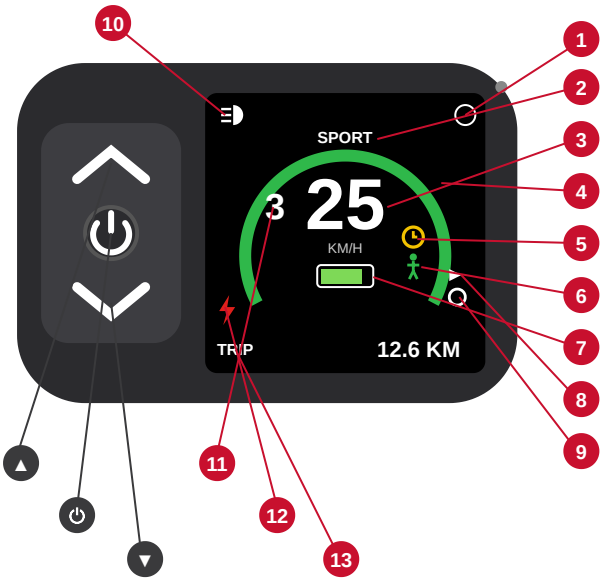
Lyra G3 and Dewi G3

Display user manual

Van Beijck & Sitgo

Lyra G3 (1.54") and Dewi G3 (2.4")



The display shows at a glance how fast you are riding, which assistance level is selected and how full the battery is. The **Lyra G3** can be **mounted on the left or right** of the handlebar.

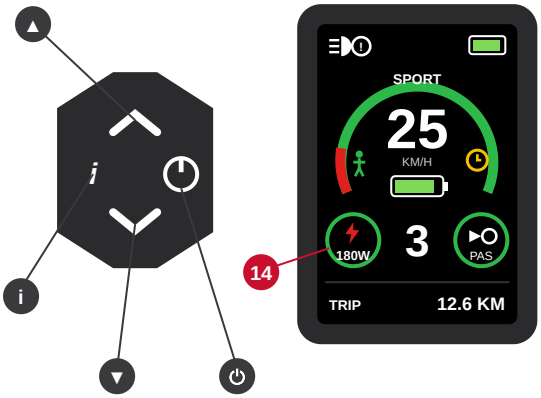
1. Brake (you are braking)
2. Riding mode: ECO, CITY or SPORT
3. Speed
4. How much assistance the motor gives
5. Cruise control on
6. Walk assist on
7. Battery level
8. Pedal sensor active (you are pedalling)
9. Throttle active
10. Lights on
11. Assistance level 1–5 (0 = off)
12. Assistance on / off
13. Info: TRIP, ODO, average and max. speed

▲ Up button

⏻ Power button

▼ Down button

Dewi G3: larger screen and separate control unit



The Dewi G3 works the same as the Lyra G3 and shows the same symbols (1 to 13). The differences:

The screen is larger (2.4 inch) and is a **centre display**: it sits in the middle of the handlebar.

The buttons are on a **separate control unit** on the handlebar, with one extra button: the **i button**.

14. Motor power in watts

i Info button: changes the riding mode (ECO, CITY, SPORT)

Operation

What do you want to do?	How to do it
Display on or off	Hold ⏻ for 3 seconds.
More or less assistance	Briefly press ▲ or ▼. There are **5 levels**: 1 is the least, 5 the most assistance. At level **0** the motor gives no assistance.
Lights	Switch on **automatically** when it gets dark and off when it gets light (light sensor). To switch them yourself, hold ▲ for 3 seconds.

Screen brightness	Adjusts **automatically** : dimmer in the dark, brighter during the day.
Other information at the bottom (TRIP, ODO, speed)	Briefly press ⏻.
Reset trip counter (TRIP)	Hold ⏻ and ▼ together for 3 seconds.
Change riding mode (ECO, CITY, SPORT)	**Lyra G3:** hold ⏻ and ▲ together. **Dewi G3:** press i.
Walk assist (pushing the bike)	Hold ▼ . The bike then moves along slowly (max. 6 km/h). Release to stop.
Cruise control	While riding, hold ▼ . Braking, pedalling, using the throttle or pressing a button switches it off.

Riding mode

The riding mode sets how much power the motor gives at each level.

Mode	Power	When to use?
ECO	Less power	Economical: the battery lasts longest.
CITY	Medium	For everyday use.
SPORT	More power	For example for hills or headwind.

Info: testing components

Using the information at the bottom of the screen you can check whether all components work properly. Useful if something does not work, or if your dealer asks for it.

What do you want to do?	How to do it
Open test screen	Briefly press ⏻ until the bottom shows **TEST** . Then press ▲.
Next test screen	Briefly press ⏻. You will see in turn: • voltage, current and power • motor • battery • pedal sensor and throttle • brake and speed sensor • temperature (not on every system)
Display details (ABOUT)	Briefly press ⏻ until the bottom shows **ABOUT** . Then press ▼. You will see the software version and model, among other things.

Ride safely: only operate the display when you are standing still or when traffic allows. While

> riding, keep your eyes on the road.

Warnings (yellow)

The display flashes a yellow message. You can usually solve it yourself.

On the screen	What does it mean and what to do?
WARNING COMMUNICATION INTERRUPTED	**No connection between display and controller.** Switch the system off and on again. If the message returns, have your dealer check the cable.
WARNING OVER CURRENT	**The motor is drawing too much current.** Choose a lower level or ride more gently.
WARNING LOW VOLTAGE	**The battery is empty.** Charge the battery.
WARNING SPEED SENSOR BROKEN	**No signal from the speed sensor.** Contact your dealer.
WARNING MOTOR HALL BROKEN	**Fault in the motor sensor.** Contact your dealer.
WARNING CONTROLLER / MOTOR OVERTEMP	**Controller or motor is too hot.** Choose a lower level and let it cool down.

Faults (red)

Caution: with a red ERROR message, stop riding and switch the system off. Do not try to repair it yourself; contact your dealer.

On the screen	What does it mean?
ERROR VERSION DISMATCH	Display and controller do not match (different software version).
ERROR SYNCHRO FAIL	Display and controller cannot synchronise their settings. Switch the system off and on again.
ERROR CONTROLLER BROKEN	Short circuit in the controller. Switch the battery off immediately.
ERROR CONTROLLER MEMORY FAIL	Memory error in the controller. The controller must be replaced.

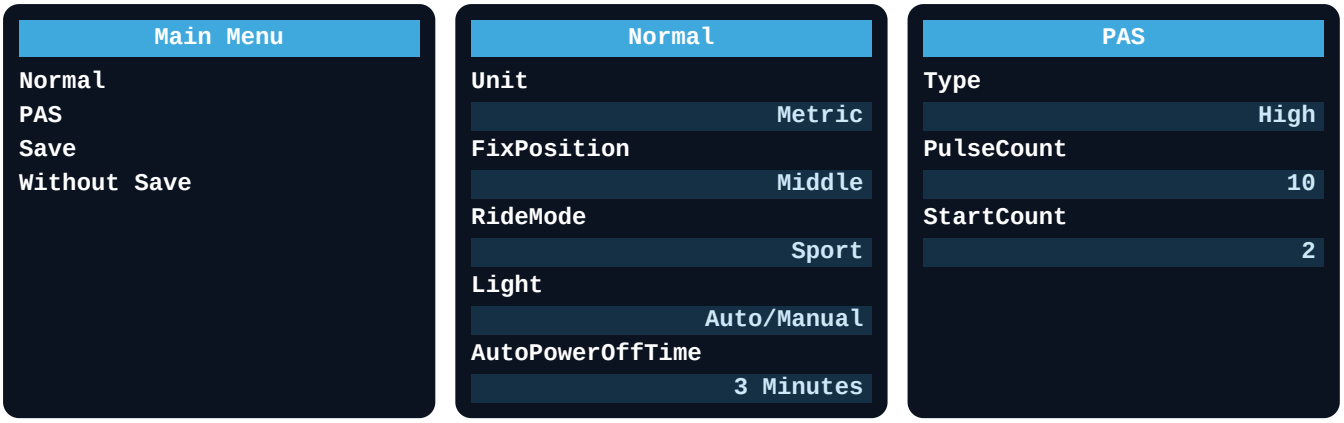
ERROR DISPLAY MEMORY FAIL	Memory error in the display. The display must be replaced.
ERROR GALLOP THROTLE FAIL	Throttle: you used the throttle while switching on, or the throttle is faulty. Release the throttle and switch the system on again.
ERROR MOTOR DISCONNECTED	The motor cable is loose or broken.

Settings

You can adjust a few things yourself. The important settings of your bike are stored in the controller and are not changed by this.

Open the menu: switch the display on and press **within 3 seconds** together ⏻ and ▲. If the display asks for a PIN code, enter **7624** . Some displays do not ask for a code; you will then see the menu straight away.

Use ▲ and ▼ to choose an item and ⏻ to open or confirm. At the end, choose **Save** or **Without Save** .



Setting	What does it set?
Unit	Metric = km and km/h, British = miles.
FixPosition	Where the display is on the handlebar. **Lyra G3:** Left or Right. **Dewi G3:** Middle.
RideMode	Default riding mode: ECO, CITY or SPORT.
Light	Auto/Manual = automatic via the light sensor, and also with the button (default). Manual = button only. On = lights always on.
AutoPowerOffTime	After how many minutes without riding or pressing a button the system switches off (3–20 minutes).
PAS – Type	Direction of the pedal sensor (Low, High or Auto). No assistance when pedalling? Try the other setting.
PAS – PulseCount	Number of magnets in the pedal sensor.
PAS – StartCount	How quickly assistance starts after pedalling (higher = later).

Caution: a wrong setting can stop the bike from working properly. In doubt? Choose **Without Save**, and everything stays as it was. Or call us: +31 545 796520.