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› YOOREAL Vibration Hour Meter Instruction Manual

YOOREAL B095P18K95

YOOREAL Vibration Hour Meter

Model: B095P18K95

Instruction Manual

1. INTRODUCTION

The YOOREAL Vibration Hour Meter is designed to accurately monitor the operating hours of various equipment, particularly gas and diesel engines, by detecting vibrations. This device helps track maintenance intervals for optimal performance and longevity of your machinery.

2. KEY FEATURES

- **Vibration Sensing:** Two selectable sensitivity levels (High/Low) for accurate monitoring on different engine types.
- **Total and Partial Timers:** Tracks total operating hours (TOT) up to 99999 H with 0.1 H accuracy. A resettable partial timer (PAR) allows tracking of individual work cycles.
- **Lock Shutdown:** Ability to lock the LCD display to conserve battery power and prevent accidental recording during transport or inactivity.
- **Easy Installation:** Mounts securely using adhesive peel & stick backing.
- **Durable Design:** Built-in CR2032 battery for long service life and 100% epoxy sealed for IP68 waterproof rating.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x YOOREAL Vibration Hour Meter
- 1 x Double-sided adhesive tape
- 1 x User Manual



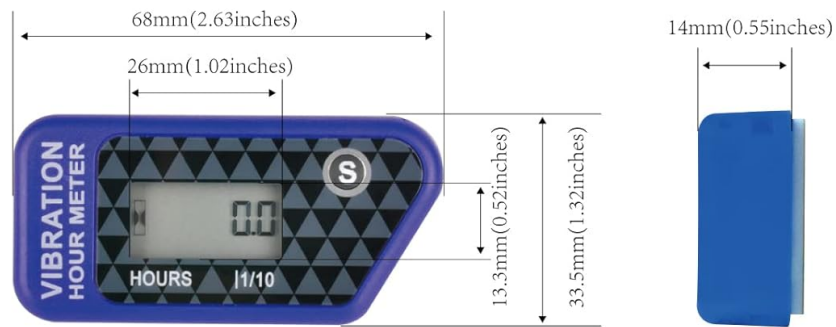
Image: YOOREAL Vibration Hour Meter and included accessories.

4. SETUP AND INSTALLATION

4.1. Mounting the Hour Meter

1. Clean the surface where the hour meter will be mounted. Ensure it is free of dirt, grease, and moisture.
2. Peel off the protective backing from the double-sided adhesive tape.
3. Firmly press the hour meter onto a suitable location on your equipment. Choose a spot that experiences consistent vibration when the engine is running.

DIMENSION



EASY INSTALLATION



Image: Hour meter dimensions and installation method.

4.2. Adjusting Vibration Sensitivity

The hour meter features two selectable sensitivity levels (HI/LO) to suit different vibration intensities of various engines.

- **HI (High Sensitivity):** Suitable for equipment with low vibration (detects frequencies >4Hz).
- **LO (Low Sensitivity):** Suitable for equipment with high vibration (detects frequencies >32Hz).

2 SELECTABLE SENSITIVITY

High



LOW



Can be used in diesel/gasoline engines with strong vibrations.

Image: High and Low sensitivity settings display.

SEN	Sensitivity	Frequency detection range	Applicable equipment
LO	Low sensitivity	>32HZ	Suitable for equipment with high vibration
HI	High sensitivity	>4HZ	Suitable for equipment with low vibration

Image: Sensitivity level table.

To change the sensitivity setting:

1. Press and hold the 'S' button on the hour meter.
2. The display will cycle through 'SEN-1', 'SEN-2', 'SEN-3' (representing different sensitivity levels). Release the button when the desired sensitivity is displayed.

Your browser does not support the video tag.

Video: Demonstrates unboxing, setting sensitivity, and installing the hour meter on an engine. (0:00 - 0:34)

5. OPERATION

5.1. Recording Operating Hours

The hour meter automatically records operating time when it detects vibrations from the equipment. A flashing hourglass icon on the display indicates that time is being recorded.



Image: Display showing total operating hours (TOT).

5.2. Partial Timer (PAR)

The partial timer (PAR) tracks the duration of a single work cycle and can be reset. This is useful for monitoring specific tasks or intervals.

To view the partial timer, briefly press the 'S' button. To reset the partial timer, press and hold the 'S' button while the PAR display is active until it resets to 0.0.

VIBRATION HOUR METER



TOT hours/resettable partial timer range:
0-99999H, 0.1/1H accuracy.

Image: Display showing partial operating hours (PAR).

5.3. Lock Shutdown

The lock shutdown feature prevents the meter from recording time during transport or when not in use, saving battery life and preventing inaccurate readings.

To activate the lock function, press and hold the 'S' button until 'Loc' appears on the display. To deactivate, press and hold the 'S' button again until 'Loc' disappears.

USER SHUTDOWN



Prevent unauthorized work/leakage power.

Image: Display showing 'Loc' for lock shutdown.

Your browser does not support the video tag.

Video: Demonstrates the operation of the total timer (TMR), sensitivity settings (SEN), and lock shutdown (Loc) features.
(0:34 - 0:52)

6. MAINTENANCE

- **Cleaning:** Wipe the hour meter with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Waterproof:** The device is 100% epoxy sealed and rated IP68 waterproof, making it resistant to dust and immersion in water.
- **Battery:** The hour meter uses a built-in CR2032 battery designed for a long service life. The battery is not user-replaceable.

WATERPROOF

IP68
Waterproof



Image: Hour meter undergoing a waterproof test.

7. TROUBLESHOOTING

If the hour meter is not functioning as expected, consider the following:

- **No Display:** Ensure the device is not in 'Loc' (lock) mode. If the display remains blank, the internal battery may be depleted.
- **Inaccurate Readings:** Verify that the hour meter is securely mounted on a surface that experiences consistent vibration from the engine. Adjust the sensitivity setting (HI/LO) to match the vibration level of your equipment.
- **Low Voltage Reminder:** If the battery voltage drops below 2.7V, the meter will display a low voltage reminder.

For further assistance, please contact YOOREAL customer service.

8. SPECIFICATIONS

Feature	Detail
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Brand	YOOREAL
Model	B095P18K95
Material	Plastic
Dimensions (L x W x H)	2.68 x 1.3 x 0.55 inches (68 x 33 x 14 mm)
Item Weight	40 Grams
Hour Range	0-99999 H
Accuracy	0.1 H
Waterproof Rating	IP68
Battery	Built-in CR2032 (non-replaceable)
UPC	723093293745

8.1. Applicable Equipment

The YOOREAL Vibration Hour Meter is suitable for a wide range of equipment with gas or diesel engines, including but not limited to:

- Generators
- Compressors
- Motorcycles
- Snowblowers
- Lawn Mowers
- Pressure Washers
- Chainsaws
- ATVs
- Marine Engines



Chainsaw



Generator



Air compressor



Motorcycle



Snow blower



Lawn mower

Image: Examples of compatible equipment.

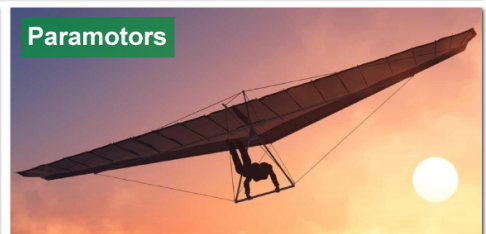


Image: Additional examples of compatible equipment.

9. WARRANTY AND SUPPORT

YOOREAL provides comprehensive after-sales service for this product:

- **Warranty Period:** 2 years from the date of purchase.
- **Service:** Free replacement or return for product problems within the warranty period.
- **Customer Service:** Online customer service is available. If you encounter any issues, please contact the YOOREAL store through the Amazon Platform.