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Minn Kota 1358202

Minn Kota Terrova Quest Trolling Motor Instruction Manual

Model: 1358202

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Minn Kota Terrova Quest Trolling Motor. The Terrova Quest series is designed for demanding anglers, featuring a robust build, advanced GPS functionality, and an Eco Mode for extended battery life. Please read this manual thoroughly before using your trolling motor to ensure safe and efficient operation.

2. SAFETY INFORMATION

Always observe basic safety precautions when operating electrical equipment. Failure to do so may result in injury or damage to the product.

- Ensure the motor is securely mounted before operation.
- Disconnect power before performing any maintenance or adjustments.
- Keep hands and loose clothing clear of the propeller when the motor is in operation.
- Do not immerse the control head or electrical connections in water.
- Use only Minn Kota approved accessories and replacement parts.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Terrova 90/115 lb. 72" shaft trolling motor with Built-in Dual Spectrum CHIRP
- Wireless Remote
- Lanyard
- Mounting Hardware

- Installation Instructions (this manual)





Figure 3.1: Complete package contents including the trolling motor, wireless remote, and foot pedal.

4. SETUP AND INSTALLATION

4.1 Mounting the Trolling Motor

The Terrova Quest motor features a robust mount designed for easy deployment and stowage. Ensure the mounting surface on your boat is flat and strong enough to support the motor's weight and thrust.

1. Position the motor mount on the bow of your boat, ensuring the shaft can deploy freely without obstruction.
2. Mark the drilling locations using the mount as a template.
3. Drill appropriate holes and secure the mount using the provided mounting hardware.
4. Press the Stow/Deploy Lever to effortlessly slide your trolling motor into the water. Auto Park feature helps orient the lower unit for easy stowage.



Figure 4.1: Side view of the Terrova Quest motor, illustrating the shaft and mount.



Figure 4.2: Detailed view of the robust motor mount mechanism.

4.2 Electrical Connection

The Terrova Quest operates on a dual 24/36V brushless system. Ensure your boat's battery system is configured correctly for the required voltage.

- Connect the motor's power cables to your boat's battery system, observing correct polarity.
- Ensure all connections are secure and protected from water ingress.

4.3 Sonar Connection

The Built-In Dual Spectrum CHIRP Sonar keeps your transducer and wiring concealed within the trolling motor's shaft.

- Connect the sonar cable from the trolling motor to your compatible Humminbird fish finder.
- Refer to your fish finder's manual for specific connection and setup instructions.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the motor, press the power button located on the mount. The system status indicator will illuminate.



Figure 5.1: Power button and system status indicators on the motor mount.

5.2 Advanced GPS Trolling System

The Terrova Quest utilizes an advanced GPS system for precise boat control. Control features via the wireless remote or compatible Humminbird fish finder.

- **Spot-Lock with Jog:** This feature holds your boat in a precise GPS location. Use the Jog function to move your Spot-Lock position five feet in any direction.
- **Record Paths:** Create and store custom trolling paths for repeated use.
- **Control Speed and Steering:** Adjust motor speed and direction using the remote or foot pedal.
- **Drift Mode:** Automatically engages speed and course control to maintain your desired drift, reducing the need for manual adjustments or drift socks.

5.3 Wireless Remote

The included wireless remote provides intuitive control over all motor functions. Its LCD screen displays essential information.



Figure 5.2: The control head of the Terrova Quest motor.

5.4 Heel-Toe Programmable Electric Foot Pedal

The low-profile foot pedal offers versatile control options.

- **Steering:** Use heel/toe action or left/right buttons for precise steering.

- **Programmable Button:** Customize this button to activate frequently used features such as marking a waypoint, engaging AutoPilot, or deploying/retracting Minn Kota shallow water anchors.

5.5 Battery Monitoring and Digital Maximizer

The motor features real-time battery monitoring with a 'time until empty' display. A notification will appear when battery power drops to 20%, prompting users to enter Eco Mode to extend battery life.

The Digital Maximizer technology provides up to 5 times longer run time on a single battery charge by delivering only the necessary power for your selected speed.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Minn Kota Terrova Quest trolling motor.

- **After Each Use:** Rinse the motor shaft and propeller with fresh water, especially after use in saltwater. Inspect the propeller for any fishing line or debris and remove it.
- **Periodically:** Check all electrical connections for corrosion and ensure they are tight. Inspect the mounting hardware for any looseness and tighten as necessary.
- **Propeller Care:** If the propeller becomes damaged, replace it with an authentic Minn Kota propeller to maintain performance.
- **Storage:** When storing the motor for extended periods, ensure it is clean, dry, and stored in a cool, dry place. Disconnect from batteries.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Terrova Quest trolling motor. For more complex problems, contact Minn Kota customer support.

Problem	Possible Cause	Solution
Motor does not turn on	No power from battery; Loose electrical connection; Blown fuse/breaker	Check battery charge; Inspect and tighten all connections; Check and replace fuse/reset breaker.
Reduced thrust or speed	Low battery charge; Propeller fouled with debris; Damaged propeller	Recharge batteries; Clear propeller of debris; Replace damaged propeller.
GPS functions not working	Poor GPS signal; Interference; Remote not paired	Move to an open area with clear sky view; Reduce electronic interference; Re-pair wireless remote.
Foot pedal unresponsive	Cable connection issue; Pedal malfunction	Check foot pedal cable connection; Test with wireless remote to isolate problem.

8. SPECIFICATIONS

Feature	Detail
Brand	Minn Kota

Feature	Detail
Model Name	Terrova
Part Number	1358202
Item Weight	105 Pounds
Color	Black
Material	Aluminum
Engine Type	Electric
Operation Mode	Automatic, Electric
Recommended Uses	For Inflatable Boats
Voltage	36 Volts
Mounting Type	Motor
Fuel Type	Electric
UPC	029402050864
Item Package Dimensions L x W x H	90 x 18 x 14.5 inches
Package Weight	103 Pounds

9. WARRANTY & SUPPORT

9.1 Warranty Information

The Minn Kota Terrova Quest Trolling Motor comes with a Three-Year Warranty with Registration. Please register your product on the official Minn Kota website to activate your warranty. Keep your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Minn Kota customer support. You can find contact information and additional resources on the official Minn Kota website: www.minnkotamotors.com.

You may also visit the Minn Kota Store on Amazon for product information and support: [Minn Kota Amazon Store](#).