



# MAHLE PulsarONE High-Contrast Wireless Display User Manual

[Home](#) » [MAHLE](#) » MAHLE PulsarONE High-Contrast Wireless Display User Manual 

## Contents

- [1 MAHLE PulsarONE High-Contrast Wireless Display](#)
- [2 PULSARONE EBIKE DISPLAY](#)
- [3 Product Usage Instructions](#)
- [4 QUICK START](#)
- [5 DISPLAY FEATURES](#)
- [6 MODES](#)
- [7 FCC STATEMENT](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)
- [9 Related Posts](#)

# MAHLE

**MAHLE PulsarONE High-Contrast Wireless Display**



## PULSARONE EBIKE DISPLAY

### DISPLAY FEATURES

Function	English	German	Spanish	Italian
Clock	Uhr	Reloj	Orologio	
Speed		Geschwindigkeit		
Assistance Level		Leistungsstufen	Nivel de Asistencia	Livello di assistenza
Power Sensor Calibration		Kalibrierung von Leistungssensoren	Calibrar sensor de potencia	Calibrazione del sensore di potenza
Distance		Distanz	Distancia	Distanza
System Status		Systemstatus	Estado del sistema	Stato del sistema
Lock		Sperre	Bloqueo	Blocco
Power Meter		Leistungssensor	Sensor de potencia	Sensore di potenza
Heart Rate		Herzfrequenzmonitor	Monitor cardiaco	Monitor cardiaco
Watts		Watt	Wattios	Watts
eBike Mileage		Kilometerstand	Kilometraje	Chilometraggio
Walk Mode				

### Product Usage Instructions

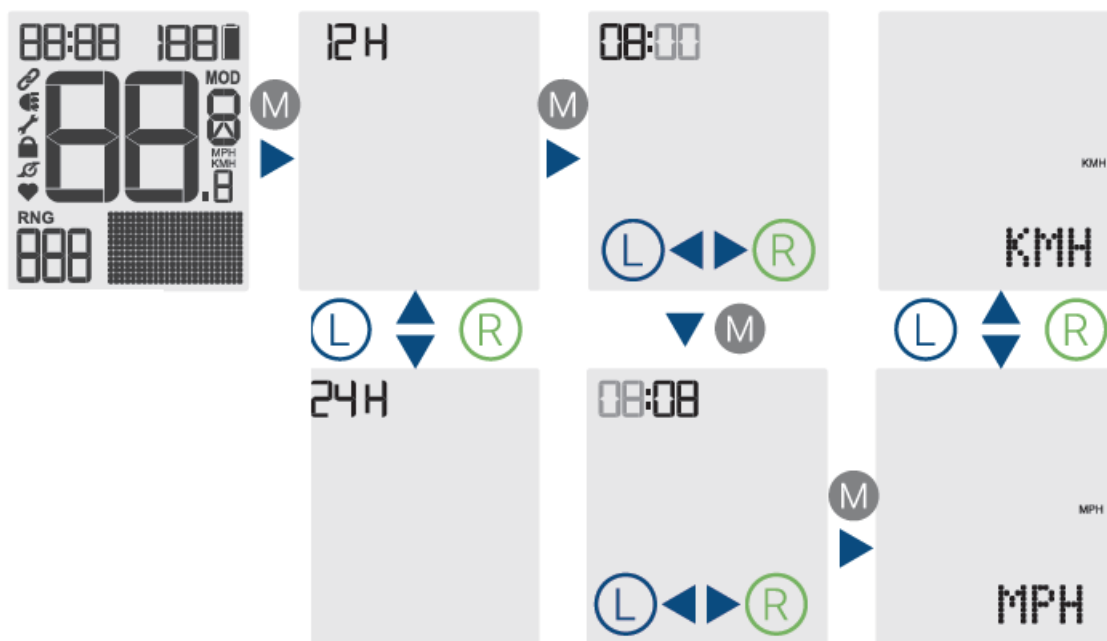
1. Once the battery is installed, the device turns on automatically and the initial set up can be started.
2. To pair the device with compatible devices, press the M button.
3. If calibration is required for compatible devices, it should be done before starting the ride.
4. To turn off the device, press and hold the M button for 10 seconds.
5. To access the menu, press and hold the L and R buttons for 3 seconds.
6. To view the last ride data, press any button twice.
7. To reset the data from your last ride, press and hold the L button for 2 seconds.
8. If no eBikes are detected for 30 seconds, the screen turns off to save battery. To start a searching process again, short press the M button.
9. The display will automatically pair to a previously paired eBike. If a previously paired eBike is not detected, the pairing process must be done from the setup.

## QUICK START

### 1. Install

### 2. SET UP

Once the battery is installed, the device turns on automatically and the initial set up can be started.



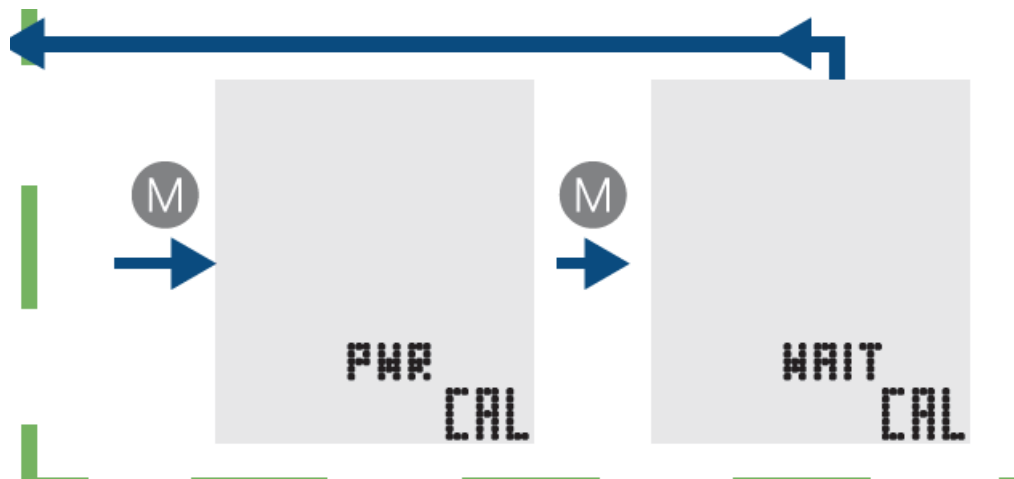
### 3. PAIRING

Once initial configuration is done, the search of compatible devices will start by pressing M Key.



### 4. Power sensor calibration

In case that the compatible device requires calibration, the process shall be completed before starting the ride.

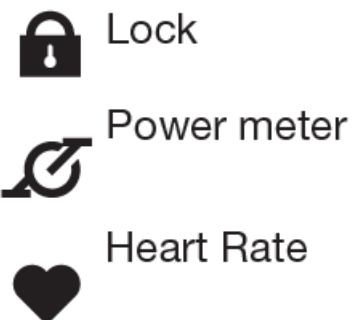
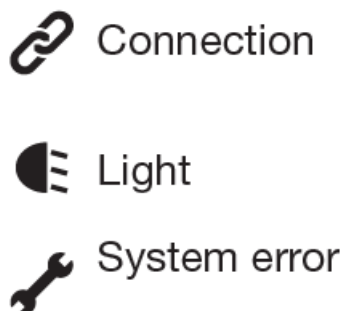


## DISPLAY FEATURES

1. Clock
2. Speed
3. Battery Level
4. Assistance Level



5. System status



6. Range

7. Functions

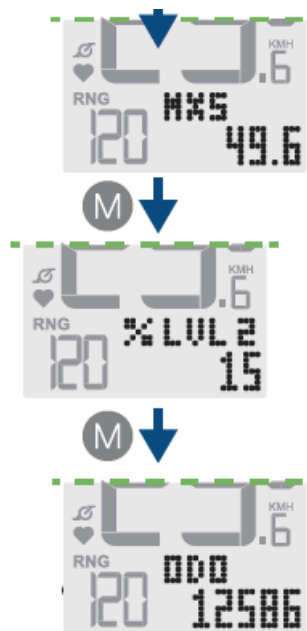
- Distance
- Ride Time
- Heart Rate



- Candence
- Watts
- Avg Speed



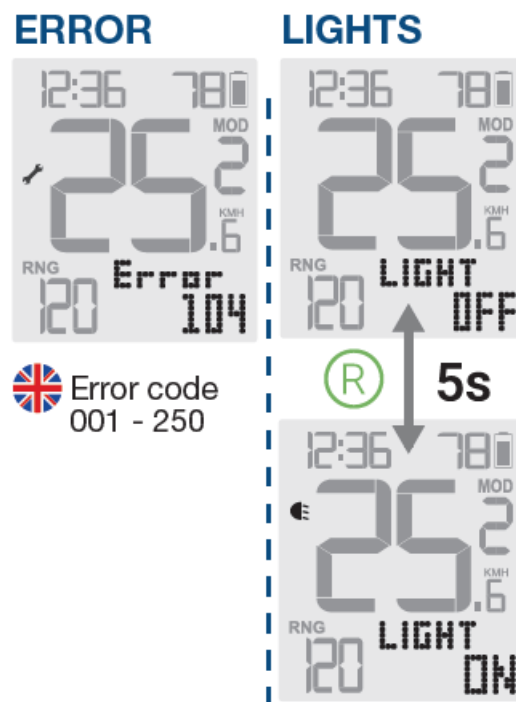
- Max Speed
- Configured Assist Level
- Mileage



An extra sensor is needed

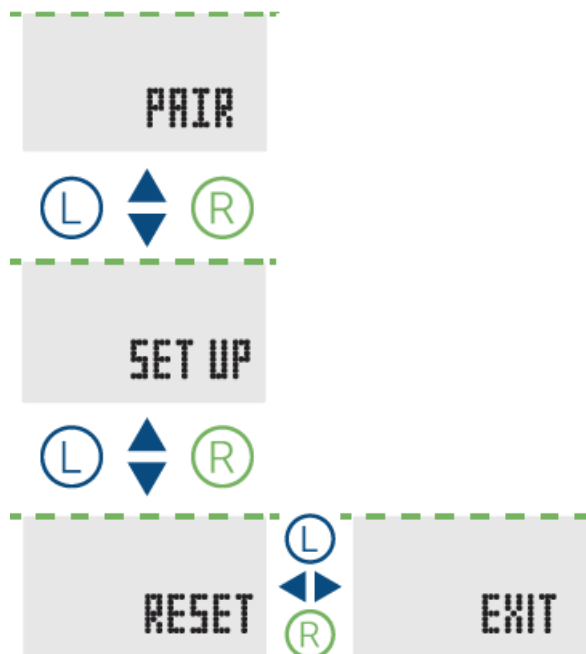
\*\*Minimum displayable cadence: 30

## MODES



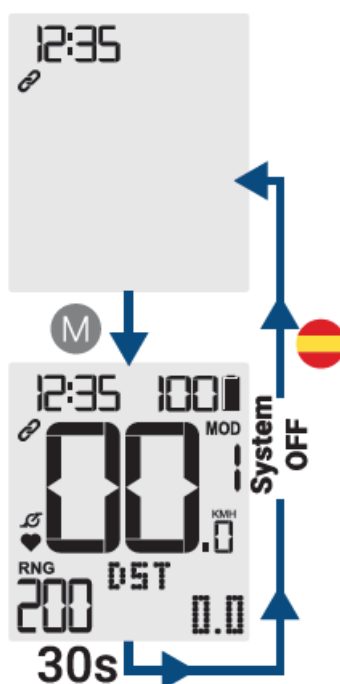
Press and hold button R for 5 seconds to activate / deactivate.

## ACCESS TO MENU



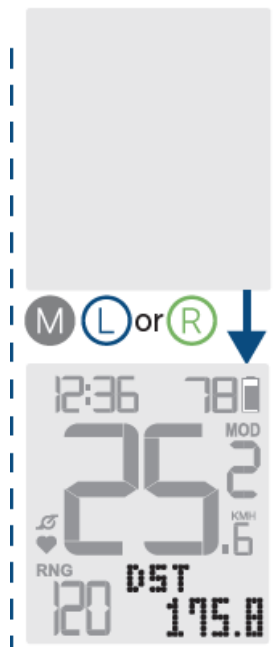
Press and Hold L and R keys for 3 seconds to enter into the MENU.

## RE-PAIRING



The display will automatically pair to a previously paired eBike. If a previously paired eBike is not detected, the pairing process must be done from the setup. When no eBikes are detected for 30 seconds, the screen turns off to save battery. To start a searching process again, short press the M button.

## RIDE DATA



Press any button twice to check last ride data.

## RESET



Press and Hold L key for 2 seconds to reset the data from your last ride.

## LOW BATTERY





Replace Display Battery.

**Model:** 33010000000000

## FCC STATEMENT

**Caution:** If any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment. The RF Exposure Compliance distance is 20 millimeters.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Hereby, MAHLE declares that the radio equipment type of this PULSARONE is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<https://mahle-smartbike.com>

## WARNING

KEEP OUT OF REACH OF CHILDREN Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe can occur within 2 hours of ingestion. If it is suspected has been swallowed or placed inside any part of the body seek medical attention immediately.

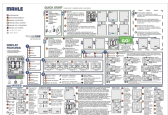
Designed by MAHLE in Europe. Assembled in PRC.

## Class B Equipment

(For Home Use Broadcasting & Communication Equipment)

This equipment is home use (Class B) electromagnetic wave suitability equipment and to be used mainly at home and it can be used in all areas.

## Documents / Resources



**[MAHLE PulsarONE High-Contrast Wireless Display](#)** [pdf] User Manual  
X20, X35, PulsarONE High-Contrast Wireless Display, PulsarONE, High-Contrast Wireless Display, Wireless Display, Display

## References

- [m Home - MAHLE SmartBike Systems](#)

Manuals+.