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MotorGuide 105-Pound Peak Thrust, w/ Sonar & GPS

MotorGuide Xi5 Freshwater Trolling Motor User Manual

Wireless, Bow Mount - 54-inch Shaft, 105-Pound Peak Thrust - Sonar & GPS

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, installation, and maintenance of your MotorGuide Xi5 Freshwater Trolling Motor. The Xi5 is designed for freshwater use, offering advanced wireless control, precise GPS navigation, and integrated sonar capabilities to enhance your fishing experience.





Figure 1.1: MotorGuide Xi5 Freshwater Trolling Motor, showcasing its sleek design and bow-mount configuration.

2. SAFETY INFORMATION

Always prioritize safety when operating your trolling motor. Read and understand all warnings and instructions before use.

- Ensure the motor is securely mounted before operation.
- Keep hands and feet clear of the propeller when the motor is powered on.
- Disconnect power to the motor before performing any maintenance or propeller inspection.
- Do not operate the motor in areas with excessive weeds or debris that could foul the propeller.
- Always wear appropriate personal flotation devices (PFDs) when on the water.
- Be aware of your surroundings and other watercraft.

3. SETUP AND INSTALLATION

The MotorGuide Xi5 is designed for bow-mount installation. Proper setup ensures optimal performance and safety.

3.1. Shaft Length Selection

The Xi5 is available in various shaft lengths to suit different boat sizes and water conditions. This model features a 54-inch shaft. Ensure the shaft length is appropriate for your boat to allow the propeller to be submerged adequately without hitting the bottom in shallow areas.

3.2. Mounting the Motor

The improved, low-profile mount features corrosion-resistant anodized aluminum and stainless steel components. The unique stow and deploy mechanism aligns and guides the motor into the stowed position and secures it in place. A secondary lock prevents unintentional deployment.



Figure 3.1: The MotorGuide Xi5 in its stowed position on the bow, highlighting the low-profile mount.



Figure 3.2: The MotorGuide Xi5 deployed for operation, showing the shaft extended into the water.

3.3. Power Connection

This 36-volt motor requires a suitable power source. Connect the motor to your boat's battery system according to the wiring diagram provided in the full installation guide. The motor has a maximum draw of 41 amps.

3.4. Foot Pedal and Remote Pairing

The Xi5 comes standard with a wireless foot-pedal controller. The handheld wireless remote is available as an accessory. Refer to the full installation guide for detailed instructions on pairing these wireless devices with your motor.

4. OPERATING INSTRUCTIONS

The MotorGuide Xi5 offers versatile control options for precise boat handling.

4.1. Wireless Foot Pedal Operation

The wireless foot pedal provides intuitive, pro-style "heel-toe" operation for steering. It is extremely quiet, precise, and 50-percent faster than competitive controllers. Digital variable speed control enables exceptional low-speed trolling capability and longer run time.



Figure 4.1: The wireless foot pedal, designed for intuitive heel-toe control.

4.2. Handheld Wireless Remote Control

The handheld remote offers comprehensive control over the motor's functions, allowing you to operate from anywhere on the boat.



Figure 4.2: The handheld wireless remote, providing full control at your fingertips.

- **Anchor Button:** Activates the Pinpoint GPS anchor mode to hold your boat's position.
- **Heading Sensor Button:** Engages the heading sensor for precise directional control.
- **Cruise Mode Button:** Activates cruise control for maintaining a set speed.
- **Memory Button:** Allows you to configure and store different areas or waypoints into memory for easy recall.
- **GPS Navigation Buttons:** Used for navigating to stored waypoints or along pre-defined routes.

4.3. LED Dashboard

The easy-to-read LED dashboard on the motor head provides quick status updates in any light conditions.





Figure 4.3: Close-up of the MotorGuide Xi5 LED dashboard, showing status indicators.

- **Power ON/System Ready:** Indicates the motor is powered and ready for operation.
- **Propeller ON:** Shows when the propeller is actively spinning.
- **Pinpoint GPS System Active:** Confirms the GPS system is engaged and functioning.
- **Battery Life:** Displays three levels of battery life for quick assessment.

4.4. Pinpoint GPS System

The Pinpoint GPS is the industry's most accurate GPS, providing three times the precision control and a tighter hold on your anchor point. It is Pinpoint Gateway compatible to connect to Lowrance, Simrad, and Mercury VesselView Multi-Functional Displays for complete on-screen controls of the motor functions.

4.5. Sonar Transducer

The built-in 83/200 kHz sonar transducer delivers industry-leading clarity and detail, allowing you to identify more fish and structure. It includes an integrated temperature sensor and an epoxy-potted nose cone for maximum protection. Sonar adapter cables ensure compatibility with most leading sonar brands.



Figure 4.4: The propeller and integrated sonar transducer at the base of the motor.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MotorGuide Xi5 trolling motor.

- **After Each Use:** Rinse the motor with fresh water, especially after use in brackish or saltwater environments, to prevent corrosion.
- **Propeller Inspection:** Regularly check the propeller for fishing line, weeds, or other debris. Remove any obstructions to prevent damage to the motor shaft seal.
- **Battery Care:** Ensure your 36V battery system is properly charged and maintained according to battery manufacturer guidelines.
- **Shaft Inspection:** The composite shaft is designed to bend but not break. Periodically inspect it for any signs of damage or stress.
- **Mounting Hardware:** Check all mounting bolts and fasteners for tightness before each use.

6. TROUBLESHOOTING

Refer to the following common issues and their potential solutions. For more complex problems, contact MotorGuide customer support.

| Problem | Possible Cause | Solution |
|----------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Motor not powering on. | Low battery, loose connection, tripped circuit breaker. | Check battery charge, inspect all electrical connections, reset circuit breaker. |
| Propeller not spinning. | Debris around propeller, motor in standby, damaged propeller. | Clear debris, ensure propeller indicator on dashboard is ON, inspect propeller for damage. |
| Inaccurate GPS positioning. | Poor satellite signal, interference. | Move to an open area with clear sky view, check for nearby electronic interference. |
| Wireless control not responding. | Remote/pedal battery low, out of range, pairing issue. | Replace batteries, move closer to motor, re-pair remote/pedal as per manual. |

7. SPECIFICATIONS

| Feature | Detail |
|-------------------------|---------------------------------------|
| Brand | MotorGuide |
| Model | 105-Pound Peak Thrust, w/ Sonar & GPS |
| Item Model Number | 940800250 |
| Thrust | 105 Pounds Peak Thrust |
| Shaft Length | 54 inches |
| Voltage | 36 Volts |
| Max Current Draw | 41 Amps |
| Propeller | 3-blade Machete III Glass-Filled |
| Sonar Frequency | 83/200 kHz |
| Recommended Boat Length | 20-24 feet |
| Item Weight | 56 Pounds |
| Product Dimensions | 70 x 18 x 11 inches |
| Fuel Type | Electric |
| Mounting Type | Bow Mount |

8. WARRANTY

The new composite shaft is so capable of managing any obstructions – it will bend but won't break – that it is backed by a **lifetime warranty**. For details on other components and the full warranty policy, please refer to the official MotorGuide warranty documentation or contact customer support.

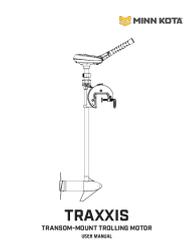
9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty claims, please contact MotorGuide customer support. Visit the official MotorGuide website for contact information and additional resources.

MotorGuide has been dedicated to engineering and manufacturing innovative trolling motors and accessories for over 50 years. Proudly setting the standard for the most accurate Pinpoint® GPS system and quietest motors, MotorGuide provides anglers with precise propulsion for superior boat control.

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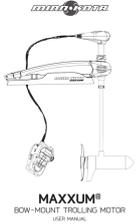
Related Documents - 105-Pound Peak Thrust, w/ Sonar & GPS

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|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Minn Kota Riptide Instinct QUEST Bow-Mount Trolling Motor Owner's Manual</p> <p>Comprehensive owner's manual for the Minn Kota Riptide Instinct QUEST bow-mount trolling motor, covering installation, operation, maintenance, and troubleshooting. Learn to optimize your fishing experience with advanced features.</p> |
|  | <p>Minn Kota PowerDrive V2 Trolling Motor User Manual</p> <p>Comprehensive user manual for the Minn Kota PowerDrive V2 bow-mount trolling motor, covering installation, operation, maintenance, troubleshooting, and recommended accessories.</p> |
|  | <p>Minn Kota Traxxis Transom-Mount Trolling Motor User Manual</p> <p>Comprehensive user manual for the Minn Kota Traxxis transom-mount trolling motor, covering installation, operation, safety, battery and wiring, maintenance, troubleshooting, and compliance information.</p> |
|  | <p>MotorGuide Pinpoint Gateway Setup and Xi5 Motor Upgrade Instructions</p> <p>Comprehensive setup instructions for the MotorGuide Pinpoint Gateway, including a detailed guide for upgrading the Xi5 trolling motor software to ensure compatibility with the Lowrance SmartSteer interface. Learn how to connect your system and troubleshoot common issues.</p> |



[Minn Kota Fortrex Trolling Motor User Manual: Installation, Operation & Maintenance](#)

Comprehensive user manual for the Minn Kota Fortrex bow-mount trolling motor. Includes installation guides, wiring diagrams, operating instructions, maintenance tips, and troubleshooting for optimal fishing performance.



[Minn Kota Maxxum 70 Trolling Motor User Manual](#)

User manual for the Minn Kota Maxxum 70 bow-mount trolling motor (70 lbs thrust, 24V, 42" shaft). Covers installation, wiring, operation, maintenance, troubleshooting, and safety. Includes parts diagrams and compliance information.