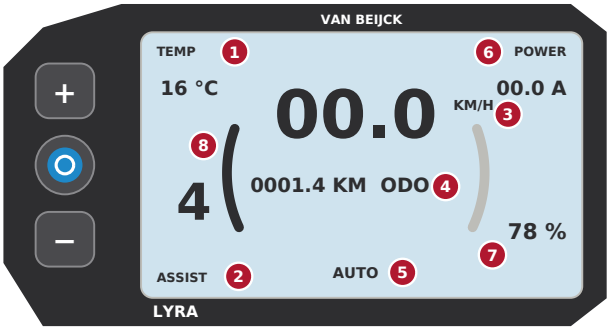
USER GUIDE

Lyra V2 and Dewi V2 display

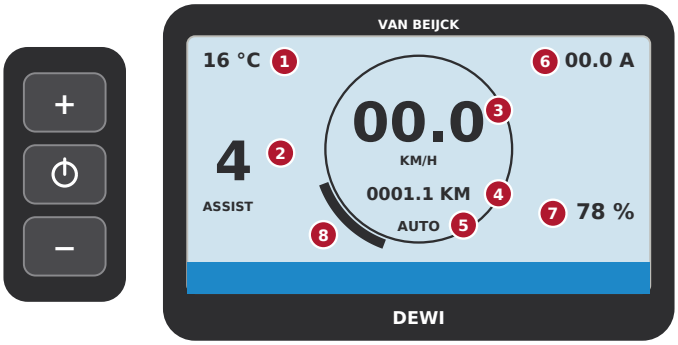
Operation, screen layout, settings and error codes of the Van Beijck Lyra V2 and Dewi V2 displays. Both work the same way.

What you see on the screen

Lyra V2



Dewi V2 (with separate control unit)



No.	Indicator	Meaning
1	TEMP	Outside temperature (°C or °F).
2	ASSIST	Assistance level; in the event of a fault, the error code appears here.
3	SPEED	Current speed (km/h or mph).
4	TRIP / ODO	Switches between trip distance, total distance, average, maximum and riding time.
5	AUTO	The automatic light sensor is on.
6	POWER	Current power / current consumption.
7	BATTERY %	Battery charge in percent.
8	Status arc	Battery charge, shown as an arc around the speed.

Operation

On the Lyra V2 the buttons are to the left of the screen; on the Dewi V2 they are on the separate control unit on the handlebar. The top button is +, the middle one on/off and the bottom one −.

Button	Short press	Long press
+	More assistance	Lights on/off (if not set to AUTO)
On/off (middle)	Switches TRIP, ODO, TIME, AVG, MAX	2 seconds: system on or off
−	Less assistance	When stationary: walk assist (approx. 6 km/h)
+ and − together	–	In the TRIP screen: reset the trip

Settings menu

1 Open the menu
Hold + and − together.

2 Select
Use the on/off button to go through the items.

3 Change
Change the value (for example brightness or km/h – mph) with + or −.

4 Save
Hold the on/off button down to save and leave the menu.

> **i** Do you see a spanner symbol? Then the display is in the settings menu or there is a fault.

Error codes

In the event of a fault, the error number appears **in place of the assistance level** (number 2 in the drawing).

Code	Fault	Cause	What to do
1	Current fault	Usually a short circuit in the controller.	Replace the controller.
2	Throttle	Throttle signal missing or incorrect.	Replace the throttle.
3	Motor phase	Controller does not detect one or more motor phases.	Check the motor cable and plugs.
4	Motor Hall sensor	Problem with the Hall sensors in the motor.	Check the motor cable and Hall plug.
5	Brake sensor	Brake sensor constantly gives a brake signal.	Disconnect the brake sensor; if the fault disappears, replace the brake sensor.
6	Pedal sensor	Pedal sensor faulty or giving a wrong signal.	Disconnect the pedal sensor; if the fault disappears, replace the pedal sensor.
7	Voltage too high	Set battery voltage is incorrect.	Set the correct battery voltage in menu F0 (or ask your dealer).

Code	Fault	Cause	What to do
8	Communication	No connection between display and controller.	Disconnect all plugs and reconnect them firmly; if the fault remains, call your dealer.