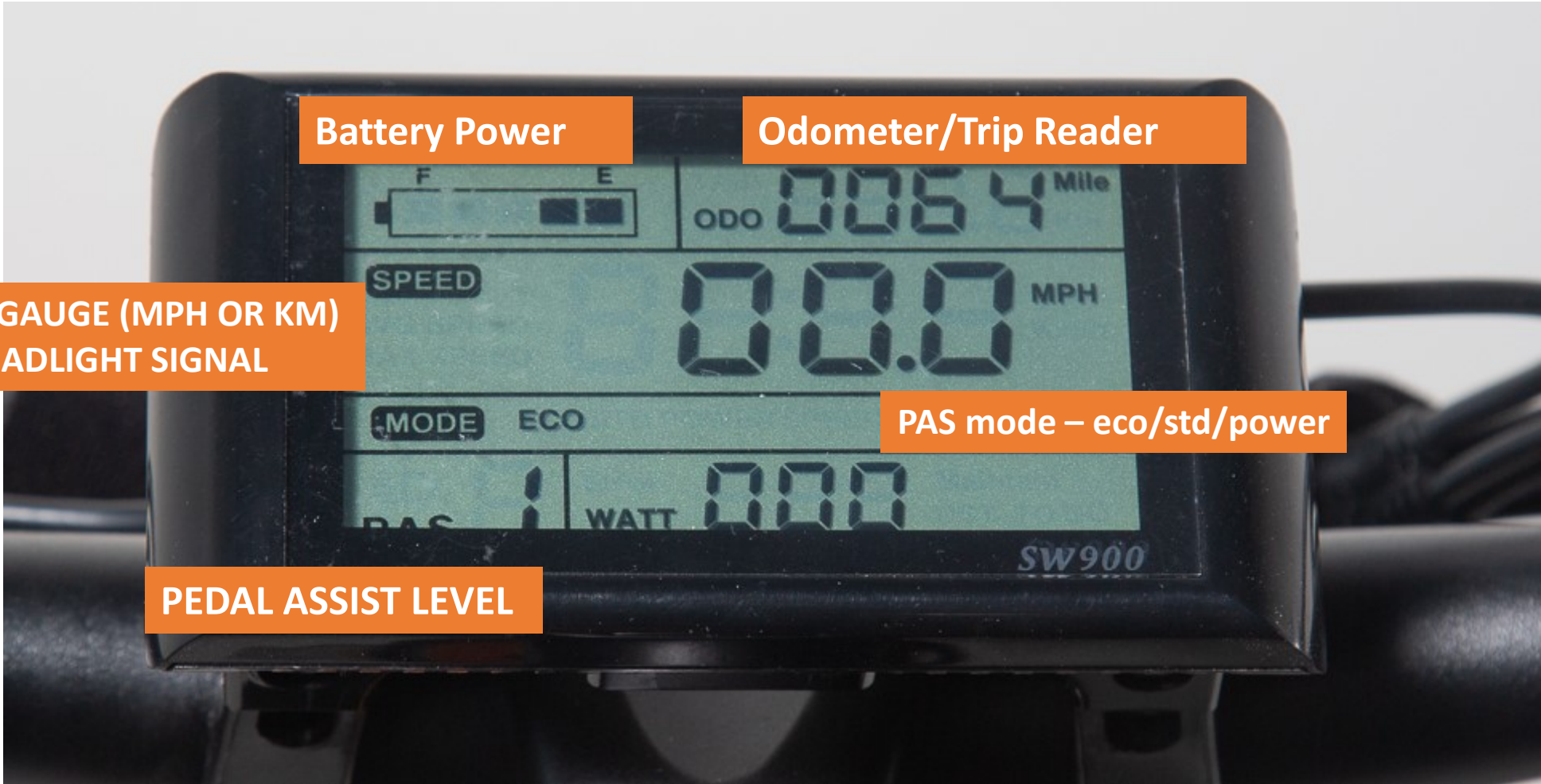


LCD Instruction Manual

Applies to all 2020 and newer FattE-Bike
models: Sgt. Mingo, Londonderry,
Penalosa, & Major T





Battery Power

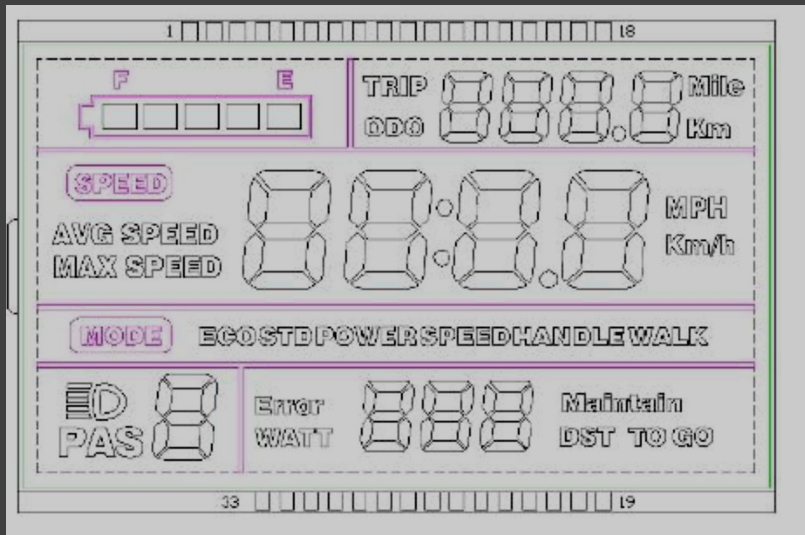
Odometer/Trip Reader

SPEED GAUGE (MPH OR KM)
HEADLIGHT SIGNAL

PAS mode – eco/std/power

PEDAL ASSIST LEVEL

What does your LCD do?



Choice: Set km/mph display according to customer preference



Intelligence Battery Indicator: Real-time display of current battery power



Headlamps Controls: Control headlamps on and off through external buttons



LCD Backlight Brightness Adjustment: Set backlight brightness. 1-darkest to 3-brightest



5 Pedal Assist Gears Control



Mileage Display: Able to display ODO, trip length, & ride time



Malfunction Error Code Troubleshooting




Parameter Setting: Set various parameters including speed shift, shut down timer, and more

Function Button Descriptions





1. Start-up & Shutdown

Long press the POWER  button (3 seconds) to turn on bike display.

Press the POWER button (for 1-2 seconds) to turn off bike the display. If the display is not utilized within 10 minutes of turning on (time can be adjusted by user), the display will automatically shut off to conserve power.

2. Pedal Assistance (PAS) Gear Choice

Short presses UP  button or DOWN  button, switch assistance gear, and change motor assistance power. 1 is the lowest, while 5 is the highest. 0 is neutral gear (PAS is off)

3. Speed Mode Switch Long press UP button and POWER button to switch speed display, circular display (REAL-TIME SPEED) → (AVGSPEED) → (MAX SPEED) → (Time)

4. Mileage Mode Switch Short press POWER button to change mileage display, circular display (Trip) → (ODO)

5. Headlamp/Taillight On and Off

Long press UP button for 3 seconds to turn on the headlamp/ taillight.

Then long press UP button for 3 seconds to turn off the headlamp/taillight.



6. Parameter Setting Under start-up state, long press UP and DOWN button, the system enters parameter setting state; in this condition, the LCD parameters can be set. Again long press UP and DOWN button, it will be out of setting state or quits automatically without operation for 10 seconds.

Under parameters settings, press UP/DOWN button to adjust values, press POWER button to switch item, and save last item parameter value.

- a) Backlight Brightness: Display P01, press UP/DOWN button, it will display 1~3, while 1 represents the darkest, 3 represents the brightest.
- b) Metric System/British System: Display P02, press UP/DOWN button to switch km/h or MPH display, set metric system/British system.
- c) P03 – DO NOT ADJUST
- d) Automatic Shutdown Time: Display P04. Press UP/DOWN button, it will display 0~60 representing shutdown minutes, while 0 means no automatic shutdown.
- e) Assistance Gear – P05 Adjust number of gears your pedal assist will shift up to. 0= 3 modes (eco/std/power), 1=5 modes (standard/default setting), 2=9 modes (3 eco/ 3 std/ 3 power)
- f) P06/P07 - DO NOT ADJUST
- g) Rate-limiting Adjust: Display P08. The speed position display rate-limiting value, default is 25km/h. Press UP/DOWN button to adjust rate-limiting value. The slowest is 10 km/h, while the fastest is 41km/h.
- h) Accumulative Mileage Reset: Display P16. The speed position displays present accumulative mileage. Long press the UP button (5 seconds), when the speed position display 0, the accumulative mileage is reset.
- i) Display P18. Long press the UP button (5 seconds), when the speed position displays SSSS, restores default setting.



j) S900 can provide warning for the whole vehicle. The LCD displays ERROR logo when the malfunction is tested. The error code position displays error code n=21~25, which represent the following:

State Code (Decimalism)	State Meaning	Process Mode
0	Normal	
10	Communication abnormality	Check whether the instrument cable is connected well
21	Current abnormality	Check whether the Three phase power line is short.
22	Handle abnormality	Check the handle connection. If connection is normal, replace the handle
23	Motor default phase	Check whether the power line is loose
24	Motor Hall signal abnormality	Check the Hall connection.
25	Brake abnormality	Check the brake connection. If connection is normal, replace the brake.





Your FattE-Bike LCD is covered by our warranty. Please see FattE-Bike warranty manual for details. For any questions with your LCD please contact us at:

By Phone: 720-440-2971

Or by email at : mike@fattebikes.com