WIRELESS VIBRATION HOUR METER

125 85.804.021



USER MANUAL

V1.0 2026

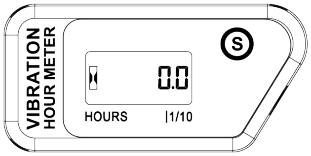
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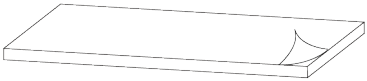


Please read and understand the following notices carefully, and correctly install and operate the product before using.

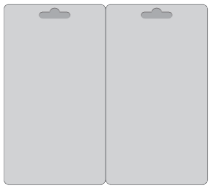
PRODUCT ACCESSORIES LIST



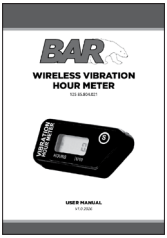
1 X HOUR METER



1 X DOUBLE-SIDED TAPE



1 X PAPER CARD



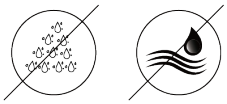
1 X DIGITAL MANUAL

WARNINGS

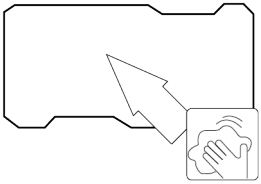
1. Please make sure to refer to the installation instructions in the operating instructions to avoid damage caused by installation errors.
2. The product included the battery inside and can not be replaced, do not disassemble or replace the battery by yourself.
3. Please install the product in a proper location to avoid the possibility of this product being hit and prevent damage to the product.
4. The product has certain waterproof function, but cannot be used in deep water or soaked in rain for a long time.
5. Please use the product at the specified temperature, high temperature environment may cause damage to the product.

PRODUCT INSTALLATION

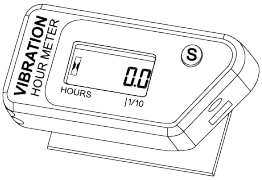
This product can be installed directly with double-sided tape, the installation method is as follows:



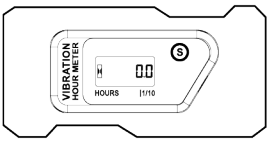
a) Clean properly the surfaces.
Note: make sure the surface is flat and the oil is clean enough.



b) Stick the double-sided tape on the back of the product.
Note: before pasting the double-sided tape, please make sure the back of the product is clean and tidy, without moisture or grease.



c) Remove protection from double-sided tape.
Note: when removing the double-sided tape protector, make sure that the double-sided tape is not exposed to water or oil on both sides.

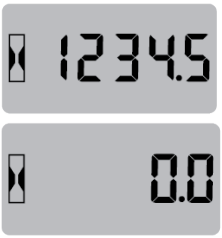


d) Fix the hour meter in a proper position.
Note: before pasting the double-sided tape, please confirm that the pasted place is clean and tidy, no moisture or oil.

Proper position requirement: no moisture, no grease, is a plane, no violent vibration, and the temperature not exceed 125°F.

PRODUCT OPERATION

1. Hours - Total hours of operation.



a) When equipment vibrates, the meter counts running hours.

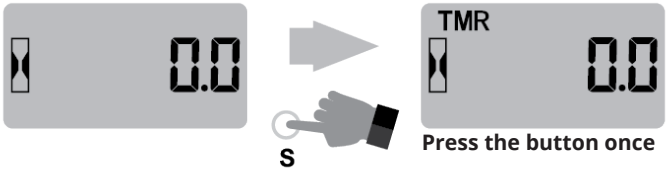
b) Total hours can not reset.

c) The total hours max value is 99999; When the total hours range is 0.0-9999.9H,the timing accuracy is 0.1 hour; When the total hours range is 10000-99999H, the timing accuracy is 1H.

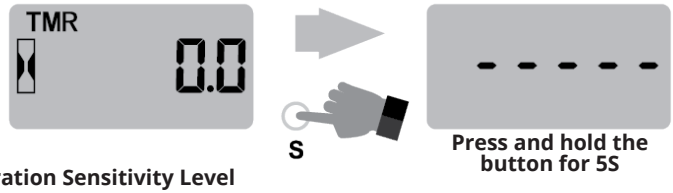
d) When the total hours time exceeds 99999 hours, the timing will restart from 0.

2. TMR - Hours of operation since the timer was reset.

a) To view "TMR" time: Press the button once at "Hours" interface.

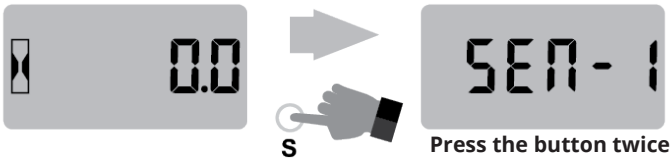


b) To reset "TMR" time: Press the button until display shows "TMR" icon, release the button, press and hold the button until display shows "- - - - -" then release the button, the "TMR" display will reset to "0.0", and you will begin to record the next job interval.

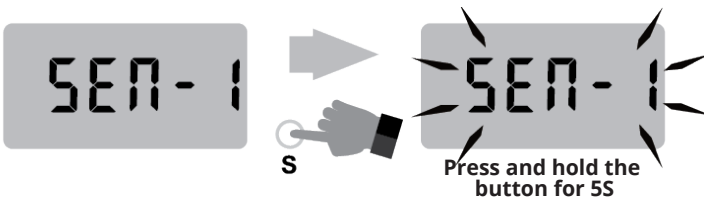


3. Set Vibration Sensitivity Level

a) Press the button twice until display shows "SEN-1" icon.



b) Press and hold the button until display shows "SEN-1" icon starts flashing.



PRODUCT OPERATION

c) Press the button until you get desired number, release the button, the LCD will flash for 5 seconds and return to “Hours” (Total hours)

SEN	Sensitivity	Frequency detection range	Applicable equipment
SEN-1	Low	>32Hz	Suitable for equipment with low vibration
SEN-2	Medium	>18Hz	Suitable for equipment with medium vibration
SEN-3	High	>4Hz	Suitable for equipment with high vibration
Note: The strength of vibration is a reference property, some equipment vibration may be low, but the SEN-3 high vibration detection will also get good results.			

4. Low Voltage Reminder

a) When battery voltage is lower than 2.7V, it will remind the low voltage status.

b) In low battery voltage reminder status, the “b-Lo” will be switched to TOT hours interface after it flashed 5 times, then back to “b-Lo” to flash 5 times again after stay 5 seconds in TOT hours interface, which display this reminder method repeatedly.

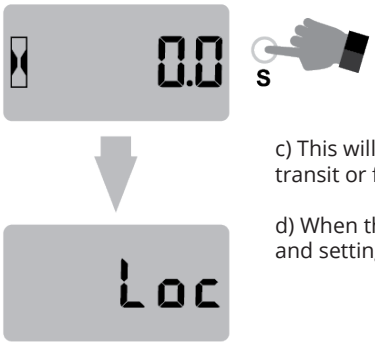


Stay in 5 seconds **Display alternately** **Flash 5 times**

5. Hour meter lock

a) Power-on: Press the button2 times until it display “Hours” interface.

b) Power-off: Press and hold the button until it display “Loc” icon, release the button to shut down the LCD screen.



Press and hold the button for 5S

c) This will prevent unit from accumulating time while in transit or from unwanted vibrations.

d) When the hour meter is in lock mode, the historical data and setting will be retained and will not be cleared.

MAINTENANCE

PRODUCT LIFE
To extend the life of your product, you can apply it as follows:

1. Avoid product are always in a very humid environment --- there is a risk of moisture intruding inside the product, causing the product to consume more electricity.

2. Avoid product that are always in a high temperature environment (Exceed 125°F). High temperature environment has the risk of increasing the discharge rate of the internal battery CR2050.

3. Minimize the frequency of button operations ---- continuous button operation, function switching, the power consumption will increase.

BATTERY LIFE
There are several cases about the service life of the battery (this is the theoretical calculation, the actual battery life is related to the applicable conditions):

1. If you use 8 hours per day, don not turn on the lock function when not in use, the battery life is about 2.8 years.

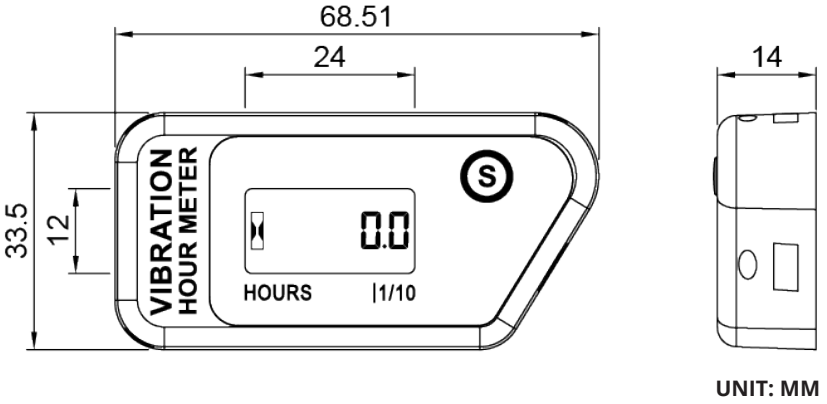
2. If you use 8 hours per day, turn on the lock function when not in use, the battery life is about 5.1 years.

3. If you use 24 hours per day, the battery life is about 2.2 years.

PRODUCT SPECIFICATIONS

TOT/ TMR Timing range	0-99999H
Timing accuracy	0.1H/1H
Display mode	LCD
Display window size(Visible)	24mmx12mm
Product size	68.51mmx33.5mmx14mm
Battery type	CR2050 320mAh
Waterproof Rating	IP68

PRODUCT DIMENSIONS



UNIT: MM

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