
54-507	24x2.125	1965
40-559	26x1.50	2010
47-559	26x1.75	2023
50-559	26x1.95	2050
54-559	26x2.10	2068
35-622	700x35C	2168
38-622	700x38c	2180
40-622	700x40c	2200
42-622	700x42c	2224
44-622	700x44c	2235
45-622	700x45c	2242
47-622	700x47c	2268

To be continued on the next page.

- When the correct digit is selected, press "menu" to move to the next. Select the correct digit as before, and press "menu" to move to the next. Repeat until all four digits have been entered.
- To save the settings, press "menu" for 1-2 seconds. Turn off the display using the "on/off" button, and turn it on again. Then your settings are saved and you are good to go.

Troubleshooting

The error indicator will appear in the display to show possible system errors. A code and a wrench symbol will show the error type.

The error code will appear in the "speed indication" space in the center of the display.

Error code numbers range from 02 to 09 indicating the different error types.

Final error diagnosing requires skilled personnel. Contact your dealer for assistance.

Error codes

The error indicator has the following error codes:

Error codes	Description	Possible solution
02	Indicates errors in power consumption.	Contact your dealer.
03	Indicates errors in the controller.	Contact your dealer.
04	Indicates errors on the throttle.	Check the handle and throttle. Ensure the throttle is not stuck and set the throttle to "neutral".
05	Indicates errors in the front brake, if mounted.	Set the handbrake in the starting position.
08	Low battery voltage.	Charge the battery.
09	High battery voltage.	Contact your dealer.

Charging instructions

Charging the battery must be done indoors or under cover, because the charger is only splashproof. Charge the battery as often as possible. Charging can be done in 2 ways:

Battery mounted on electric bike

- a) The battery must be installed in the electric bike
- b) Connect the charging plug to the battery
- c) Connect the main power supply to the power outlet and switch on the charger.

Charging the removed battery

- a) Remove the battery and take it indoors
- b) Connect the charging plug to the battery
- c) Connect the main power supply to the power outlet and switch on the charger.

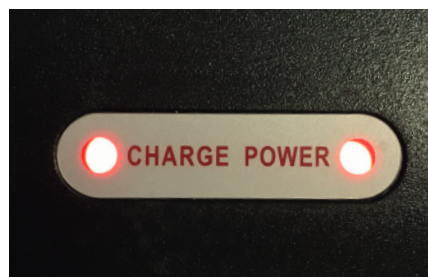
How to charge the battery

1. Insert charger plug in the battery, and the mains plug (100-230V) in the socket - and check to confirm that the charger is on.
2. When the "charge" and "power" are red, it indicates that battery is charging.
3. When the "charge" light is green, and "power" light is red - it indicates the battery is fully charged.

If charging does not begin immediately, check to make sure the charger is connected correctly.



1.



2.



3.

Daily use of electric bike/battery

The electric bike uses maintenance-free Li-ION battery.
Note that the battery can be removed.

Before using the battery pack fully charge the battery with the supplied charger.

The best charge of the battery is obtained at 20 °C. (68 °F)
Many frequent recharges on the Li-Ion battery can extend battery life.

Pay special attention to the battery capacity as it, decreases over time and at lower temperatures.

Things that reduce bike range

- Wrong tire pressure
- Wind
- Road conditions, uphill
- User weight
- Biker's own efforts

In normal use batteries have a lifetime of up to 1000 charge and discharge cycles.

Warning

- Do not heat, short circuit, puncture, or otherwise mistreat the battery.
- The battery must not be dismantled or destroyed.
- Do not throw the battery into fire.
- Do not immerse the battery in water or any other liquid.
- The battery can only be charged with the included charger.
- Never charge the battery at temperatures below 0°C or above 45°C (below 32°F or above 113°F)

Disposal of battery

Batteries contain substances that may be harmful to human health and the environment if not handled properly.

Batteries are marked with a rubbish bin with a cross through it. It symbolizes that used batteries must not be disposed of with other household waste, but must be disposed of separately.

It is important that you submit your used batteries to the collection systems established in your area. In this way, you help to ensure that the batteries are recycled in accordance with the law and will not harm the environment.

Most municipalities have established collection points, where worn portable batteries are collected from households. Additional information is available from your local authorities.



Maintenance

The bike and the electrical system require no special maintenance.

It is recommended to clean the bike and lubricate moving parts at regular intervals.

Be aware, however, that the wearing parts must be replaced as needed. Parts should be replaced in a timely manner, so repairs are minimized.

If these guidelines are not followed, there is a risk of damage to the bike and riders, and the warranty on the bike will be avoided.

In order to maintain and preserve the electric bike's condition, we recommend an inspection two times a year, but not less than once a year by a professional bike workshop.

Winter storage

If the electric bike is set aside for storage (more than one month), it will be sufficient to recharge one time per month. For storage, the batteries must be fully charged, because they cannot tolerate being left discharged for a long time.

Contact Pro-Movec A/S, Denmark

When contacting Pro-Movec by e-mail please inform following:

- Brand of bicycle
- Year of manufacture
- Date of purchase
- Attach a copy of the purchase receipt
- Describe the problem in as detailed way as possible

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