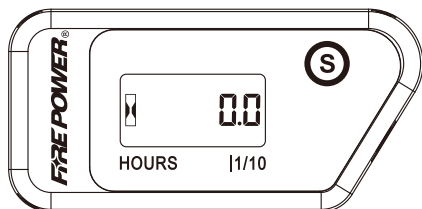


OPERATING INSTRUCTION

Vibration Activated Hour Meter

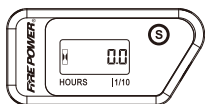


! Notice

1. Please make sure to refer to the instructions to avoid damage caused by installation errors.
2. The product includes the battery installed and can not be replaced, do not disassemble or attempt to replace the battery by yourself.
3. Please install the product in a location that prevents damage to the product.
4. The product should not be submerged in water for a long time. This may cause product failure.
5. Please avoid mounting the product on a high temperature surface which may cause damage to the product.

PRODUCT ACCESSORIES LIST

1 Product*1



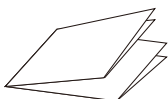
2 Double-sided tape*1



3 Paper card*1



4 User manual*1

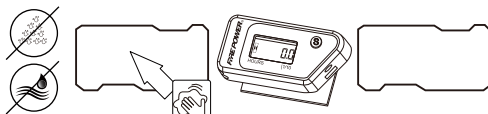


PRODUCT INSTALLATION

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

1. Double-sided tape installation:

- a) Choose a Clean and Flat surface for installation.
- b) Stick the double-sided tape on the back of the product.
Note: before sticking the double sided tape to a mounting surface, make sure the back of the product and mounting surface are clean and free of moisture or grease/oil.
- c) Remove the protection from the double-sided tape.
Note: when removing the double-sided tape protector, make sure the double-sided tape is not exposed to water or grease/oil on either side.
- d) Fix the hour meter in a proper position. **Note:** before pasting the double-sided tape, please confirm that the installation location is clean with 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

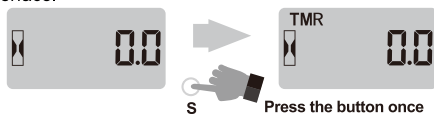
1. Hours — Total hours of operation.

- a) When equipment vibrates, the meter counts running hours.
- b) Total hours cannot be reset.
- c) The total hours maximum value is 99999; When the total hours range is between 0.0 -9999.9H, the timing accuracy is 0.1 hour; When the total hours range is between 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.

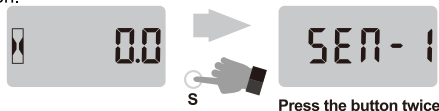


- b) To reset "TMR" time: Press the button until display shows "TMR" icon, release the button, press and hold the button until display shows "—" then release the button, the "TMR" display will reset to "0.0", and you will begin to record the next job interval.

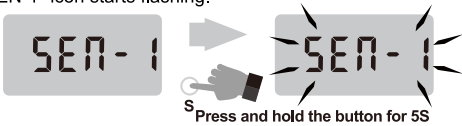


3. Set Vibration Sensitivity Level

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



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



c) Press the button until you get the 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.

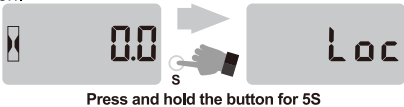
4. Low Voltage Reminder

- a) When the battery voltage is lower than 2.7V, it will remind the user of the low voltage status.
- b) In low battery voltage reminder status, the "b-Lo" will be switched to TOT hours interface after it flashes 5 times, then back to "b-Lo" to flash 5 times again after it stays 5 seconds in the TOT hours interface, which displays this reminder method repeatedly.



5. Hour meter lock

- a) Power-on: Press the button 2 times until it displays "Hours" interface.
- b) Power-off: Press and hold the button until it displays "Loc" icon, release the button to shut down the LCD screen.



- 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.

6. Other

a) Product Life

To extend the life of the product, follows these step:

- 1.Minimize prolonged exposure to an extremely humid environment —— there is a risk of moisture intruding inside the product, causing the product to consume more electricity.
2. Avoid installation of the product where it is consistently in a high temperature environment (Exceeding 125°F)—— high temperature environment will increase the risk of increasing the discharge rate of the internal battery CR2050.
3. Minimize the frequency of button operations —— continuous button operation and function switching will increase the power consumption.

b) Expected battery life

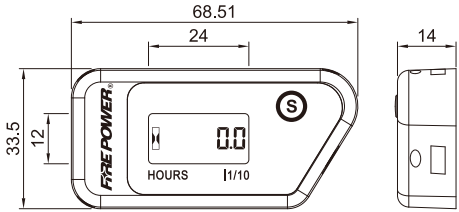
1. If you use the product 8 hours per day, and do not turn on the lock function when not in use, the battery life is about 2.8 years.

2. If you use the product 8 hours per day, but turn on the lock function when not in use, the battery life is about 5.1 years.
3. If you use the product 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 size	CR2050 320mAh
Waterproof Rate	IP68

PRODUCT DIMENSION



Unit: mm

