

Minn Kota Terrova 55

Minn Kota Terrova 55 Trolling Motor with i-Pilot and Bluetooth Instruction Manual

Model: Terrova 55 (1358805)

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, installation, and maintenance of your Minn Kota Terrova 55 Trolling Motor with i-Pilot and Bluetooth. Please read this manual thoroughly before using your trolling motor.

The Minn Kota Terrova 55 is a 12-volt, 55-pound thrust trolling motor with a 54-inch shaft, featuring the i-Pilot GPS Trolling System and Bluetooth connectivity. This model does not include a foot pedal.



Image 1.1: The Minn Kota Terrova 55 Trolling Motor, shown with the i-Pilot remote and heading sensor. This bow-mount motor features a black shaft and motor head, designed for efficient boat positioning.

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Terrova 55lb. 54" motor
- i-Pilot Remote
- Lanyard for i-Pilot Remote
- Heading Sensor
- MKP-32 Propeller
- Mounting Hardware

3. INSTALLATION AND SETUP

Proper installation is crucial for optimal performance and safety. This motor is designed for bow-mount installation.

3.1 Mounting the Trolling Motor

1. Position the motor on the bow of your boat, ensuring sufficient clearance for deployment and stowage.
2. Mark the drilling locations for the mounting hardware.
3. Drill appropriate holes and secure the motor mount using the provided mounting hardware. Ensure the mount is firmly attached to the boat's deck.

3.2 Electrical Connection

- Connect the motor to a 12-volt marine battery system. Ensure proper polarity.
- It is recommended to install an appropriate circuit breaker (not included) in the power line to protect the motor and electrical system.
- Consult a qualified marine electrician if you are unsure about the electrical connections.

3.3 Propeller Installation

1. Ensure the motor is disconnected from power.
2. Align the MKP-32 propeller with the motor shaft and slide it on.
3. Install the propeller nut and tighten it securely, but do not overtighten.

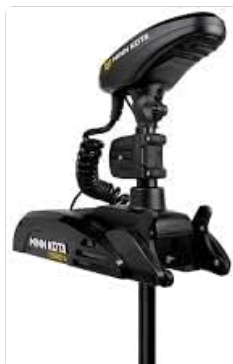


Image 3.1: A close-up view of the Minn Kota Terrova motor head, showing the robust construction and design elements.

4. OPERATING INSTRUCTIONS

4.1 Stow/Deploy Lever and Lift-Assist

The Terrova features a redesigned Stow/Deploy lever and Lift-Assist mechanism for easy motor handling.

- To deploy: Press down on the Stow/Deploy lever. The motor will slide into the water.
- To stow: Lift the motor using the shaft. The Lift-Assist mechanism will help carry the motor's weight, making it easier to raise and secure.



Image 4.1: Detail of the Minn Kota Terrova mount, highlighting the stow/deploy lever and the robust design of the mounting bracket.

4.2 i-Pilot GPS Trolling System

The i-Pilot system provides advanced boat positioning and control using GPS technology. Control is primarily

via the i-Pilot remote or the Minn Kota mobile app.

- **Spot-Lock with Jog:** This feature holds your boat in a precise GPS location. Activate Spot-Lock from the i-Pilot remote. With the included heading sensor, you can use the Jog feature to move your boat five feet in any direction while maintaining Spot-Lock.
- **Record Paths:** The i-Pilot system allows you to record and retrace fishing paths.
- **Speed and Steering Control:** Adjust motor speed and direction directly from the i-Pilot remote.
- **AutoPilot:** Automatically navigate your boat in a chosen direction. Point the motor head in the desired direction, activate AutoPilot, and the motor will maintain that heading, compensating for wind and current.

4.3 Mobile App Compatibility

Control your i-Pilot system from your Apple or Android device using the Minn Kota mobile app. The app provides quick command of speed, steering, Spot-Lock, and Advanced AutoPilot, and facilitates software updates.

4.4 Push-to-Test Battery Meter

A button on the trolling motor head provides an instant status of your battery life. Press the button to view the current charge level.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your Minn Kota Terrova 55 trolling motor.

- **After Each Use:** Rinse the motor with fresh water, especially after use in saltwater environments, to prevent corrosion.
- **Propeller Inspection:** Regularly check the propeller for fishing line, weeds, or damage. Remove any debris and replace damaged propellers.
- **Electrical Connections:** Periodically inspect all electrical connections for corrosion or loose fittings. Clean and tighten as necessary.
- **Shaft and Mount:** Keep the motor shaft and mount clean. Lubricate moving parts of the mount as recommended by Minn Kota (refer to official Minn Kota resources for specific lubrication points and types).

6. TROUBLESHOOTING

If you encounter issues with your trolling motor, review the following common problems and solutions. For more complex issues, contact Minn Kota customer support.

- **Motor Not Responding:**
 - Check battery connections and ensure they are secure and free of corrosion.
 - Verify the battery has sufficient charge using the Push-to-Test Battery Meter.
 - Ensure the i-Pilot remote is paired and has fresh batteries.
 - Check the circuit breaker for tripping.
- **Reduced Thrust or Performance:**
 - Inspect the propeller for damage or entanglement with fishing line/weeds.

- Ensure the battery is fully charged and in good condition.

- **GPS Inaccuracy (Spot-Lock/AutoPilot):**

- Ensure the heading sensor is properly installed and calibrated according to Minn Kota instructions.
- Operate in an open area with a clear view of the sky for optimal GPS signal reception.

7. SPECIFICATIONS

Feature	Specification
Model	Terrova 55
Control	i-Pilot Remote (no foot pedal)
Volts	12V
Max Thrust	55 lbs.
Shaft Length	54"
Speed Control	Variable
AutoPilot	Included with i-Pilot
Max. Amp Draw	50A
Propeller	Weedless Wedge 2 (MKP-32)
Mounting Type	Bow Mount
Recommended Use	For Salt Water (Note: Some product descriptions may vary, refer to official Minn Kota documentation for definitive use cases.)

8. WARRANTY AND SUPPORT

The Minn Kota Terrova 55 Trolling Motor is backed by a **2-Year Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or further support, please contact Minn Kota customer service directly. Refer to the official Minn Kota website or product packaging for the most current contact information.

For additional resources and product information, visit the official Minn Kota store: [Minn Kota Store](#)

Related Documents - Terrova 55



[Minn Kota Terrova Bow-Mount Trolling Motor Owner's Manual](#)

Comprehensive owner's manual for the Minn Kota Terrova bow-mount trolling motor. Covers installation, features, operation, safety, maintenance, and warranty. Includes details on i-Pilot and i-Pilot Link systems. Visit minnkotamotors.com for support.



[Minn Kota Terrova Trolling Motor Installation Guide](#)

Comprehensive installation guide for the Minn Kota Terrova bow-mount trolling motor, covering setup, safety, mounting, wiring, and feature integration like i-Pilot and sonar.



[Minn Kota Terrova Bow-Mount Trolling Motor Owner's Manual](#)

A comprehensive guide detailing the installation, features, operation, maintenance, and troubleshooting for the Minn Kota Terrova bow-mount trolling motor, designed for enhanced fishing experiences.



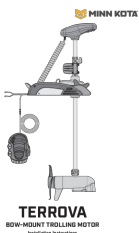
[Minn Kota Remote Pairing Guide for i-Pilot and i-Pilot Link](#)

A comprehensive guide to pairing Minn Kota i-Pilot and i-Pilot Link remotes with trolling motor control heads, covering Bluetooth and older models, including troubleshooting and compatibility information.



[Minn Kota Remote Pairing Guide for i-Pilot, i-Pilot Link, and CoPilot Trolling Motors](#)

Comprehensive guide to pairing and programming Minn Kota i-Pilot, i-Pilot Link, and CoPilot remotes with various trolling motor models (2017 & Newer and 2016 & Prior). Includes instructions for Micro Remotes and CoPilot receivers.



[Minn Kota Terrova Bow-Mount Trolling Motor Installation Guide](#)

Comprehensive installation guide for the Minn Kota Terrova bow-mount trolling motor. Covers parts, mounting, wiring, and safety precautions for proper setup.

