

New Center display



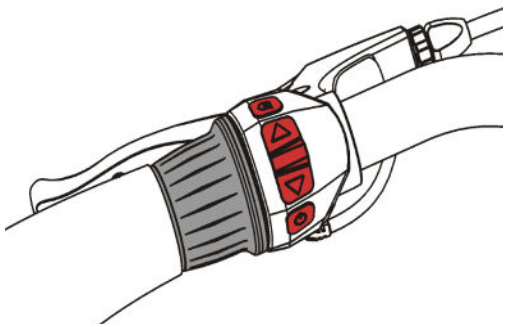
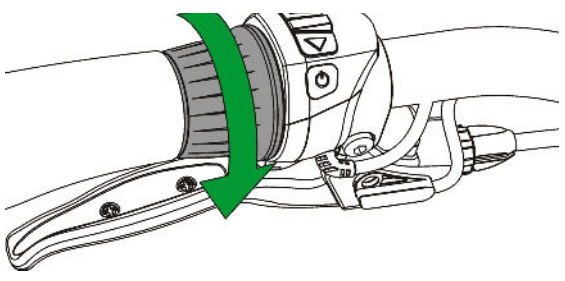
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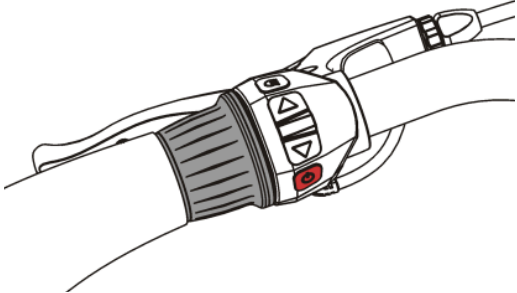
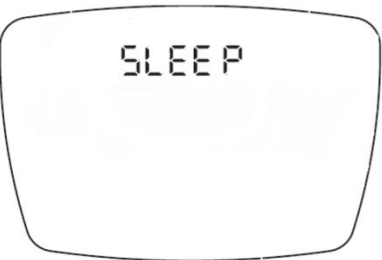
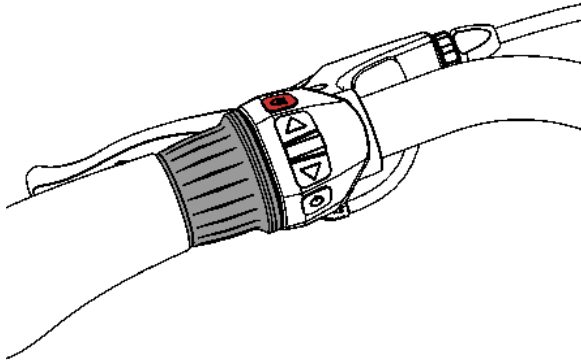
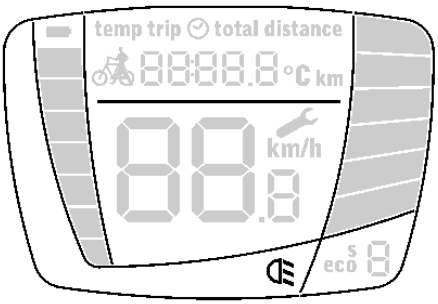
1. Center display

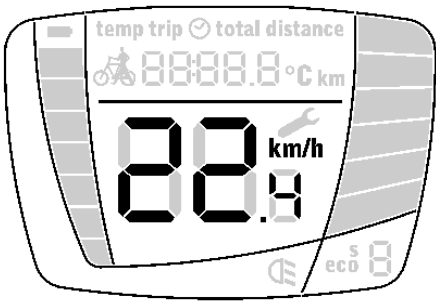
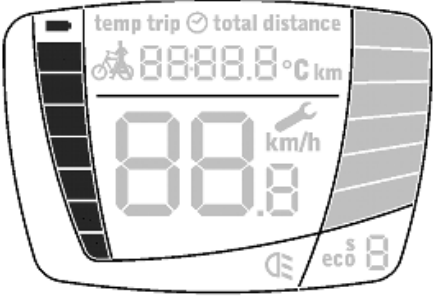
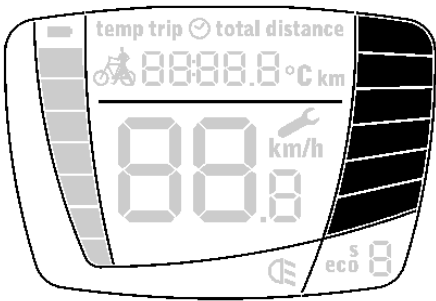
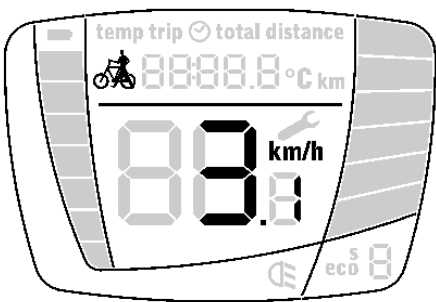


1.1 Operation of the display and the throttle

<p>To operate the display, use the 5 setting buttons and the throttle in the left lever on the handlebars.</p>	
<p>To operate the throttle, turn the lever as shown in the figure to the right.</p>	
<p>For a detailed description of the settings please see Section 3.2</p>	

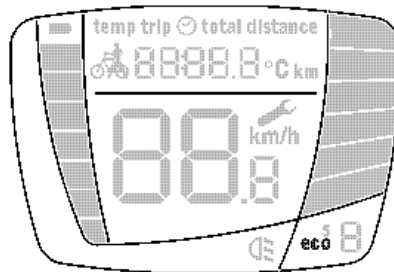
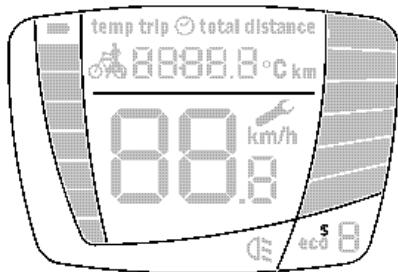
1.2 Display settings

<p>On and off</p> <p>The display is turned on and off by pressing the on/off button in the left lever.</p>	
<p>Sleep mode</p> <p>When turning off the display, it goes into "sleep" mode.</p> <p>Press the on/off button again to activate the display.</p>	
<p>Front and rear light</p> <p>Turn on the front and rear light by pressing the light button on the left lever.</p> <p>The brightness of the display can also be adjusted by pressing the light button persistantly.</p>	
<p>When the front and rear light is on, the light indicator is shown in the display.</p>	

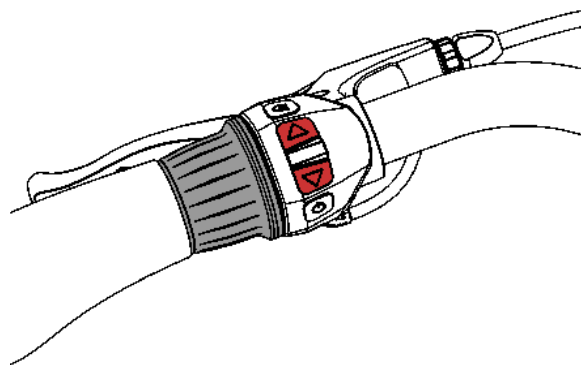
<p>Driving speed</p> <p>The current driving speed is shown in the display center area.</p>	 <p>The image shows a digital display with a central speedometer. The speed is displayed as '88.8 km/h'. Above the speed, there are icons for temperature, trip, and total distance. The display also shows 'eco' mode on the right side.</p>
<p>Battery indicator</p> <p>The battery indicator is shown in the left side of the display. The indicator indicates the approximate battery level.</p>	 <p>The image shows a digital display with a battery indicator on the left side. The battery level is represented by a bar graph. The speed is displayed as '88.8 km/h'. Above the speed, there are icons for temperature, trip, and total distance. The display also shows 'eco' mode on the right side.</p>
<p>Assist level</p> <p>The selected assist level is shown in the right side of the display.</p>	 <p>The image shows a digital display with an assist level indicator on the right side. The assist level is represented by a bar graph. The speed is displayed as '88.8 km/h'. Above the speed, there are icons for temperature, trip, and total distance. The display also shows 'eco' mode on the right side.</p>
<p>”Walk-assist” feature</p> <p>When the pedals are not activated, it is possible to use the ”walk-assist” feature by turning the throttle on the left lever. The corresponding indicator is shown in the display.</p>	 <p>The image shows a digital display with a walk-assist feature indicator on the left side. The indicator is represented by a bar graph. The speed is displayed as '88.8 km/h'. Above the speed, there are icons for temperature, trip, and total distance. The display also shows 'eco' mode on the right side.</p>
<p>For a detailed description of the function please see section 3.4</p>	

Assist options

It is possible to choose between 2 assist options – “speed mode” and “eco mode”.



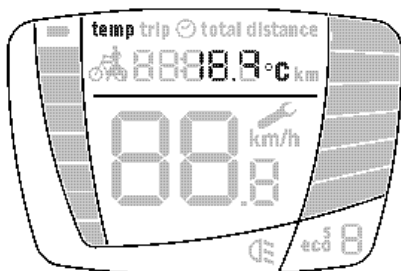
Press the up/down buttons on the left lever for 3-5 seconds to switch between the 2 assist options. Please see section 3.3 for further information about the 2 assist options.



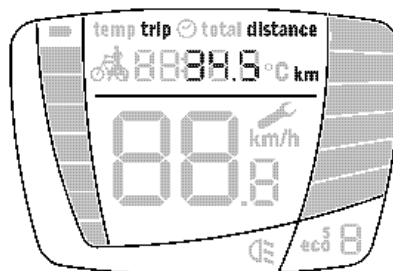
Trip information

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

Temperature


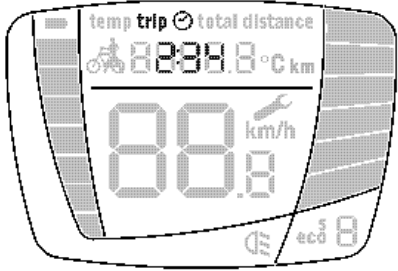
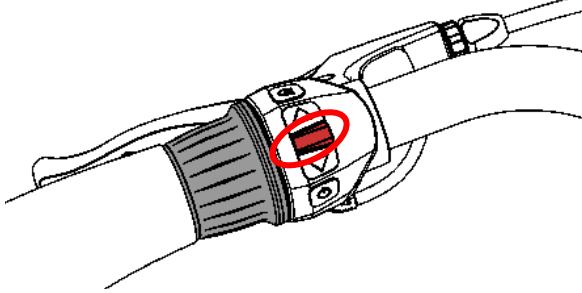
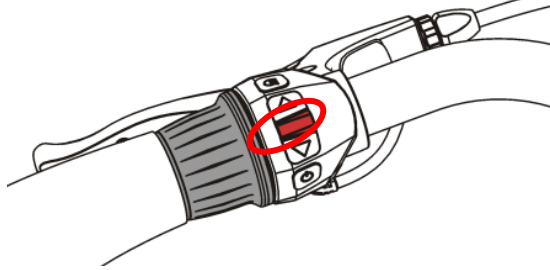



Trip distance



Total distance



<p>Actual time</p> 	<p>The clock can be set by pressing the mode button until “hours/minutes” start blinking.</p> <p>Press the mode button once to shift between hours and minutes. Then set the time by pressing the up/down buttons. Press the mode button again to finish the setting.med et tryk på mode-knappen.</p>
<p>Trip time</p> 	<p>“Trip time” can be reset by pressing 3-5 seconds on the “mode” button on the left lever.</p>
	<p>Press the”Mode” button on the left lever to switch between the different options.</p> <p>With the marked button, it is possible to adjust the wheel size.</p>
<p>Press the up or down arrow to increase or decrease the numbers, then press the marked button</p>  <p>to change the next number.</p>	<p>Wheel size explanation</p> <p>See page 11-12</p> 

1.3 Assist function

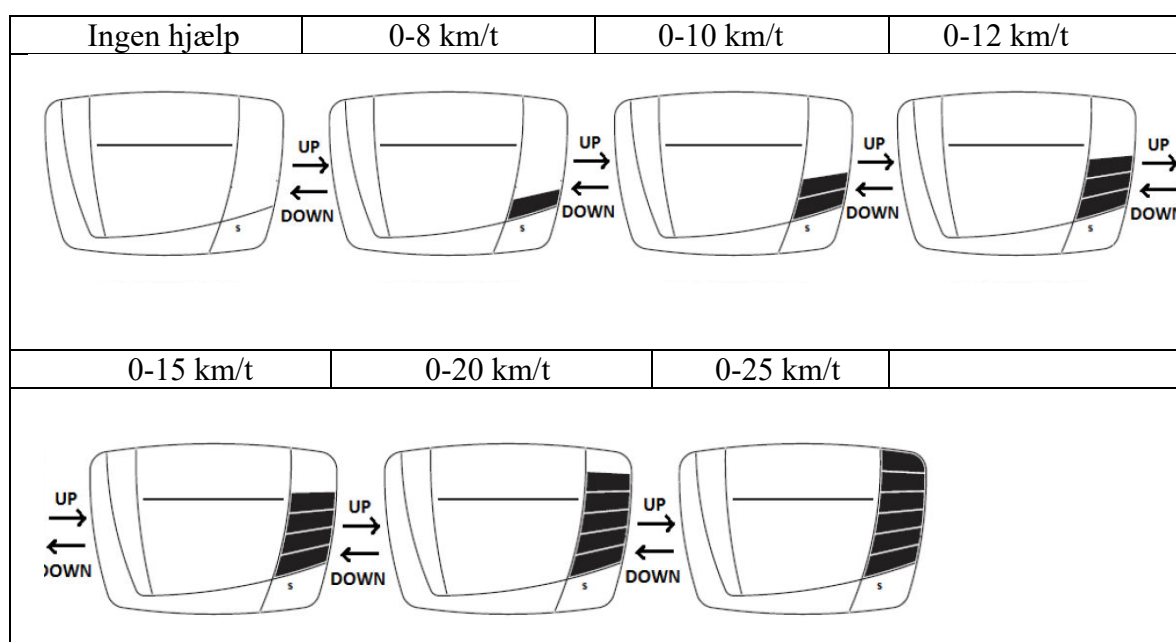
PRO-MOVEC Electric Whistle has 3 different assist options:

- a) **Speed mode** with 6 assist levels
- b) **Eco mode** with 3 assist levels
- c) **Throttle** with variable speed

To switch between "speed mode" and "eco mode" pres the arrow buttons on the left lever for more than 3 seconds.

The throttle has a "booster" effect which allows the throttle to overrule other assist settings regardless of the "speed mode" or "eco mode" being enabled. When the throttle is released the system will automatically return to the previous setting.

Speed-mode:

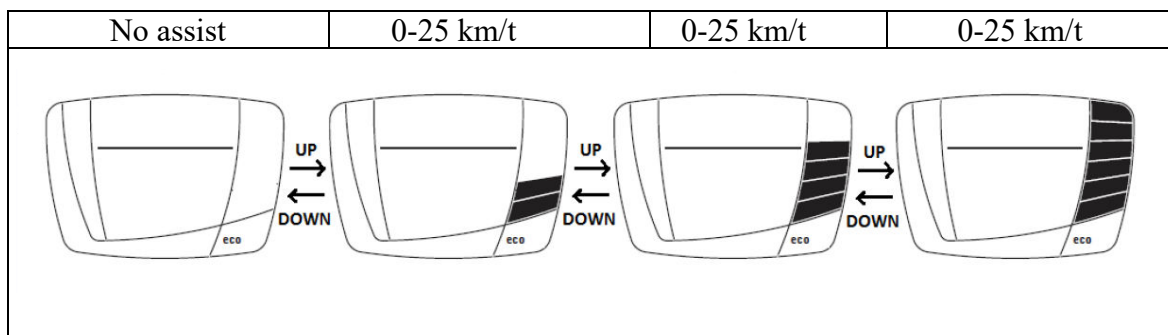


"Speed mode" has 6 assist levels.

Choose "Speed mode" if you want to ride at a constant speed which is lower than the top speed.

By pressing the up/down buttons on the left lever you may choose the appropriate assist level.

Eco-mode:



”Eco mode” has 3 assist levels.

Choose ”eco mode” if during your ride you only want limited motor assistance and thus to a high degree want to ride the bike through your own efforts. With this combination a longer range is achieved per charge.

By pressing the up/down buttons on the left lever you may choose the appropriate assist level.

Throttle:

When not pedaling, the “walk assist” feature can be activated by turning the throttle. This feature is well suited for pulling the e-bike uphill.

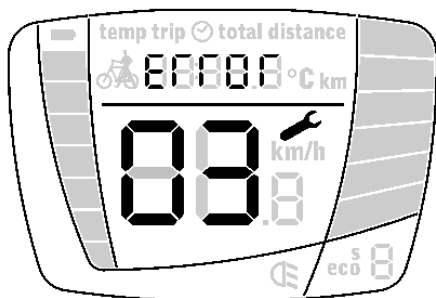
When the pedals and the throttle are activated simultaneously it is possible to variably adjust the speed up to max. speed level.

It is advisable to use the throttle when driving in heavy traffic. This is suitable for brief accelerations in connection with overtaking of slow-moving cyclists and will allow you to react promptly.

The motor will disconnect at a speed of 24.6 km/h.

1.4 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 centre of the display.

Error code numbers range from 01 to 13 indicating the different error types.

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

Fejlindikatoren har følgende fejlkoder:

- 01 : angiver fejl i hall-sensor
- 02 : angiver
- 01 : error on the hall sensor
- 02 : error on the speed sensor
- 03 : error on the wiring system. Check cables and connectors.
- 04 : errors in data transmission between the motor and controller
- 05 : error on the i controller.
- 06 : too high voltage (>15A)
- 07 : error on the cadence sensor
- 10 : error in data transmission between throttle and display
- 12 : error on display/display communication

1.5 Tire circumference

Tire Circumference Chart

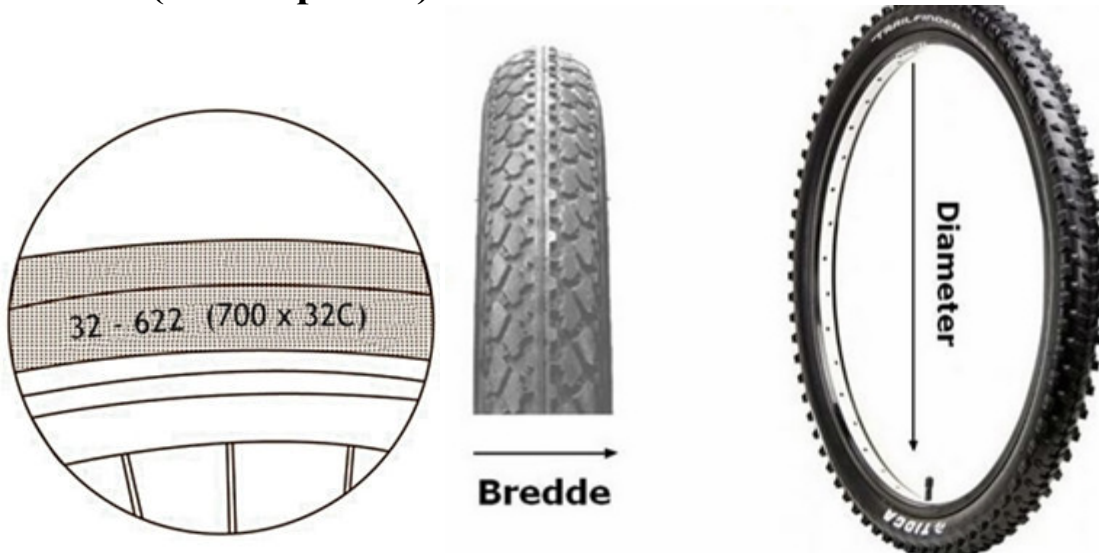
Tire size is shown on the side of a tire.

Note Tire circumference may vary depending on tire pressure.

ETRTO	Tire size	L (mm)	L (cm)	INCH	ETRTO	Tire size	L (mm)	L (cm)	INCH
47-203	12x1.75	935	94		75-559	26x3.00	2170	217	
54-203	12x1.95	940	94	12	28-590	26x1-1/8	1970	197	
40-254	14x1.50	1020	102	14	37-590	26x1-3/8	2068	207	
47-254	14x1.75	1055	110		37-584	26x1-1/2	2100	210	26
40-305	16x1.50	1185	119			650C Tubular 26x7/8	1920	192	
47-305	16x1.75	1195	120	16	20-571	650x20C	1938	194	
54-305	16x2.00	1245	125		23-571	650x23C	1944	194	
28-349	16x1-1/8	1290	129		25-571	650x25C 26x1(571)	1952	195	
37-349	16x1-3/8	1300	130		40-590	650x38A	2125	213	
32-369	17x1-1/4 (369)	1340	134		40-584	650x38B	2105	211	
40-355	18x1.50	1340	134		25-630	27x1(630)	2145	215	
47-355	18x1.75	1350	135	18	28-630	27x1-1/8	2155	216	27
32-406	20x1.25	1450	145		32-630	27x1-1/4	2161	216	
35-406	20x1.35	1460	146		37-630	27x1-3/8	2169	217	
40-406	20x1.50	1490	149		40-584	27.5x1.50	2079	208	
47-406	20x1.75	1515	152		54-584	27.5x2.1	2148	215	
50-406	20x1.95	1565	157		57-584	27.5x2.25	2182	218	
28-451	20x1-1/8	1545	155		18-622	700x18C	2070	207	
37-451	20x1-3/8	1615	162	20	19-622	700x19C	2080	208	
37-501	22x1-3/8	1770	177	22	20-622	700x20C	2086	209	
40-501	22x1-1/2	1785	179		23-622	700x23C	2096	210	
47-507	24x1.75	1890	189	24	25-622	700x25C	2105	211	
50-507	24x2.00	1925	193		28-622	700x28C	2136	214	
54-507	24x2.125	1965	197		30-622	700x30C	2146	215	
25-520	24x1(520)	1753	175		32-622	700x32C	2155	216	
	24x3/4 Tubular	1785	179			700C Tubular	2130	213	700c
28-540	24x1-1/8	1795	180		35-622	700x35C	2168	217	
32-540	24x1-1/4	1905	191		38-622	700x38C	2180	218	
25-559	26x1(559)	1913	191		40-622	700x40C	2200	220	
32-559	26x1.25	1950	195		42-622	700x42C	2224	222	
37-559	26x1.40	2005	201		44-622	700x44C	2235	224	
40-559	26x1.50	2010	201		45-622	700x45C	2242	224	
47-559	26x1.75	2023	202		47-622	700x47C	2268	227	
50-559	26x1.95	2050	205		54-622	29x2.1	2288	229	
54-559	26x2.10	2068	207		56-622	29x2.2	2298	230	
57-559	26x2.125	2070	207		60-622	29x2.3	2326	233	
58-559	26x2.35	2083	208						

1.6 Tire circumference explanation

If the size is not visible on the tire, you can measure your tire size as follows: (see the photos)



Tire size

The wheel size is usually written on the side of the tire as illustrated in the above image.

Tire size is usually abandoned in the so-called ETRTO measuring such as 32 - 622.

32 means 32 mm in width and 622 stands for 622 mm diameter.

Diameter 622 in ETRTO measurement in the above example corresponds to 700C in French measurement.