












EBO VLCD-5 for E-Bikes with Torque Sensor Reference Manual



<p>Functions Display:</p> <p>To speedometer, odometer, pedal assist modes, battery capacity indicator, trip distance, average speed, maximum speed, run time, malfunctions, brake indicator and backlight display.</p>	
<p>Backlight</p> <ul style="list-style-type: none"> • Press Power button for 1 second to turn ON and OFF 	
<p>Battery Capacity Indicator</p>	
<p>Speedometer, Maximum Speed and Average Speed:</p> <p>The LCD has 2 ways tracking speed depending on the system.</p> <ol style="list-style-type: none"> 1. Integrated in the Motor/Controller 2. Non-Integrated with sensor attached to the chain stay and magnet attached on a spoke. 	
<p>Pedal Assist Modes:</p> <ul style="list-style-type: none"> • OFF • ECO • TOUR • SPEED • TURBO 	
<p>Total distance (ODO), trip distance (TRIP), average speed (AVG), total distance (DISTANCE) and run time (TIME)</p> <p>(ODO) and (TRIP) can be reset by pressing i for 2 seconds. You can toggle between (AVG) and (TIME) by short- pressing i button.</p>	

<p>Malfunction/Status Display</p> <ul style="list-style-type: none"> • ERR-02 = Motor Hall Fault/Motor Short Circuit • ERR-03 = Controller Failure • ERR-04 = Turn ON Fault • EER-06 = No Motor Signal • ERR-08 = Low Battery Alarm 	
<p>Access to advanced parameters settings:</p> <p>Press ⏏ and POWER buttons simultaneously for 4 seconds to access advanced parameter settings. You can change the values of the predefined settings with the + and - buttons. You will need to scroll through (ODO), (TRIP), (AVG), (DISTANCE) and (TIME) before entering into the advanced parameters.</p>	
<p>Settings are shown below (press ⏏ button to toggle between the parameters)</p> <ul style="list-style-type: none"> • d1 (Wheel Diameter) = 14" – 30" and 700 • cc (Quantity of Magnets) = 1 – 12 (Default 1) • 00.0 (Units of Measurement) = km/h or mile/h • 06.0 km/h (Walk Mode) = ON or OFF • Sd (Speed Limit) = 15 – 45 (Note, maximum speed limit must be ON for this setting) • A (Power Ampere Adjustment) = 6 – 32 (Default 25) • η (Mode - EUR or JAP) = EUR • 25.0 km/h (Maximum Speed Limit) = ON or OFF 	
<p>Short-press POWER button to save current value.</p>	
<p>To return to normal operating, wait for 4 seconds.</p>	

Technical specifications:

Technical aspects:

Item : VLCD-5

Voltage options:	DC24V- 36V- 48V
Maximum voltage:	70mA(11V) 32mA(50V)
Type Display:	21*4 segment LCD
Operating temperature:	-20C - +70C
Display light:	White LED mode, brightness:200cd/m2

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