M3 WR

VDO
CYCLECOMPUTING

Installation video

Operating video

Settings video

www.vdocyclecomputing.com/service

Preface

Congratulations
In choosing a VDO computer, you have opted for high-quality
device with first rate technology.
To optimally use the computer, we recommend that you read
this manual carefully. It contains full operating instructions
and many useful tips.
We hope you enjoy cycling with your VDO computer.

Cycle Parts GmbH

Pack contents

First, please ensure that the contents of this pack are
complete:

1 VDO computer
1 battery for the computer
1 universal handlebar bracket with cable and sensor
1 spoke magnet (clip magnet)
  cable ties for attaching the bracket and the sensor
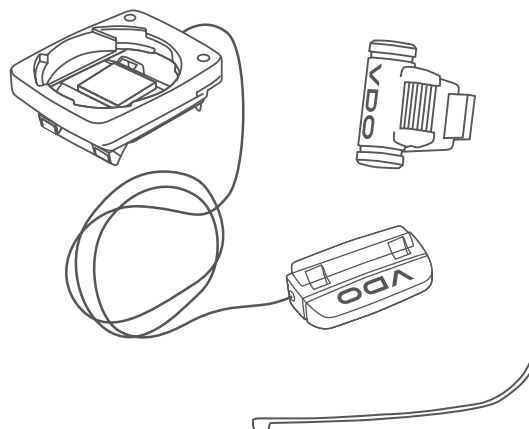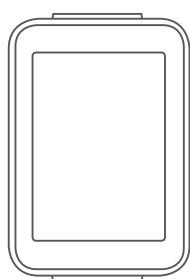1 quick-start instruction manual

Table of contents

Display

The VDO M3 has a large, easy-to-read display that can be divided into **three areas**.
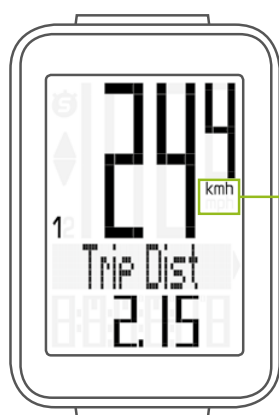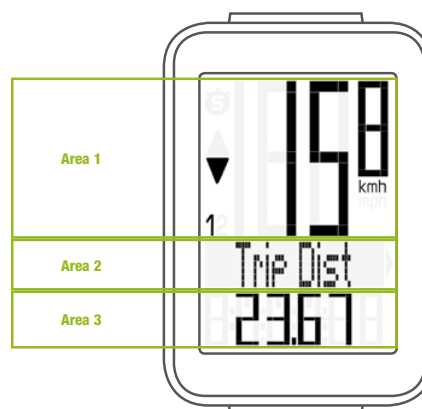
Area 1:
The top line of the display permanently indicates the current speed.

Area 2:
The middle line uses clear text to display a description of the selected indicator function.

Area 3:
The bottom line of the display shows the value for the selected function.

On the right of the display, under the speed indicator, the unit kmh or mph is displayed.

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Display

On the left of the display, next to the speed indicator,
you will find the icons:

"🄢": the icon is ON
if the trip section counter has been started.
A more detailed description of the trip section counter can be
found on page 31.

"1" or "2"
The VDO M3 can be used on two bikes.
The indicator icons 1 and 2 show you whether your VDO M3
is currently using the settings for bike 1 or bike 2.
A description of how to switch between bike 1 and bike 2
can be found on page 33.
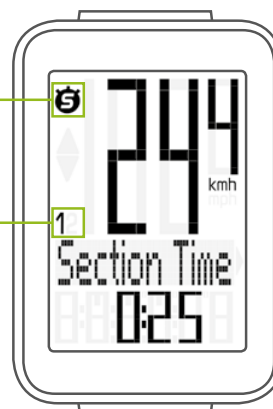
"UP/DOWN arrow" ▲ ▼
The arrows indicate whether you are currently travelling
quicker or slower than your current average speed.

Buttons

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The VDO M3 has two buttons.
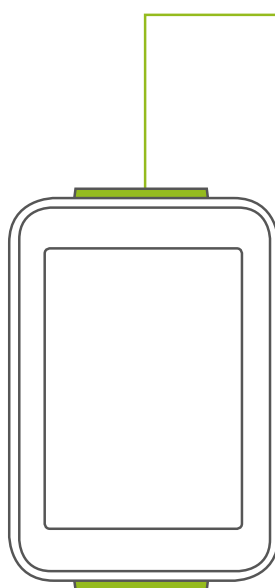
SET

In function mode:
– Scroll backwards through the functions
– Open the setting mode
  (press and hold)
– Access the total values for distance
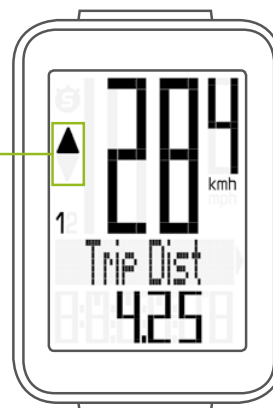 and ride time (press and hold)

In setting mode:
– Open the setting
– Confirm the setting once ready
– Exit setting mode and return to
  function mode

BIKE

In function mode:
– Access the bike functions
  (scroll forwards through the functions)
– Reset trip data to zero
  (press and hold)

In setting mode:
– Scroll in the setting menu
– Change the data to be set
– Exit setting mode and return to
  function mode

Functions

The VDO M3 has the following functions:

Current speed
The current speed is permanently shown on the display. With a wheel circumference of 2,155 mm, the maximum possible speed is 199 kmh or 124 mph.
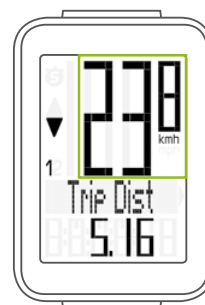
Current distance
The current distance (distance for the current trip) counts up to 9,999.99 km or miles. If this maximum value is exceeded, the counter restarts the current distance count at zero.
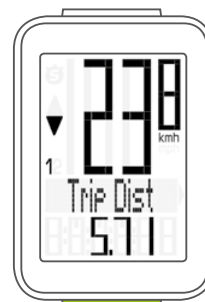
Current ride time
The current ride time (ride time for the current trip) counts up to 99:59:59 HH:MM:SS.
If this value is exceeded, the ride time counter restarts at zero.
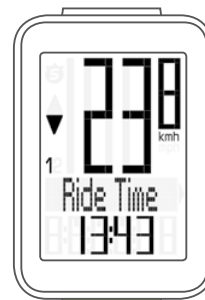
Average speed
for the current trip

The average speed is specified to two decimal places.
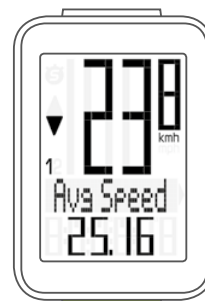
Maximum speed
for the current trip

The maximum speed is specified to two decimal places.
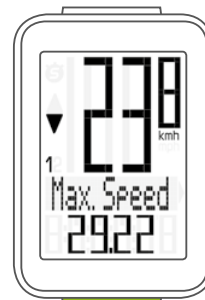
Functions

Section time

The VDO M3 has a trip section counter.
The trip section counter is like a stopwatch.
If the trip section counter is running,
the **section time** is recorded, as on a stopwatch.

When the trip section counter is running,
the **section distance** is also recorded.

The trip section counter is started and stopped by pressing
the **BIKE + SET** buttons (simultaneously press both buttons –
do NOT hold).

ATTENTION: the trip section counter stops automatically
when the speed is zero.

A detailed description of the trip section counter can be found
on page 31.
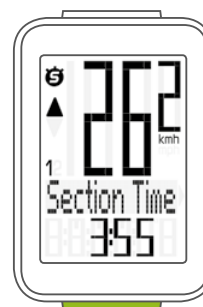
Section distance

Shows the distance travelled while the trip section counter is
activated.

Functions

Navigator

The navigator is a second, completely independent
trip distance counter.

The navigator is used to measure trip sections.
The navigator is particularly helpful when riding a route
shown in a road book.

The navigator can:
– be reset to zero as often as desired and independently
   of the trip distance counter
– be preset to a specific value
– count forwards or backwards from this value

Navigator setting range:
-99.99 to +999.99 KM or M

Information on how to operate the navigator can be found
on page 29.

Temperature

The VDO M3 has a temperature indicator.
The temperature is displayed in increments of 0.1 degrees.
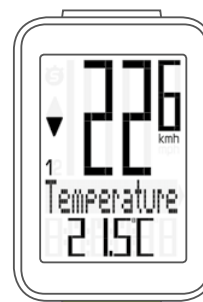
Clock

The current time is displayed in 24 H or 12 H mode.

Information on how to set the time can be found on page 23.

Accessing the total values

The total values for the distance travelled and the ride time are accessed separately from the data for the CURRENT trip.

To access the totals, **press and hold** the **SET button** until the menu opens.

Press the **SET button** to open the **Totals (total values)** screen.
Press the **BIKE button** to scroll in the **Totals**.

The total distance 1 (cumulative distance for all individual trips on bike 1) is displayed first.
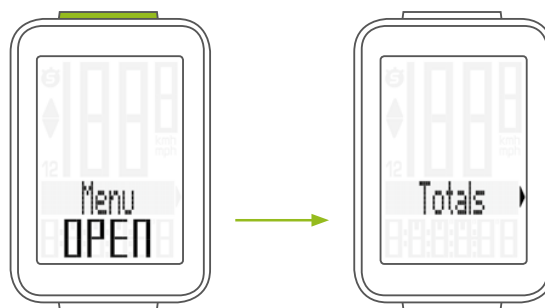
Total distance 1

(Cumulative value for all trips on bike 1)

The total distance counts up to 99,999 km or miles.
If this value is exceeded, the total distance counter restarts at zero.
If the unit is switched from miles to km and the conversion result is greater than 100,000 km, the total distance counter is reset to zero.

Press the **BIKE button** to scroll to **total ride time**.
(Cumulative value for all trips)

The total ride time counts up to 9999:59 HHHH:MM.
If this value is exceeded, the total ride time counter restarts at zero.
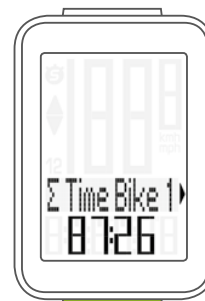
Accessing the total values

If you have also used bike 2, when continuing scrolling by pressing the BIKE button, the values for bike 2 are also displayed here.

Press the **BIKE button** to scroll on to **Total distance bike 2**

Σ Dist Bike 2▶
29

Press the **BIKE button** to scroll on to **Total ride time bike 2**

Pressing the **BIKE button** also enables you to access the **total values** (cumulative value for bike 1 + bike 2).

Press (and hold) the SET button to return from the total values information to the normal function mode.

Σ Time Bike 2▶
26:35

Σ Distance ▶
36

Σ Ridetime ▶
1:33
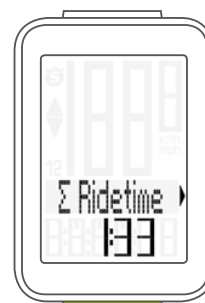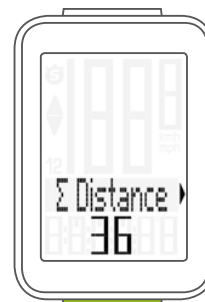
Operation while cycling

While cycling, the display functions can be accessed
by pressing the **BIKE** button (scroll forwards through the
functions**).**

Pressing the **BIKE** button shows the next function on the
display.

By pressing the **SET button** you can also **scroll backwards**
through the functions. This enables you to quickly display the
desired function.

SET

BIKE
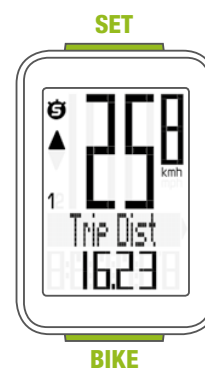
Sleep mode

If you take a break and the **M3 is in the bracket,**
the computer switches to **sleep mode** after **five minutes**.
The model name VDO M3 and the time appear on the display.

If you set off again after a break, the VDO M3 has an
auto-start function.

The VDO M3 instantly switches back to the function mode and
the current speed and distance are once again displayed.
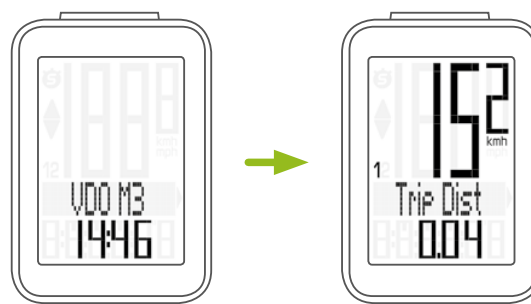
Attaching the bracket and the sensor

Start by attaching the sensor and the magnet.

STEP 1
Place the rubber shim under the sensor. Attach the sensor to the fork side that corresponds to the side on which you later want to attach the computer to the handlebars (right or left) using the cable ties supplied (loosely at first, do not pull tight just yet).

ATTENTION: the sensor mark on the sensor should point to the spokes.

Depending on the space available, the sensor can be fitted to the front, inside or back of the fork.

STEP 2
Attach the spoke magnet to an outside spoke. The rod-shaped magnet core points toward the sensor with the VDO logo. Align the magnet with the sensor marking on the sensor at a distance of approx. 1-5 mm .

STEP 3
Align the sensor and the magnet in their final positions and fasten them in place:
pull the cable ties tight and push the magnet in firmly.

STEP 4
Move the cable along the fork until it reaches the fork bridge. From there, wind the cable further along the brake line until it reaches the handlebars.

STEP 5
Decide whether you want to use handlebar or stem attachment and rotate the base of the handlebar bracket by 90° accordingly. To do so, undo the screws on the bracket, remove the foot and rotate it 90° then insert and tighten the screws again.
ATTENTION: do not overtighten the screws.

STEP 6
Guide the cable ties through the slot in the handlebar bracket, place around the handlebars or the stem and pull (do not pull tight just yet).

STEP 7
For handlebar attachment: align the computer angle to achieve optimum readability.
Now pull the cable ties tight.
Use clippers to snip off protruding cable ends.

A helpful attachment video can be found on our website.
www.vdocyclecomputing.com/service

1 **SENSOR** **3**
1–5 mm
2
4
5 – 7
90°

13
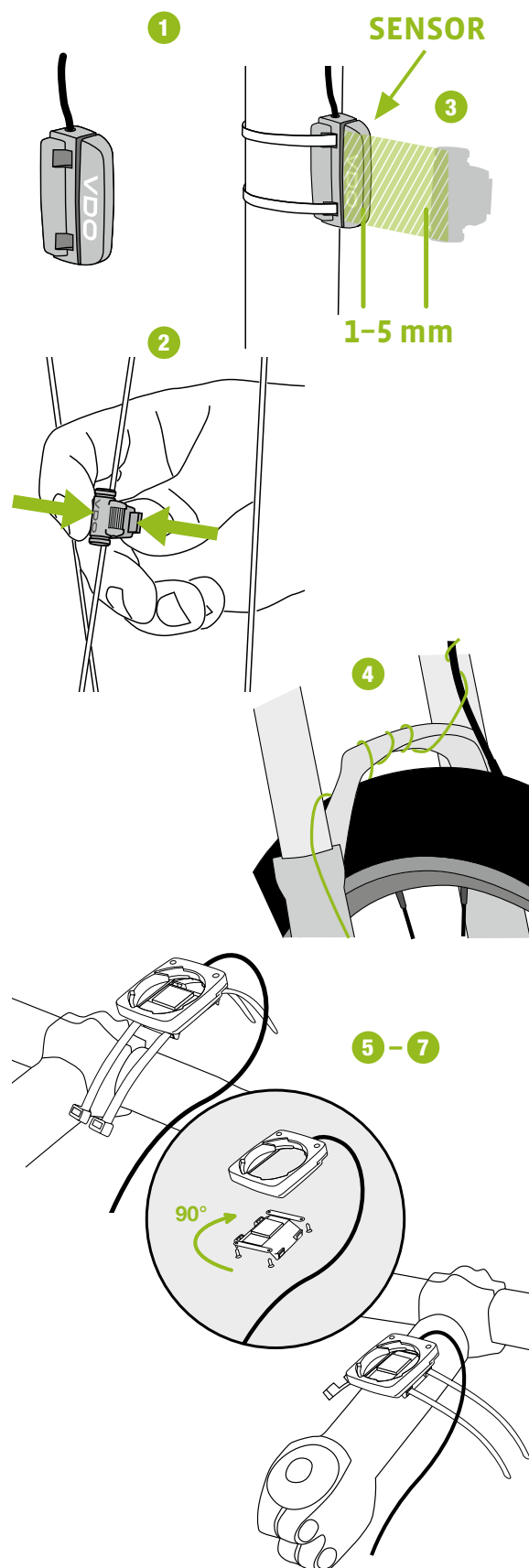
Inserting the computer into the bracket

The VDO twist-click system securely connects the computer to the handlebar bracket.

How to insert the computer:

STEP 1
Place the computer into the bracket in a 10 o'clock position.

STEP 2
Rotate the computer to the right into the 12 o'clock position and click it into the bracket system. A noticeable resistance must be overcome to move it into place.

STEP 3
To remove the computer, rotate it to the left (without pushing or pulling).

Memory aid: **R**igid to the **R**ight, **L**oose to the **L**eft

LOCK

UNLOCK

1. LOCK   2. CLICK

2. UNLOCK
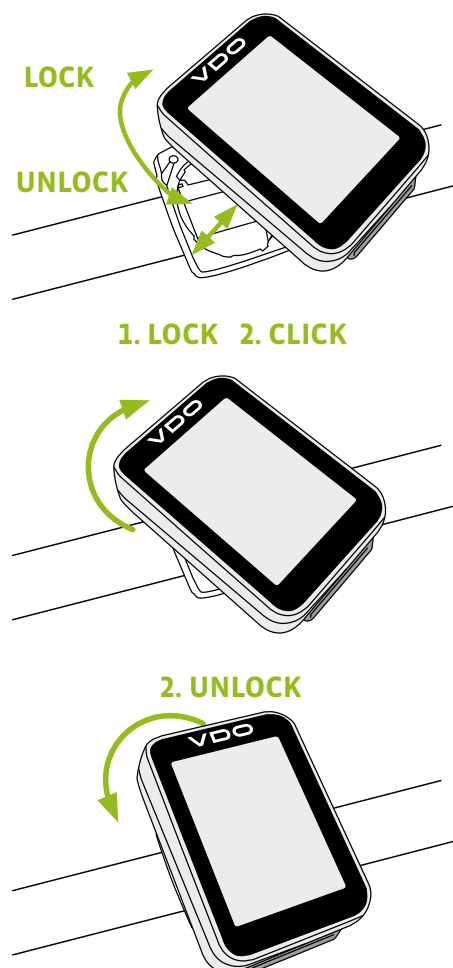
Function testing

Once the transmitter has been attached, check that it functions correctly.

How to test the transmitter:
– Insert the computer into the bracket.
– Lift and spin the front wheel.
– A speed should now be displayed on the computer.

If no speed is displayed, there can be several reasons for this. The possible reasons are described in the **"Trouble-shooting"** section.

Settings – language

The following display languages can be selected for
the VDO M3:
– German
– English
– French
– Italian
– Spanish
– Dutch
– Polish

How to select the language:
Press and hold the SET button until the settings menu
opens.

The **Totals (total values)** first appear on the display.
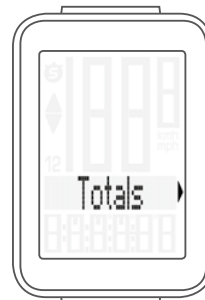
Press the **BIKE button** to scroll to **Settings**.

Press the **SET button** to open the settings.
"Language" appears on the display.

Press **SET** to open the **language** settings.
"English" flashes.

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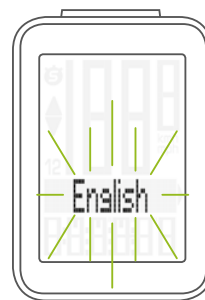
Settings – language

You can now press the **BIKE button** to select a different language.

Press the **SET button** to confirm your language setting.
The response **"Set OK"** appears on the display.

If you want to configure further settings,
press the **BIKE button** to access these.

If you do not want to configure any further settings,
press and hold the SET button.

The settings menu closes.
The VDO M3 returns to function mode.

Settings – unit

Use the unit settings to specify the measurement formats for:
– Speed (kmh or mph)
– Temperature (C or F)
– Clock (24-hour or 12-hour with AM/PM)

How to set the unit:
Press and hold the SET button until the settings menu opens.
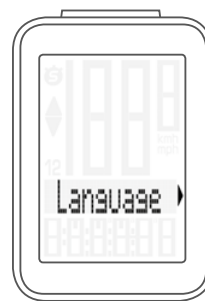Press the **BIKE button** to scroll from **Totals** to **Settings**.

Press the **SET button** to open the settings.
"Language" appears on the display.

Press the **BIKE button** to scroll to the setting for the **Dimension**.
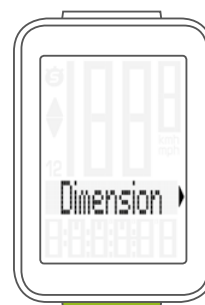
Press the **SET button** to open the unit setting.
First set the unit for the **speed**.

"KMH" flashes in the bottom line of the display.
Press the **BIKE button** to change the unit to **"MPH"**.

Press the **SET button** to confirm the setting.

The setting for the **temperature** unit next appears on the display. Set whether the temperature should be displayed in **Celsius** or **Fahrenheit**.

Press the **BIKE button** to make your selection.

Press the **SET button** to confirm your selection.

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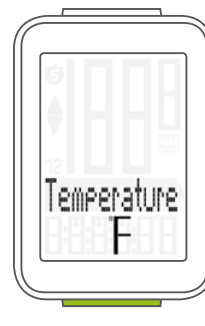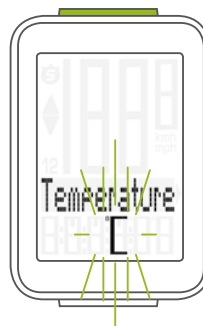
Settings – unit

The setting for the **time format** now appears on the display.
Here, you can select a **24-hour** format or a **12-hour** format
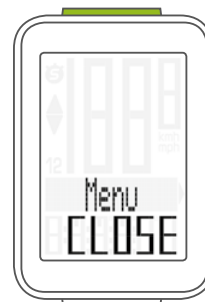with AM/PM.

Press the **BIKE button** to make the selection.
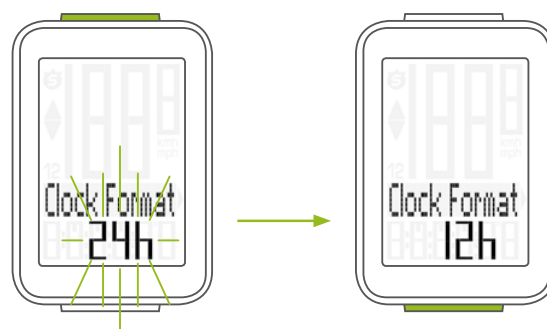
Press the **SET button** to confirm the selection.

The response **"Set OK"** appears on the display.

If you want to configure further settings,
press the **BIKE button** to access these.

If you do not want to configure any further settings,
press and hold the SET button.
The settings menu closes.

The VDO M3 returns to function mode.

Settings – wheel circumference/wheel size

You can set the roll circumference of your wheel in millimetres on the VDO M3 or select the applicable tyres from a tyre table.

The more accurate this setting, the more accurate your speed indicator and the measurement of the distance you have travelled. You can find the values for your tyres in the tyre size table and set these in the device.

ATTENTION: the values in the table are approximations only. The actual values can deviate from the values in the table depending on the manufacturer and the tyre tread.

If your tyre size is not listed in the table, you can accurately measure the roll circumference.

How to measure the roll circumference:
STEP 1
Stand your bike up and position the wheel to which you want to attach the sensor so that the valve is directly on the ground. Ensure that the tyres are fully pumped up in accordance with the usage instructions. Mark the position of the valve on the ground with a line or adhesive strip.

STEP 2
Now push your bike forwards in a straight line until the valve is back on the ground after one rotation.
Again mark the position of the valve on the ground with a line or adhesive strip.

STEP 3
The distance between the two marks corresponds to your wheel circumference or wheel size in millimetres.

Tyre size	ETRTO	KMH Wheel circumference in mm	MPH Wheel circumference in inches
16 x 1.75	47-305	1,272	50.1
20 x 1.75	47-406	1,590	62.6
24 x 1.75	47-507	1,907	75.1
26 x 1.5	40-559	2,026	79.8
26 x 1.75	47-559	2,070	81.5
26 x 1.9		2,089	82.2
26 x 2.00	50-559	2,114	83.2
26 x 2.10	54-559	2,125	83.7
26 x 2.25	57-559	2,145	84.4
26 x 2.35	60-559	2,160	85.0
26 x 2.40	62-559	2,170	85.4
28 x 1.5	40-622	2,224	87.6
28 x 1.6	42-622	2,235	88.0
28 x 1.75	47-622	2,268	89.3
29 x 2.10	54-622	2,295	90.4
29 x 2.25	57-622	2,288	90.1
29 x 2.40	62-622	2,300	90.6
650 B		2,100	82.7
700 x 18C	18-622	2,102	82.8
700 x 20C	20-622	2,114	83.2
700 x 23C	23-622	2,095	82.5
700 x 25C	25-622	2,146	84.5
700 x 30C	30-622	2,149	84.6
700 x 32C	32-622	2,174	85.6
700 x 38C	38-622	2,224	87.6

Wheel circumference in mm/inches
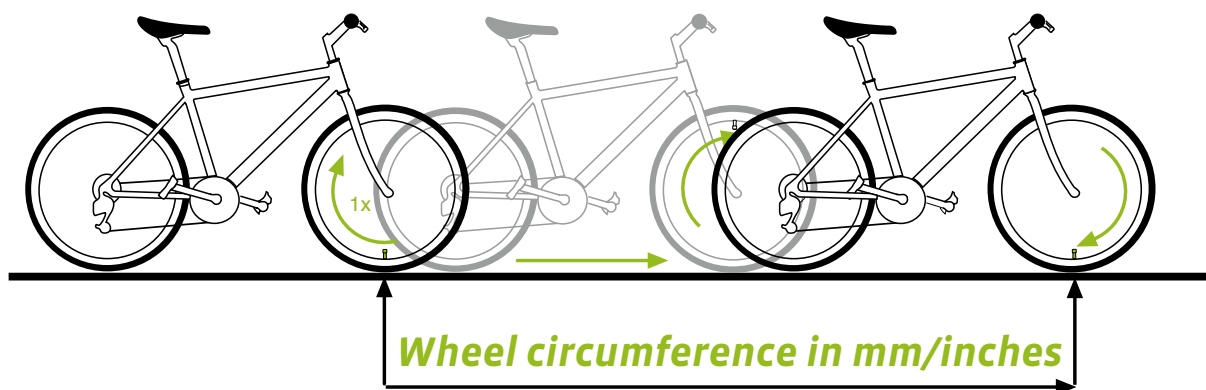
Settings – wheel circumference/wheel size

How to set your wheel circumference:
Press and hold the SET button until the settings menu opens.

Press the **BIKE button** to switch from **Totals to Settings**.
Press the **SET button** to open the settings.

"Language" appears on the display.
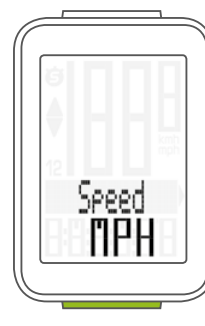Press the **BIKE button** to scroll to the setting for the **Wheelsize**.
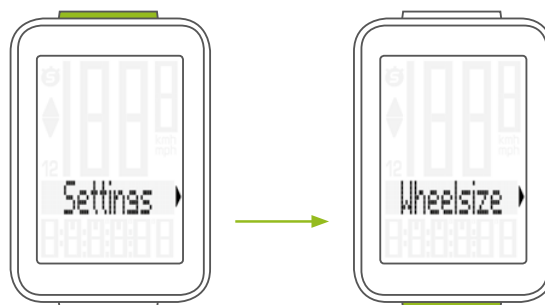
Press the **SET button** to open the setting for the **wheel size**.

You can set the wheel size separately for bike 1 and bike 2.
Press the **BIKE button** to scroll from the setting for bike 1 to the setting for bike 2.
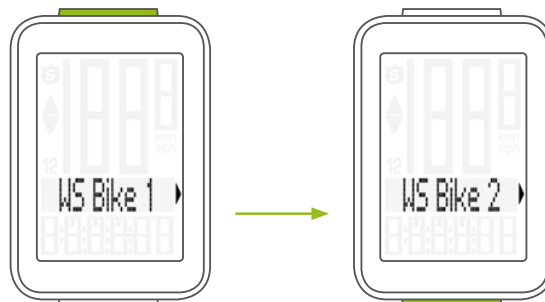
Press the **SET button** to open the setting (description here is for bike 1).

In the display, you can now choose whether you want
to manually set the wheel size in millimetres/inch or select the appropriate tyres from a tyre list.

Press the **BIKE button** to make the selection.
Confirm the selection by pressing the **SET button**.
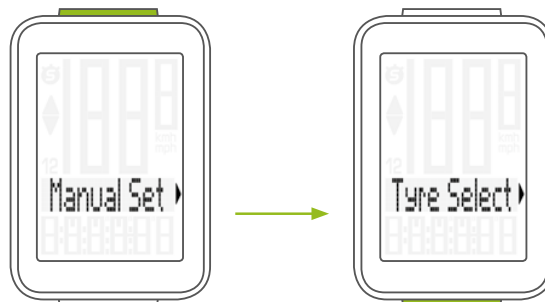
Settings – wheel circumference/wheel size

Manual setting by entering the roll circumference in millimetres/inch

mm-Setting   Inch-Setting

For mm: The first two digits (in the example "21") flash.
Press the **BIKE button** to set these digits to the desired value.
For Inch: The Inch value is Flashing.
Press the **BIKE Button** to set the digits to the desired value.

Press the **SET button** to confirm your setting.

For mm: The third digit now flashes and is ready to be set.
Press the **BIKE button** to set this digit.

Press the **SET button** to confirm your setting.

For mm: The final digit on the right now flashes.
Press the **BIKE button** to set this digit.

Press the **SET button** to confirm your setting.
Your wheel circumference setting is now complete.
The response **"Set OK"** appears on the display.

If you want to configure further settings,
press the **BIKE button** to access these.

If you do not want to configure any further settings,
press and hold the SET button.
The settings menu closes.

The VDO M3 returns to function mode.

Settings – wheel circumference/wheel size

Setting the wheel size using the tyre list

Open the wheel size settings via the tyre list by pressing the
SET button (see page 20).

SELECT appears on the display.

Press the **BIKE button** to scroll through the tyre list until
your tyre is displayed (in the example shown 26 x 2.35).

Press the **SET button** to confirm the selection.
The response **"Set OK"** appears on the display.

If you want to configure further settings,
press the **BIKE button** to access these.

If you do not want to configure any further settings,
press and hold the SET button.
The settings menu closes.

The VDO M3 returns to function mode.

Settings – clock

In the VDO M3, you can set the clock in 12-hour AM/PM format or 24-hour format.

Specify the desired time format in the unit settings (see page 17).

How to set the time:
Press and hold the SET button until the settings menu opens.
Press the **BIKE button** to move from **Totals to Settings**.
Press the **SET button** to open the settings.
"Language" appears on the display.

Press the **BIKE button** to scroll to the setting for the **Clock**.

Press the **SET button** to open the setting for the **Clock**.
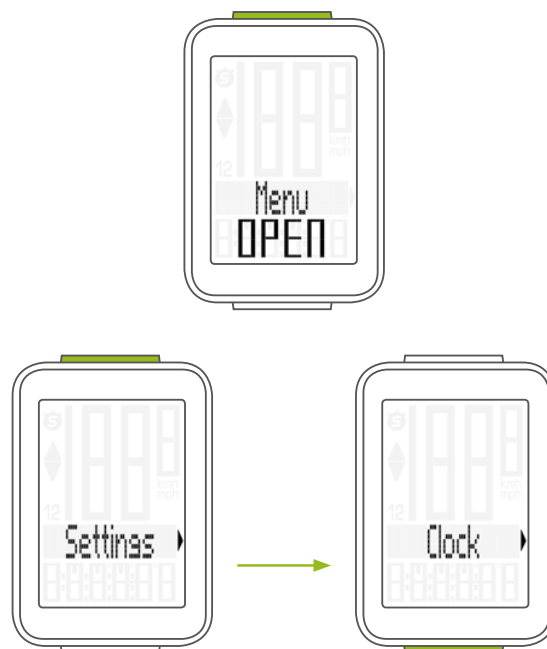
The hour digits flash.
Press the **BIKE button** to change the setting for the **hours**.

Press the **SET button** to confirm your setting.

Display in 24-h format
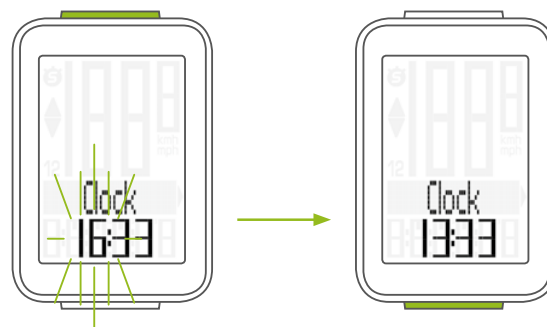
Display in 12-h format
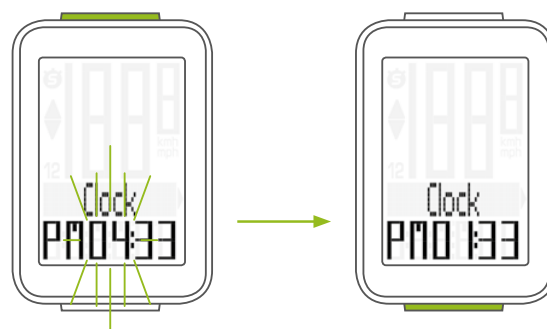
Settings – time

The minute digits now flash on the display.
Press the **BIKE button** to set the **minutes**.

Clock
13:33 → Clock
13:45

Display in 12-h format

Clock
PM0 1:33 → Clock
PM0 1:45
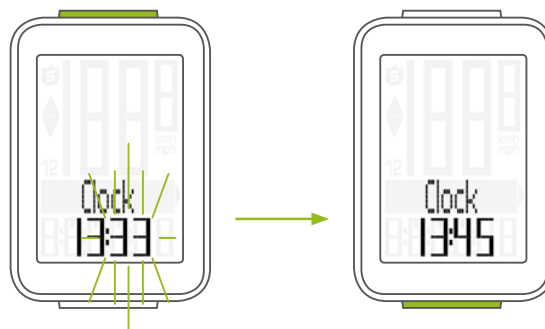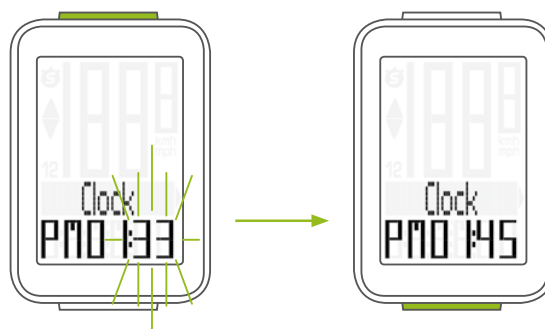
Press the **SET button** to confirm your setting.
The response **"Set OK"** appears on the display.

If you want to configure further settings,
press the **BIKE button** to access these.

If you do not want to configure any further settings,
press and hold the SET button.
The settings menu closes.

The VDO M3 returns to function mode.

Set Ok

24

Settings – total values – total distance

You can set the total distance ridden on the VDO M3.
For example, you can enter your data here at the start of
a new cycling season.
You can set the total distance separately for bike 1 and bike 2.

ATTENTION: **the M3 has a data memory.**
No data is lost when the battery is replaced.

How to set the total values:
Press and hold the SET button until the settings menu
opens.
Press the **BIKE button** to move from **Totals to Settings**.
Press the **SET button** to open the settings.
"Language" appears on the display.

Press the **BIKE button** to scroll to the setting for the
Total Dist (total distance).
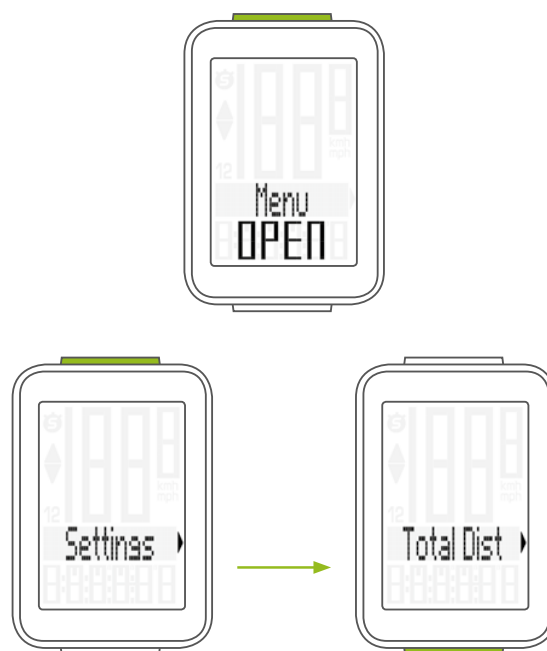
Press the **SET button** to open the settings.

Press the **BIKE button** to select whether you want to set the
total distance for bike 1 or bike 2.
Press the **SET button** to confirm the selection.
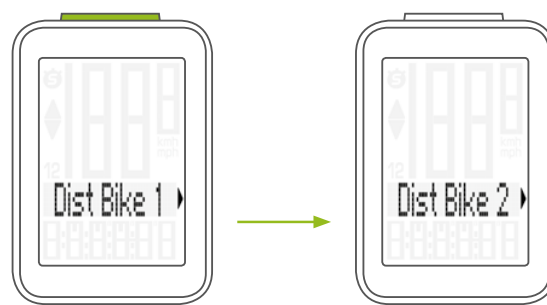
Settings – total values – total distance

The left digit flashes.
Press the **BIKE button** to **change the digit**.
Once this digit has been set, confirm the setting by pressing the **SET button**.

The next digit starts to flash and is ready to be set.
Press the **BIKE button** to change this digit. Once this digit has also been set, confirm the setting by pressing the **SET button**.

The next digit flashes.
Once all digits have been set, confirm the setting again by pressing the **SET button**.

Dist Bike 1
00300

Dist Bike 1
20000

Dist Bike 1
23456
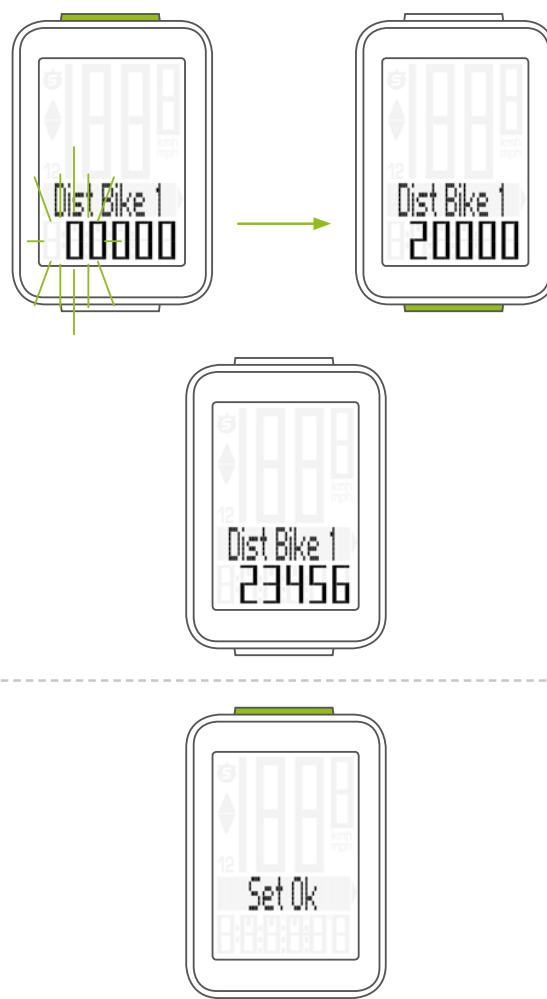
The response **"Set OK"** appears on the display.
The set value is stored.

If you want to configure further settings, press the **BIKE button** to access these.

If you do not want to configure any further settings, **press and hold the SET button**.
The settings menu closes.

The VDO M3 returns to function mode.

Set Ok

Settings – total values – total ride time

You can set the total ride time on the VDO M3.
E.g. you can set your total ride time (cumulative ride time
for all trips) at the start of the new cycling season).
You can set the values separately for bike 1 and bike 2.
ATTENTION: the M3 has a data memory.
**No data is lost when the battery is replaced.**

How to set the total ride time:
Press and hold the SET button until the settings menu
opens.
Press the **BIKE button** to switch from **Totals to Settings**.

Press the **SET button** to open the settings.
**"Language"** appears on the display.

Press the **BIKE button** to scroll to the setting for the
Total Time.

Press the **SET button** to open the setting for the **Total Time**
(total ride time).
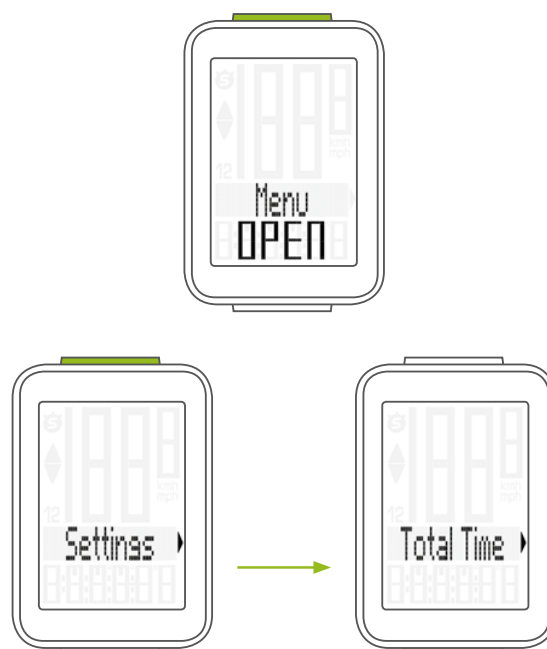
Press the **BIKE button** to select whether you want to set the
total time for **bike 1** or **bike 2**.

Press the **SET button** to confirm the selection.
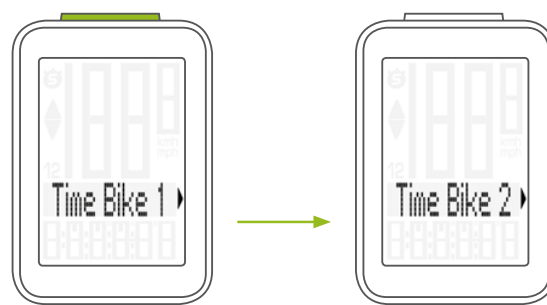
The **left digit** of the **hours setting flashes** and is ready
to be set.
Press the **BIKE button** to set the value for this digit.

Press the **SET button** to confirm your setting.

Settings – total values – total ride time

The **next digit** on the left starts to **flash** and is ready
to be set.
Press the **BIKE button** to set the value for this digit.

Press the **SET button** to confirm your setting.

Once you have set all four digits, confirm the setting again
by pressing the **SET button**.

The **setting** for the **minutes** is then opened.
Press the **BIKE button** to set the minutes.

Once the minutes have been set, confirm the setting
by pressing the **SET button**.
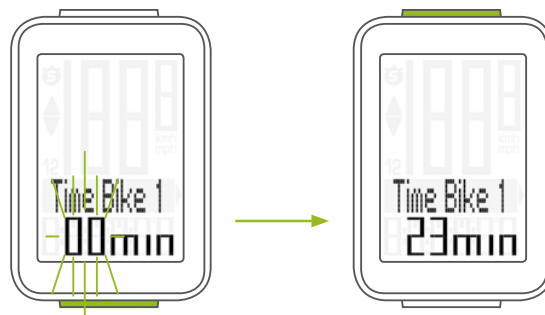
The response **"Set OK"** appears on the display.

If you want to configure further settings,
press the **BIKE button** to access these.

If you do not want to configure any further settings,
press and hold the SET button.
The settings menu closes.

The VDO M3 returns to function mode.

Setting the navigator

The navigator is a second, completely independent
trip distance counter.

The navigator can:
– be reset to zero any number of desired times during a trip
– be set to a distance value
– count forwards or backwards from the set distance value.

How to set the navigator:
Press the **BIKE button** to display the **navigator function**.

Navigator setting range: -99.99 to +999.99 km or miles.
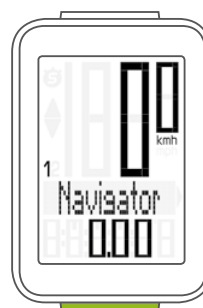
**Once the navigator function is on the display, press
and hold the SET button** until the settings menu opens.

First select whether the navigator should count **forwards** or
backwards from the set value.

Press the **BIKE button** to make the selection.

Press the **SET button** to confirm your selection.
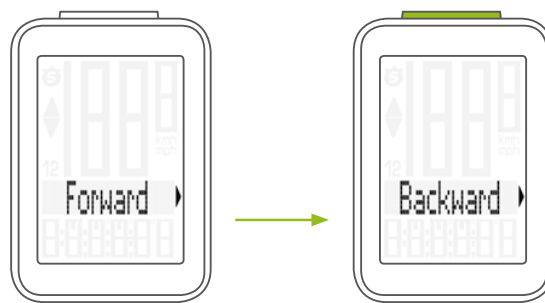
The screen for setting the navigator's distance value is
opened. The **first digit on the left flashes**.
Press the **BIKE button** to change the digit.

Press the **SET button** to confirm the entry.

Setting the navigator

The **second digit on the left flashes**.
Press the **BIKE button** to change the digit.

Press the **SET button** to confirm the entry.

Once all the digits have been set, confirm the entry
by pressing the **SET button**.

The response **"Set OK"** appears on the display.

The VDO M3 returns to function mode.

Resetting the navigator to zero

The navigator can be reset to **zero** any number of desired
times during a trip.

How to reset the navigator:
Press the **BIKE button** to display the **navigator function**.

**Once the navigator function appears on the display,
press and hold the BIKE button.**
Navigator RESET appears on the display.

If you **continue to hold down the BIKE button**,
the **navigator** is **reset to zero**.

Trip section counter

The VDO M3 has a time and distance counter that works similarly to a stopwatch.
When the trip section counter is running, the time and distance covered in this time are recorded.

Starting the trip section counter
Simultaneously press the **BIKE** and **SET buttons**.
The **section time** immediately appears on the display and the **icon** for the **trip section counter** is visible.

Press the **BIKE button** to scroll to the trip section.

Stopping the trip section counter
To **stop** the **trip section counter**,
simultaneously press the **BIKE** and **SET buttons**.

ATTENTION: if you take a break (speed = zero),
the trip section counter will automatically stop.

When you set off again (the trip section counter is still active, as shown by the icon "⑤" on the display), the trip section counter will automatically restart.

Restarting the trip section counter
If you have manually stopped the trip section counter and now want to restart it, **simultaneously** press the **BIKE** and **SET buttons** again.
The trip section counter continues from the last value.
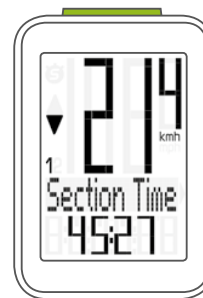
Resetting the trip section counter to zero

To reset the counter **either** the **section time** or the **section distance** must be shown on the display.

Press and hold the BIKE button.
The text **Trip Section RESET** appears on the display.

If you **continue to hold down the BIKE button**, the **trip section data** is now reset to **zero**.

The following data is reset to zero:
– Section distance
– Section ride time

Resetting trip data after the trip

After each trip, you can reset the data for this trip to zero. The VDO M3 is then ready for the next trip.

ATTENTION: your total distance (total number of kilometres/ miles ridden) and total ride time are not reset to zero.

How to reset the trip data:
Press and hold the **BIKE button** for **a few seconds**.
The text **Tour Data RESET** appears on the display.

If you **continue to hold down the BIKE button**, the **trip data** is now reset to **zero**.

The following data is reset to zero:
– Distance
– Ride time
– Average speed
– Maximum speed

Bike selection: bike 1 or bike 2

The VDO M3 can be used on two bikes.
The data is separately recorded and saved for each bike.
This menu area can be used to select which bike you want
to ride.

How to select a bike:
Press and hold the BIKE and SET buttons
simultaneously for a few seconds.

The **bike selection menu** opens.
The **most recently selected bike** is **displayed**.

Press the **BIKE button** to change to bike 2 (or bike 1 if bike
2 was previously selected).
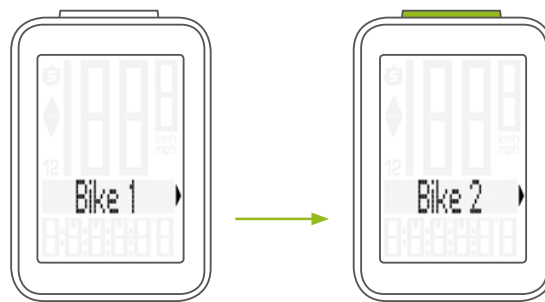
Press the **SET button** to confirm the bike selection.
The message **Set OK** appears to confirm the selection.

NOTE: if you now start a trip on bike 2, do not forget to reset
the trip data for the last trip to zero.

Information on how to reset the trip data can be found on
page 32.

Battery status indicator

The VDO M3 has a **low battery warning**.
If the remaining battery capacity falls below a certain level,
a warning appears on the display.

Press any button to clear the warning.
Following a **low battery warning**, you still have
approximately two weeks to replace the battery.

Replacing the battery in the computer

To ensure your cycle computer is fully functional,
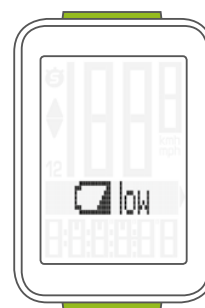we recommend **replacing the battery annually**.

ATTENTION: your settings as well as your total distance,
total ride time and altitude gain/loss for the year remain
stored when you replace the battery. **NO** data is lost.

You need a 3 V 2032 battery.
We recommend using a branded battery from Sony,
Panasonic, Varta or Duracell.

How to replace the battery:

STEP 1
Use a coin to remove the battery compartment cover.

STEP 2
Remove the dead battery.

ATTENTION: wait 10 seconds before you insert the new
battery. The electronics require this time to detect that the
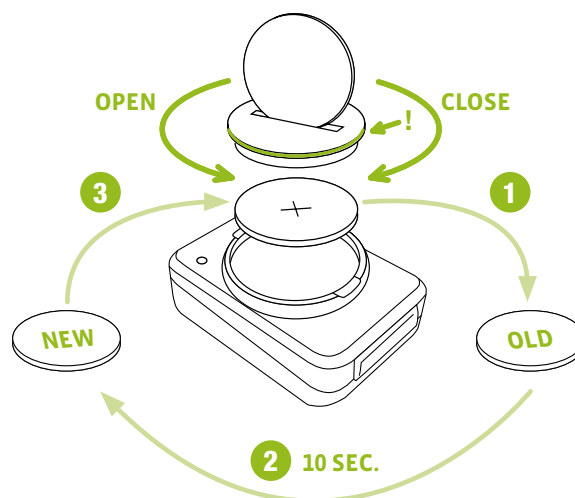battery is being changed.

STEP 3
Insert the battery into the computer housing
with the +pole up.
Ensure that the battery is not tilted.
Ensure that the rubber seal lies smoothly on the lid of
the battery compartment.

STEP 4
Insert the battery compartment cover into the opening and
use a coin to turn it to the right as far as it will go.

OPEN   CLOSE
3   1
NEW   OLD
2 10 SEC.

Terms of guarantee

VDO Cycle Parts offers a **two-year** guarantee on your VDO computer, **starting from the date of purchase**. This guarantee covers material and processing defects on the computer itself, the sensor/transmitter and the handlebar bracket.
Cables, batteries and mounting materials are not covered by the guarantee.

The guarantee is only valid if the affected components have not been opened (exception: computer's battery compartment), no force has been used and there is no sign of wilful damage.

Please store the purchase receipt in a safe place as it must be submitted in the event of a complaint.

If your complaint is legitimate, you will receive a comparable replacement device. You are not entitled to a replacement of the identical model if the model in question is no longer in production due to a model change.
Please contact the dealer from whom you purchased the device for all complaints and guarantee claims. Alternatively, send your complaint directly to:

Cycle Parts GmbH
Le Quartier Hornbach 13
67433 Neustadt/Weinstrasse

If you have any technical questions, please do not hesitate to call our hotline on:

+49 (0) 63 21- 95 82 7 - 10
+49 (0) 63 21- 95 82 7 - 18

**Our telephone hotline is available to assist you
10:00-12:00 and 15:00-17:00,
Monday to Friday**

Additional technical information is available at:
www.vdocyclecomputing.com

We reserve the right to make technical changes in the course of further development.

Troubleshooting

Error	Possible cause	Correction
Half segments on the display (e.g. after a battery change)	Computer software not running correctly after battery change	Remove and re-insert the battery
No speed displayed	Distance from sensor to magnet too great	Correct the sensor and magnet positions
No speed displayed	Computer not properly clicked into the handlebar bracket	Insert the computer into the handlebar bracket and rotate it as far as possible ("click")
No speed displayed	Wheel circumference is set incorrectly or to zero	Set the wheel circumference
Display becomes weak	Battery dead	Check the battery, replace if nec.

Technical specifications

Computer:
Approx. 49 H x 33 B x 12 D mm

Computer weight:
Approx. 30 g
Handlebar bracket weight:
Approx. 10 g

Computer battery:
3V, type 2032
Computer battery service life:
Approx. 1 year (approx. 400 ride hours,
approx. 8,000 km (5,000 mi))

Temperature indicator range on the display:
-20 to +70 °C or -4 to +158 °F

Speed range for wheel size 2,155 mm:
Min 2.0 km/h,
Max 199 km/h

Ride time measurement range:
Up to 99:59:59 HH:MM:SS.
Trip distance odometer measurement range:
Up to value 9,999.99 km or mi
NAVIGATOR measurement range:
From -99.99 to +999.99 km or mi
Total km measurement range:
Up to value 99,999 km or mi
Total ride time measurement range:
9999:59 HHHH:MM

Wheel circumference setting range:
From 100 mm to 3,999 mm (3.9 to 157.4 inches)

Correct disposal of this product (electrical waste)

(To be used in EU countries and other European countries with a separate collection system). The labelling on the product and the relevant literature indicates that it must not be disposed of with normal household waste at the end of its service life. Please dispose of this device separately to other waste so as not to harm the environment or human health through uncontrolled waste disposal. Recycle the device to promote the sustainable reuse of material resources. Private users should contact the retailer from whom they purchased the product or the responsible authorities to find out how they can recycle the device in an environment-friendly manner. Commercial users should contact their suppliers and consult the conditions of the sales agreement. This product must not be disposed of with other commercial waste.

EU declaration of conformity

We, CYCLE PARTS GmbH, Le Quartier Hornbach 13, D-67433 Neustadt/Weinstraße, declare that when used as intended, the VDO cycle computer VDO M3 complies with the essential requirements established in the CE Directives.

The declaration of conformity can be found at: www.vdocyclecomputing.com.

CE

Neustadt, October 2013

VDO
CYCLECOMPUTING

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www.vdocyclecomputing.com