

AIRMAR 33-432-01

AIRMAR (039) Stern Mounting Kit for M256/M260 Transducers

Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the AIRMAR (039) Stern Mounting Kit, designed specifically for M256 and M260 transducers. Proper installation is crucial for optimal performance and longevity of your transducer system. Please read this manual thoroughly before beginning the installation process.

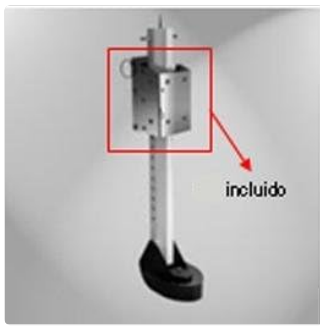
SAFETY INFORMATION

Always prioritize safety during installation and maintenance. Failure to follow these guidelines may result in injury or damage to equipment.

- Ensure the vessel is securely docked or trailered before beginning any work.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Disconnect all power to the transducer and associated electronics before installation or maintenance.
- Use only the tools and hardware specified in this manual or recommended by AIRMAR.
- If you are unsure about any step, consult a qualified marine technician.

PACKAGE CONTENTS

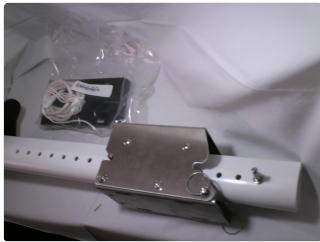
Verify that all components listed below are present in your kit before proceeding with installation. If any parts are missing or damaged, contact your dealer immediately.



1. Stern Mounting Bracket Assembly: This is the primary component that attaches to the transom of your vessel and holds the transducer pole. The image shows a diagram of the assembly, highlighting the bracket portion.



2. Main Pole and Transducer Mount: The adjustable pole to which the transducer is attached, along with the bracket that secures it to the stern. This image displays all major components of the kit, including the pole, bracket, and accessory bag.



3. Mounting Hardware: Includes various bolts, nuts, washers, and pins necessary for assembling the kit and attaching it to the vessel. This image provides a detailed view of the metal mounting bracket and its connection points on the pole.



4. Accessory Bag: Contains additional small components such as a coiled white rope and possibly other minor parts for securing or adjusting the mount. This image focuses on the accessory bag and its contents.

SETUP AND INSTALLATION

This section outlines the steps for installing the AIRMAR (039) Stern Mounting Kit. Ensure you have the following tools:

- Drill with appropriate drill bits
- Wrenches (metric/imperial as needed)
- Screwdrivers
- Marine sealant (e.g., 3M 4200 or 5200)

- Measuring tape and marker
- 1. **Choose Mounting Location:** Select a flat, strong area on the transom, clear of obstructions and propeller wash. The transducer face should be submerged and clear of turbulence when the boat is underway.
- 2. **Mark Drill Holes:** Hold the mounting bracket in the desired position and mark the drill holes. Ensure the bracket is level.
- 3. **Drill Pilot Holes:** Drill pilot holes using a drill bit slightly smaller than the mounting screws. Apply marine sealant to the holes before inserting screws to prevent water intrusion.
- 4. **Attach Mounting Bracket:** Secure the mounting bracket to the transom using the provided stainless steel screws and washers. Tighten firmly but do not overtighten.
- 5. **Assemble Transducer Pole:** Attach the transducer (M256 or M260, sold separately) to the end of the adjustable pole according to the transducer's specific instructions.
- 6. **Insert Pole into Bracket:** Slide the assembled transducer pole into the stern mounting bracket. Adjust the depth so the transducer is properly submerged.
- 7. **Secure Pole:** Use the provided pins or bolts to secure the pole at the desired depth and angle. Ensure it is firmly locked in place to prevent movement during operation.
- 8. **Route Cable:** Route the transducer cable away from moving parts and sharp edges. Use cable clamps to secure it along the transom and into the vessel. Ensure a drip loop is formed where the cable enters the hull to prevent water from following the cable into the boat.
- 9. **Connect to Electronics:** Connect the transducer cable to your fishfinder or sounder unit according to the manufacturer's instructions.
- 10. **Test System:** With the boat in water, power on your fishfinder and verify that the transducer is functioning correctly. Adjust the pole depth or angle if necessary to optimize performance.

OPERATION

Once installed, the AIRMAR (039) Stern Mounting Kit allows for optimal positioning of your M256/M260 transducer. The adjustable nature of the pole enables fine-tuning of the transducer's depth and angle to achieve the best sonar returns for various speeds and water conditions.

- **Depth Adjustment:** For best results, ensure the transducer face is fully submerged and clear of aerated water (propeller wash). Adjust the pole up or down using the locking pins to find the optimal depth for your vessel's hull design and speed.
- **Angle Adjustment:** The bracket allows for slight angle adjustments. Ensure the transducer is parallel to the waterline for accurate readings.
- **Trailing/Storage:** When trailering or storing the vessel, it is recommended to raise the transducer pole to prevent damage from road debris or accidental impacts.

MAINTENANCE

Regular maintenance will extend the life of your mounting kit and transducer.

- **Cleaning:** Periodically clean the transducer face and mounting kit components with fresh water to remove marine growth, salt, and debris. Avoid abrasive cleaners or tools that could scratch the transducer face.
- **Inspection:** Regularly inspect all mounting hardware, bolts, and pins for signs of corrosion, looseness,

or wear. Tighten any loose fasteners.

- **Cable Check:** Examine the transducer cable for any nicks, cuts, or signs of chafing. Secure any loose sections of cable.
- **Lubrication:** Apply a marine-grade lubricant to moving parts and adjustment points to ensure smooth operation and prevent seizing.

TROUBLESHOOTING

If you experience issues with your transducer's performance, consider the following common problems and solutions related to the mounting kit:

- **No Bottom Reading or Weak Signal:**
 - Ensure the transducer is fully submerged and not in aerated water (propeller wash). Adjust depth.
 - Check for marine growth or debris on the transducer face. Clean thoroughly.
 - Verify the transducer is angled correctly, parallel to the waterline.
- **Intermittent Readings or Noise:**
 - Check for loose connections at the transducer or fishfinder unit.
 - Ensure the transducer cable is routed away from sources of electrical interference (e.g., engine, other electronics).
 - Inspect the cable for damage.
- **Mounting Kit Loosening:**
 - Inspect all mounting screws and bolts. Tighten as necessary.
 - Check for signs of stress or cracking around the mounting area on the transom.

For persistent issues, consult your transducer's manual or contact AIRMAR customer support.

SPECIFICATIONS

Attribute	Value
Product Model	AIRMAR (039) Stern Mounting Kit
Compatible Transducers	M256, M260
Manufacturer Reference	33-432-01
ASIN	B00K8CAMCQ
Product Weight	2 kg (approx. 4.4 lbs)
Material	Marine-grade materials (e.g., stainless steel, durable plastics)

WARRANTY AND SUPPORT

This AIRMAR (039) Stern Mounting Kit is covered by AIRMAR's standard product warranty. Please refer to the official AIRMAR website or your product registration card for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

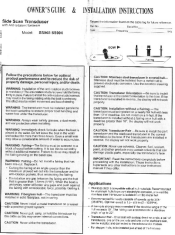

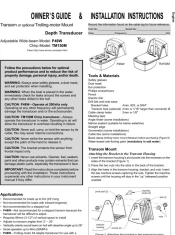
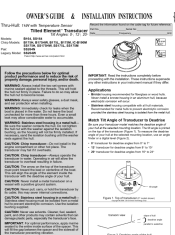
For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact AIRMAR customer service through their official channels. Provide your product model number (33-432-01) and ASIN (B00K8CAMCQ) when seeking support.


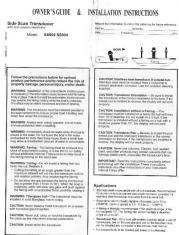
AIRMAR Technology Corporation

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Related Documents - 33-432-01

	<p>Airmar SS903 SS904 Side Scan Transducer Owner's Guide & Installation Instructions</p> <p>Comprehensive guide for installing and maintaining the Airmar SS903 SS904 Side Scan Transducer. Covers safety precautions, tools, mounting locations, installation procedures for various hull types, and replacement parts.</p>
	<p>Airmar Thru-Hull Depth Transducer Installation Guide & Owner's Manual</p> <p>Comprehensive installation instructions and owner's guide for Airmar thru-hull depth transducers, including models B45, B258, B260, SS260, SS505, B265, B275, and B285. Covers mounting, bedding, fairing, and maintenance.</p>
	<p>Airmar P48W & TM150M Depth Transducer Installation and Owner's Guide</p> <p>Comprehensive installation and owner's guide for the Airmar P48W and TM150M depth transducers, covering transom and trolling-motor mounts, setup, operation, and maintenance. Includes safety precautions, tools, materials, and troubleshooting.</p>
	<p>Airmar Thru-Hull 1kW Transducer Installation Guide</p> <p>This guide provides comprehensive installation and operational instructions for Airmar's Thru-Hull 1kW Transducers equipped with a Temperature Sensor. It covers models like B164, SS164, B175/SS175 series, and SS264, detailing safety precautions, mounting, hull compatibility, and connection procedures for optimal marine sonar performance.</p>

	<p>Airmar Sealcast™ Depth Transducer Installation Guide & Owner's Manual</p> <p>Comprehensive installation instructions and owner's guide for Airmar's Sealcast™ Depth Transducers (Models TM185, TM258, TM260, TM265, TM275) with temperature sensor. Learn proper mounting, testing, and maintenance for optimal performance.</p>
	<p>Airmar SS903 SS904 Side Scan Transducer Installation Guide</p> <p>Comprehensive owner's guide and installation instructions for the Airmar SS903 and SS904 Side Scan Transducers, covering warnings, tools, mounting locations, installation steps, cable routing, maintenance, and replacement parts.</p>