

KEY-DISP LED

Display User Manual
KEY-DISP 26E



English

Details

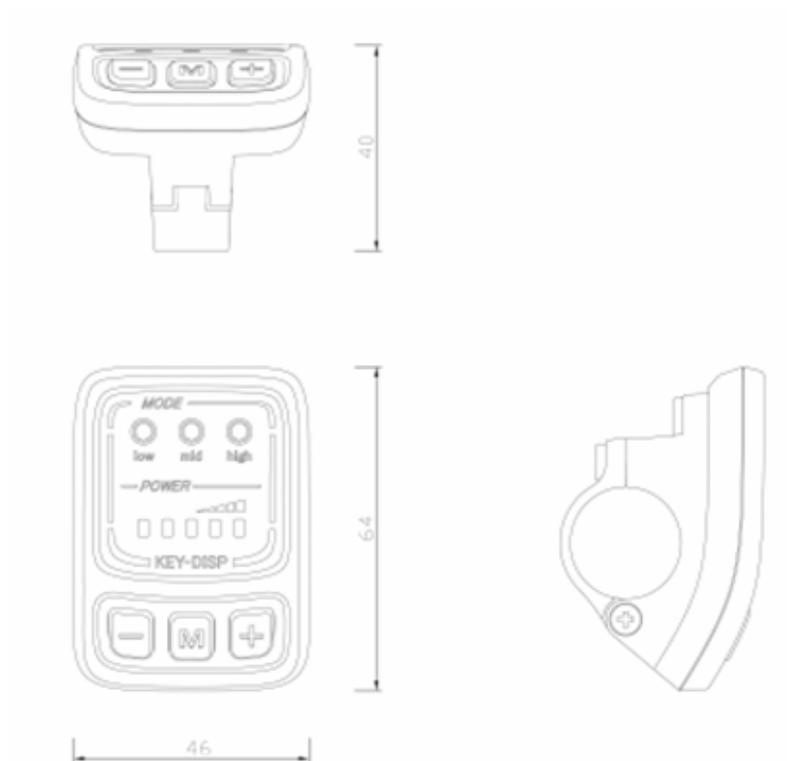
Product name and model

Electric bicycle LED display, model: KD26E.

Specifications

- 24V/36V/48V Power supply
- Rated working current: 10mA
- Maximum working current: 30mA
- Off leakage current: <math><1\mu\text{A}</math>
- Supply controller working current: 50mA
- Working temperature: $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$
- Storage temperature: $-30^{\circ}\text{C}\sim 70^{\circ}\text{C}$

Dimensions



Operation

Features

- Battery level indicator
- Pedal Assistance (PAS) level indicator
- Push-assistance function
- Light on/off (optional)

Operation

The display has three buttons; up (+), down (-), and on/off (middle button).

Turning the system on/off

To turn the system on, hold the on/off (middle) button for 2s. Hold the middle button for 2s again to turn the system off.

When the system is unused for more than 10 minutes, the system will switch off automatically.

PAS level selection

The assistance level determines the power that the motor will provide. The default value is level low. Press the (+) and (-) buttons to select higher and lower pedal assistance (PAS) levels. The power levels are low, medium, and high. You can also set the PAS to zero. The higher the level, the more power the motor will provide for you.

Battery indicator

The five battery bars represent the charge level of the battery. When the battery level starts getting lower, the bars will disappear one by one. It is recommended to charge the battery before the battery level gets too low.

Operation continued

Using the push-assistance function

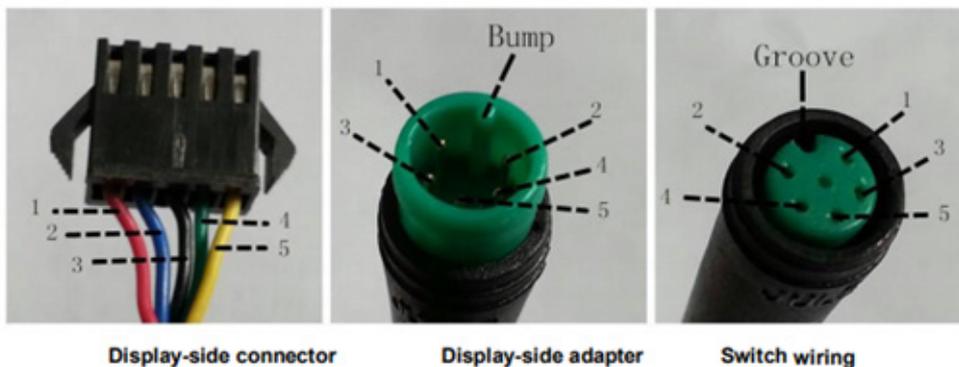
To use the push-assistance function, press and hold the (-) button. This will activate the motor and the bike will go at a continuous speed of 6 km/h. The three power-assistance level indicator lights will all flash while this function is in use. The push-assistance function switches off as soon as you release the (-) button.

The push-assistance function may only be used when pushing the bike alongside you. There is a danger of injury when the wheels of the bike do not make contact with the ground while using the push-assistance function.

Switching the light on/off (optional)

If the lights of your bike are integrated in the system, you can use the display to turn them on/off. To turn the lights on, press the (+) button for about two seconds until the lights turn on. To turn them off, press the (+) button again until the lights turn off.

Connection layout



Line sequence table

Line sequence	Color	Function
1	Red (VCC)	+
2	Blue(K)	Lock
3	Black(GND)	-
4	Green(RX)	RX
5	Yellow(TX)	TX

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