



Trailtech 8100-04B instrument instructions



General specifications

SPEED/DISTANCE SENSOR: Non-contact magnetic
SCREEN MEASUREMENTS: 125mm x 41mm x 34mm
STORAGE TEMPERATURE: -20°C to 80°C (-4°F to 176°F)
BATTERY: 3V CR2032
BATTERY LIFE: Approximately one year
EXTERNAL CURRENT SUPPLY: 12V DC

General information

Backlight:

The digital speedometer/odometer is backlit to enable reading where there is poor or no lighting.

Using the 12V external current supply (instrument connected to vehicle battery):

- Backlighting is permanent with 12V current supply.
- After 20s of inactivity the backlighting will switch off. To switch it back on press any button or turn the wheel.

Using only the internal battery:

- Backlighting will stay on for 4 seconds before switching off.
- With the LO symbol, the backlighting will not switch on. The **LO** symbol appears when the battery voltage is lower than 2.45V.

Reset Button:

Using the Reset button, located on the back of the instrument, all travel data will be deleted, including date and time.

Internal battery:

The instrument houses a 3.0V internal button cell battery (CR2032). The instrument can only work with this battery. The **LO** symbol appears when the battery is running low. To change the battery, unscrew the cap located on the back of the instrument using a coin. Once the battery has been changed, make sure that the positive side is facing outwards.

REPLACE THE BATTERY WITH ANOTHER CR2032-TYPE BATTERY

Setting the parameters

General information:

Allowed settings:

- Km/h (kilometres per hour) or M/h (Miles per hour)
- Wheel size (rolling circumference) [mm]
- Clock format: 12-hour / 24-hour
- Current date
- Maintenance

TO ENTER THE PARAMETER SETTINGS MODE HOLD DOWN THE RIGHT AND LEFT BUTTONS FOR APPROX. 3s.

THE WORD "Unit" WILL FLASH ON THE DISPLAY.







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The operational logic is structured as follows:

- The instrument enters SETUP mode displaying the parameters according to the sequence listed above.
- The instrument displays the parameter to be changed for a few seconds in flash mode.
- If you wish to change the parameter displayed for those few seconds simply edit the values by pressing the right and/or left buttons (according to the modes listed below), otherwise wait a few seconds (approx. 5 s) to proceed to the next parameter.
- When the parameter has been edited to the desired value, the instrument automatically moves onto the next setting, there is no need to press any button of confirmation.
- If you only wish to enter the setup mode to view the configured settings, simply wait without pressing any buttons; the instrument will display all of the set parameters and will then automatically go back to “Normal Mode”.

Setup sequence

Select unit of measure  Wheel size  Clock format  Current date 
Maintenance

Selecting the unit of measure (Km/h or M/h):

TO SELECT THE UNIT OF MEASURE (Km/h or M/h), PRESS THE RIGHT OR LEFT BUTTON.

WAIT 5 SECONDS TO PROCEED TO THE NEXT SETTING.

DO NOT PRESS ANY BUTTONS.

Selecting the wheel size (rolling circumference):

The instrument has programmed two rolling circumference measurements for the front wheel: 2190mm (Enduro version - 21" rim) or 1890mm (Motard version – 17" rim).

PRESS THE LEFT BUTTON TO SELECT ONE OF THE TWO OPTIONS.

WAIT 5 SECONDS TO PROCEED TO THE NEXT SETTING. DO NOT PRESS ANY BUTTONS.

Selecting the clock format (12- or 24-hour):

The default setting on the instrument is the 12-hour clock.

TO SELECT THE 12- OR 24-HOUR CLOCK, PRESS THE RIGHT OR LEFT BUTTON.

WAIT 5 SECONDS TO PROCEED TO THE NEXT SETTING. DO NOT PRESS ANY BUTTONS.

Setting the Time:

The time is set by increasing or decreasing it by 1 minute steps.

PRESS THE LEFT BUTTON TO DECREASE THE TIME.

PRESS THE RIGHT BUTTON TO INCREASE IT.

WAIT 5 SECONDS TO PROCEED TO THE NEXT SETTING. DO NOT PRESS ANY BUTTONS.



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Selecting the maintenance memo

The instrument displays the countdown to maintenance operations based on the data entered by the user. The data is based on the kilometres and miles travelled according to the unit of measure selected by the user. The factory setting is on “OFF”.

PRESS THE LEFT BUTTON TO LOWER THE NUMBER. PRESS THE RIGHT BUTTON TO RAISE IT (max value 10000).

WAIT 5 SECONDS TO EXIT SETUP MODE.

DO NOT PRESS ANY BUTTONS.

Screens

Switching between 3 normal modes

All of the information that the instrument is capable of providing is displayed on one of these 3 screens.

The instrument will stay on the set screen until a button is pressed to switch to another screen.

TO SWITCH FROM ONE SCREEN TO ANOTHER, PRESS EITHER THE RIGHT OR LEFT BUTTON BRIEFLY.

Screen 1:

• Speed • Distance 1 (DST) • Time

Screen 2:

• Speed • Distance 2 (DST2) • Time

Screen 3:

• Maximum speed (MAX) • Average speed (AVG)
• Accumulated running time (ART) • Odometer (ODO)

**Note: The maximum and average speeds are updated automatically when the user accesses screen 3.*

Features

General information:

During normal use the instrument is in “Normal” mode.

Available modes:

- Sleep Mode
- Choose from 3 “Normal” screens
- Clear Distance 1 (DST1)
- Clear Distance 2 (DST2)
- Clear Maximum/Average Speed (MAX/AVG)

Sleep Mode:

If the instrument does not receive any input for 5 minutes (either from the movement of the wheel or a button), it will go into “Sleep Mode”. In “Sleep Mode” only the time appears on the screen.

To exit “Sleep Mode” all the instrument requires is an input, either from the movement of the sensor or by pressing a button.



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Speedometer

Speed: The speed is displayed in the centre of screens 1 or 2 and can range from 0 to 399.9 km/h or M/h. The unit of measure (km/h or M/h) appears next to the speed reading.



Maximum (Max) and Average (AVG) speed: The Maximum (MAX) or Average (AVG) speeds are displayed on screen 3 to the left of the display. The instrument automatically updates both the maximum (MAX) and average (AVG) speeds. To clear the maximum (MAX) and average (AVG) speeds, hold the right button down for 5 seconds.

Note: you must be on screen 3 to clear the speeds



Adjusting the travelled distance meter

Description: The travelled distance meter displays the distance that has been travelled since it was last cleared. It has two different distinguishing distances.

Travelled distance (DST): The travelled distance can range from 0 to 9999.9 miles or kilometres and appears on the right side of screen 1.

To clear the travelled distance, hold the right button down for 5 seconds.

Note: you must be on screen 1 to clear the travelled distance.

Travelled distance 2 (DST 2): Travelled distance 2 can range from 0 to 9999.9 miles or kilometres and appears on the right side of screen 2. To clear the travelled distance, hold the right button down for 5 seconds.

Note: you must be on screen 2 to clear the travelled distance.

