

Runleader RL-HMB005

Runleader RL-HMB005 Universal Hour Meter Mounting Bracket Instruction Manual

Model: RL-HMB005 | Brand: Runleader

1. INTRODUCTION

This manual provides detailed instructions for the installation and use of the Runleader RL-HMB005 Universal Hour Meter Mounting Bracket. This bracket is designed to securely hold various Runleader hour meters, vibration meters, and tachometers on pipes with diameters ranging from 18mm to 30mm. Please read these instructions carefully before installation to ensure proper and safe use.

2. PRODUCT OVERVIEW

The RL-HMB005 is a durable nylon mounting bracket engineered for versatility and ease of installation. It provides a stable platform for your Runleader measuring devices.

2.1 Key Features

- **Material:** High-quality Nylon for durability and corrosion resistance.
- **Color:** Black.
- **Dimensions:** Approximately 55mm x 22mm x 8mm.
- **Pipe Diameter Compatibility:** Fits pipes with diameters from 18mm to 30mm.
- **Lightweight Design:** Weighs approximately 15g.

2.2 Compatible Runleader Products

This bracket is compatible with a wide range of Runleader products, including but not limited to:

- RL-HM006A, RL-HM012C, RL-HM018, RL-HM018R, RL-HM019, RL-HM019R, RL-HM019V, RL-HM019C, RL-HM019J
- RL-HM035R, RL-HM035C, RL-HM035T, RL-HM035L, RL-HM400, RL-HM035LT
- RL-TM003A, RL-TM004, RL-TM005, RL-TM008



Figure 1: Front view of the Runleader RL-HMB005 mounting bracket.



Figure 2: Side view of the Runleader RL-HMB005 mounting bracket, showing its profile.



Figure 3: The RL-HMB005 bracket shown with included screws and cable ties for installation.

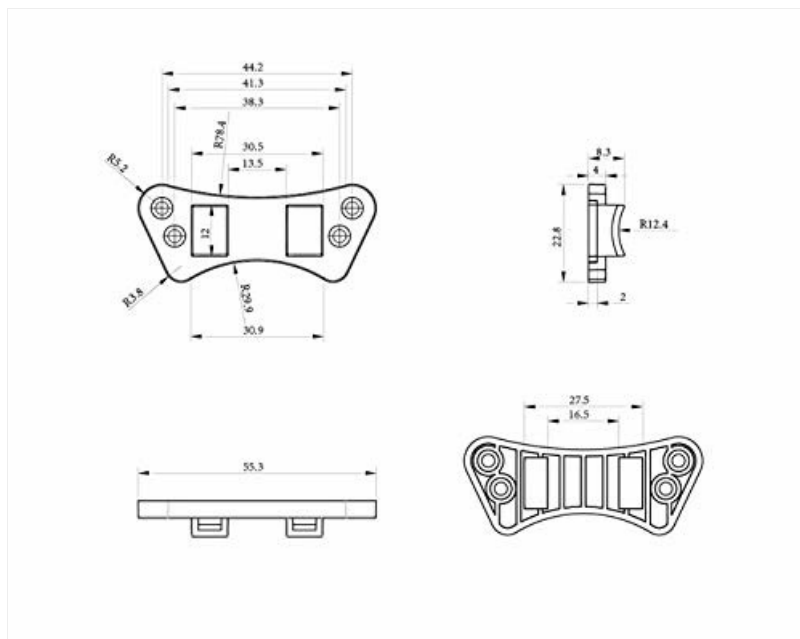


Figure 4: Dimensional drawing of the RL-HMB005 bracket, showing key measurements.

3. SETUP AND INSTALLATION

Follow these steps to properly install your Runleader RL-HMB005 mounting bracket and compatible meter.

3.1 Important Caution

CAUTION: DO NOT HIT THE PLASTIC PIPE MOUNTING BRACKET TO AVOID FRACTURE. Apply gentle, even pressure during installation.

3.2 Installation Steps

1. **Prepare the Meter:** Install your hour meter or tach/hour meter according to the specific directions provided with the meter's packaging.
2. **Attach Meter to Bracket:** Use the screws included with your hour meter or tach/hour meter to securely fasten the meter to the RL-HMB005 pipe mounting bracket. Ensure a snug fit without overtightening.
3. **Mount Bracket to Pipe:** Use the two cable ties (included with the meter or bracket) through the designated holes on the bracket. Wrap the cable ties around the device's pipe (diameter 18mm-30mm) and secure them tightly to fasten the meter and bracket assembly to the pipe.



Figure 5: Visual guide illustrating the installation process of the bracket and meter onto a pipe.

4. OPERATING INSTRUCTIONS

The Runleader RL-HMB005 is a passive mounting bracket. Once installed, its function is to securely hold your compatible Runleader hour meter, tachometer, or vibration meter in place. The operation of the mounted device is independent of the bracket and should be referred to in the specific instruction manual for that device.

5. MAINTENANCE

The RL-HMB005 mounting bracket requires minimal maintenance.

- **Cleaning:** Wipe the bracket with a soft, damp cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive cleaners, as these may damage the nylon material.
- **Inspection:** Periodically check the bracket and its fasteners (screws, cable ties) to ensure they remain secure. Tighten if necessary.
- **Storage:** If removing the bracket for storage, keep it in a clean, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

As a passive component, the RL-HMB005 bracket has limited troubleshooting scenarios.

- **Bracket is Loose:** Ensure that the screws fastening the meter to the bracket are tight, and the cable ties securing the bracket to the pipe are pulled taut.
- **Bracket Appears Damaged:** If the bracket shows signs of cracking or breakage, especially after impact, it should be replaced immediately to prevent the mounted device from falling.
- **Meter Not Functioning:** If the mounted meter is not working, refer to the troubleshooting section of the meter's specific instruction manual. The bracket itself does not affect the meter's electronic operation.

7. SPECIFICATIONS

Feature	Detail
Model Number	RL-HMB005
Part Number	RL-HMB005
Item Model Number	RL-HMB004
Material	Nylon
Color	Black
Dimensions (L x W x H)	55mm x 22mm x 8mm (approximate)
Fit Pipe Diameter	18mm - 30mm
Item Weight	15 g
Mounting Type	Pipe Mount
Manufacturer	Ningbo Jiangbei Run Leader Electronics Co., Ltd
UPC	606412395743

8. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Runleader RL-HMB005 mounting bracket, please refer to the documentation provided with your purchase or visit the official Runleader website. You may also contact Runleader customer service directly for assistance.

Runleader Store: [Visit the Runleader Store on Amazon](#)

