

[Manuals.plus](#) /

> [Minn Kota](#) /

> Minn Kota Riptide Terrova Trolling Motor User Manual

Minn Kota Riptide Terrova 1363785

Minn Kota Riptide Terrova Trolling Motor User Manual

Model: Riptide Terrova (1363785)

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Minn Kota Riptide Terrova Bow-Mount Electric Trolling Motor. The Riptide Terrova is designed for saltwater use, offering advanced boat control features including GPS navigation and Spot-Lock technology. Please read this manual thoroughly before using your trolling motor to ensure safe and efficient operation.





Figure 1: Overview of the Minn Kota Riptide Terrova Trolling Motor and its wireless remote.

KEY FEATURES

- **Stow/Deploy Lever:** Facilitates effortless deployment and retrieval of the motor.
- **Advanced Corrosion Protection:** Grit-blasted, aluminum-coated, and powder-coated for saltwater durability.
- **Advanced GPS Trolling System:** Provides precise boat control with features like Spot-Lock, path recording, and speed/steering control.
- **One-Boat Network Integration:** Connects with select Humminbird fish finders for integrated control via the One-Boat Network App.
- **Spot-Lock with Jog:** Maintains position with GPS accuracy and allows for 5-foot adjustments in any direction.
- **Drift Mode:** Automatically manages speed and course to maintain drift, reducing the need for manual adjustments or drift socks.

- **Digital Maximizer:** Optimizes power usage for up to five times longer run time on a single battery charge.
- **Indestructible Composite Shaft:** A durable, lifetime-guaranteed composite shaft.
- **Included Components:** Riptide Terrova 80 lb. 54" motor, Wireless Remote, Lanyard, Heading Sensor, MKP-33 Prop, and Mounting Hardware.

SETUP

Mounting the Trolling Motor

The Riptide Terrova is a bow-mount trolling motor. Ensure the mounting surface on your boat's bow is flat and strong enough to support the motor's weight and operational forces. Use the provided mounting hardware for secure installation.



Figure 2: Detail of the mounting bracket and stow/deploy lever mechanism.

Electrical Connection

The Riptide Terrova operates on 24 Volts. Connect the motor to a compatible 24V marine battery system. Ensure all connections are clean, tight, and properly insulated to prevent corrosion and ensure optimal performance. Refer to the wiring diagram included with your motor for specific instructions.



Figure 3: The battery meter and power cable connections on the Riptide Terrova motor base.

Initial Setup and Pairing

Upon initial power-up, follow the instructions to pair the wireless remote with your trolling motor. The included heading sensor should also be calibrated as per the quick start guide to ensure accurate GPS and Spot-Lock functionality.

OPERATING THE TROLLING MOTOR

Stow and Deploy

To deploy the motor, press the stow/deploy lever on the mount. The motor will slide into the water. To stow, lift the motor and engage the lever to secure it in the stowed position. Ensure the motor is fully stowed before moving the boat at high speeds.

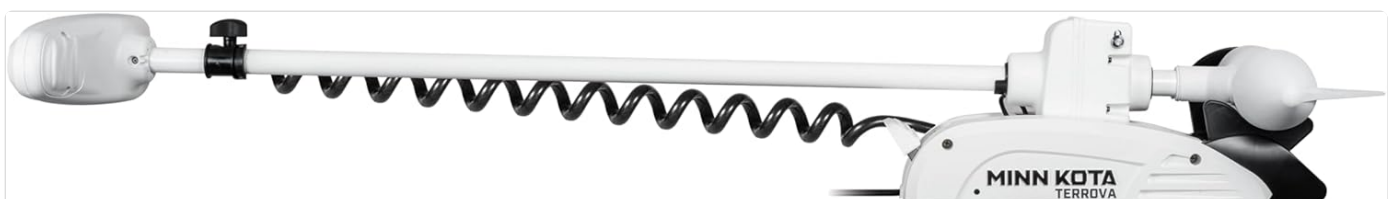


Figure 4: The Riptide Terrova motor in its fully stowed position on the boat's bow.

Using the Advanced GPS Trolling System

The Riptide Terrova's GPS system allows for precise boat positioning. Use the wireless remote to activate features such as:

- **Spot-Lock:** Holds your boat's position with GPS accuracy. Activate from the remote or a connected Humminbird fish finder.
- **Spot-Lock with Jog:** Once Spot-Lock is active, use the Jog feature to move your boat 5 feet in any direction (forward,

backward, left, right).

- **Record Paths:** Record and retrace your fishing paths.
- **Cruise Control:** Maintain a set speed.
- **Drift Mode:** Automatically adjusts motor thrust to maintain a desired drift speed and course, even in wind or current.



Figure 5: An angler utilizing the Riptide Terrova trolling motor for precise boat control while fishing.

Digital Maximizer

The Digital Maximizer technology provides variable speed control, delivering only the necessary power. This conserves battery life, extending your time on the water. Adjust speed incrementally using the remote.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Riptide Terrova trolling motor.

- **Cleaning:** After each use in saltwater, rinse the motor thoroughly with fresh water to remove salt residue.

- **Corrosion Protection:** The motor is designed with advanced corrosion protection, but regular inspection of all components, especially electrical connections, is recommended. Apply marine-grade anti-corrosion spray to exposed metal parts as needed.
- **Propeller Inspection:** Periodically check the propeller for fishing line, weeds, or other debris that could impede performance or damage the shaft seal. Remove and clean as necessary.
- **Shaft Inspection:** While the composite shaft is indestructible, inspect it for any signs of damage or wear.
- **Battery Care:** Ensure your marine batteries are properly charged and maintained according to the battery manufacturer's recommendations.

TROUBLESHOOTING

If you encounter issues with your Riptide Terrova, consider the following common troubleshooting steps:

- **Motor Not Responding:** Check battery connections and charge level. Ensure the wireless remote is paired and has fresh batteries.
- **Reduced Thrust:** Inspect the propeller for obstructions (fishing line, weeds) and ensure it is clean. Check battery voltage.
- **GPS Inaccuracy:** Ensure the heading sensor is properly calibrated and there are no obstructions blocking the GPS signal.
- **Unusual Noise:** Turn off the motor and inspect the propeller and lower unit for any foreign objects or damage.

For more detailed troubleshooting or issues not listed here, please refer to the comprehensive troubleshooting guide available on the Minn Kota website or contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	Minn Kota
Model Name	Riptide Terrova
Model Number	1363785
Thrust	80 lb.
Shaft Length	54 inches
Voltage	24 Volts
Mounting Type	Bow Mount
Recommended Use	Saltwater
Material	Aluminum (housing), Composite (shaft)
Color	White
UPC	029402050765

WARRANTY AND SUPPORT

Warranty Information

The Minn Kota Riptide Terrova trolling motor comes with a **Three-Year Warranty with Registration**. Please register your product upon purchase to activate the warranty. The indestructible composite shaft is guaranteed for life.

Customer Support

For technical assistance, warranty claims, or to purchase replacement parts, please visit the official Minn Kota website or contact their customer support department. Keep your product's model number and serial number readily available when contacting support.

You can find more information and support resources at the [Minn Kota Store on Amazon](#).