

Cannon 1902335 Optimum

Cannon 1902335 Optimum Electric Downrigger User Manual

Model: 1902335 Optimum

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Cannon 1902335 Optimum Electric Downrigger. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.



Image 1.1: The Cannon 1902335 Optimum Electric Downrigger, showcasing its main unit, boom, and integrated rod holders.

2. SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Always follow general boating and fishing safety guidelines. Ensure all electrical connections are secure and waterproof. Do not operate the downrigger if any components appear damaged. Keep hands and loose clothing clear of moving parts during operation.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Cannon Optimum 10 BT Electric Downrigger
- Universal mounting base
- Rod holder
- Line terminator
- Mounting hardware

4. FEATURES

- **Fast Retrieval:** Capable of retrieving weights at speeds up to 250 feet per minute, featuring an Auto-Up function for hands-free recovery.
- **Depth Control:** Equipped with a three-digit counter and advanced options such as preset depths, Depth Cycle, and Bottom Tracking (where applicable) to maintain lure position in the strike zone.
- **Durable Boom:** Features a stainless steel telescopic boom designed for strength and extended reach in both fresh and saltwater environments.
- **Positive Ion Control (PIC):** Neutralizes negative energy fields emitted by your boat, which can help attract fish closer to your fishing spread.
- **Ready to Mount:** Includes a universal mounting base, rod holder, line terminator, and all necessary hardware for quick and secure installation.

5. SETUP

Proper installation is crucial for the performance and safety of your downrigger. Follow these general steps for setup:

1. **Mounting:** Secure the universal mounting base to a stable, flat surface on your boat, typically the stern. Use the provided hardware and ensure it is tightly fastened.
2. **Attach Downrigger:** Mount the downrigger unit onto the installed base.
3. **Electrical Connection:** Connect the downrigger to your boat's 12V DC power supply. Ensure connections are clean, tight, and protected from water. Refer to your boat's electrical system manual for proper wiring.
4. **Boom Extension:** Extend the telescopic boom to the desired length.
5. **Line Installation:** Spool the downrigger cable onto the reel and attach the line terminator.
6. **Rod Holder Adjustment:** Adjust the dual-axis rod holder to the optimal angle for your fishing rod.

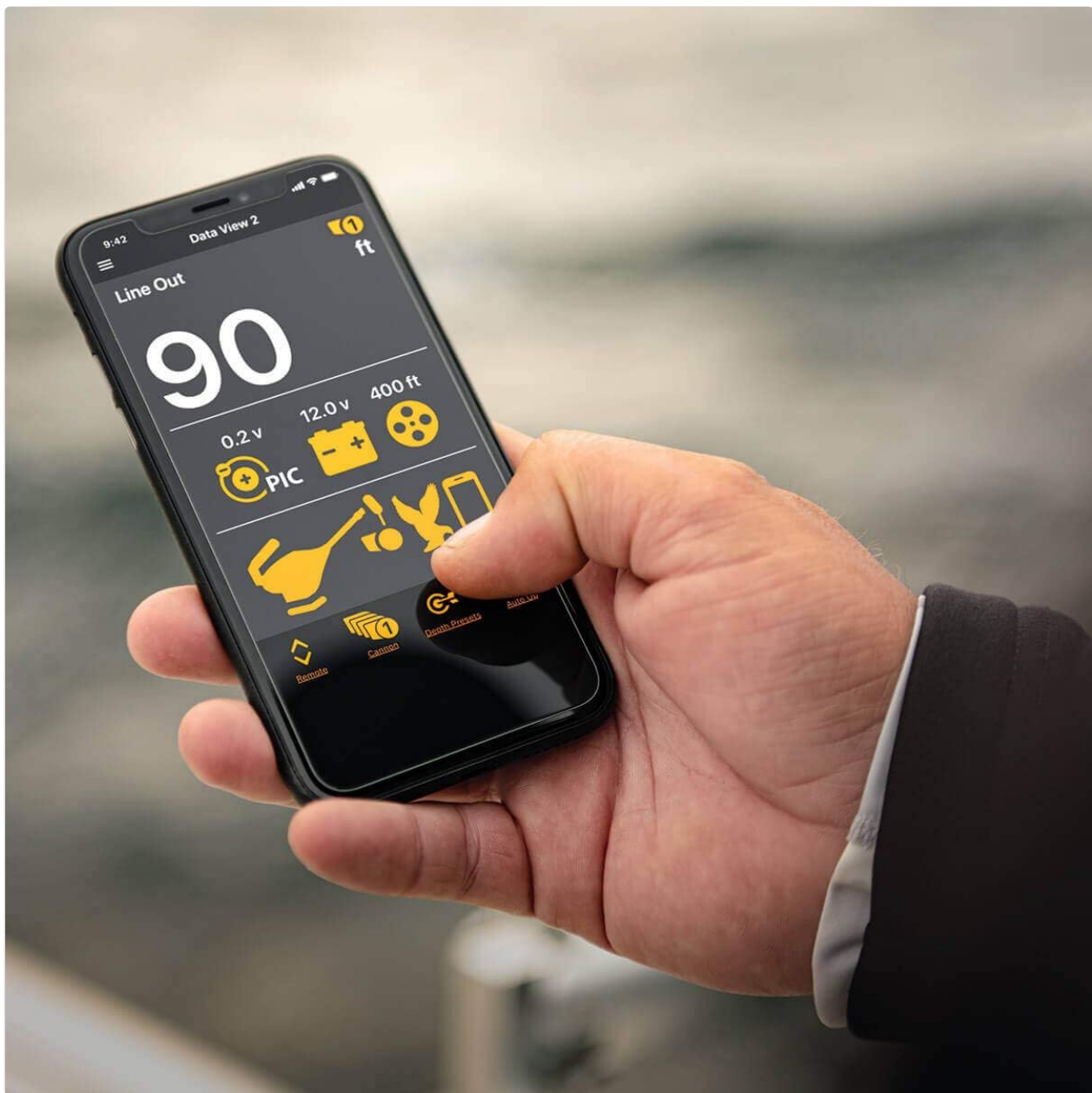


Image 5.1: A boat demonstrating the deployment of multiple Cannon downriggers, illustrating a typical setup for trolling.

6. OPERATION

Operating your Optimum Electric Downrigger involves setting your lines, controlling depth, and retrieving your gear.

6.1. Setting Your Lines

Place your fishing rod into the dual-axis rod holder. Attach your fishing line to the downrigger cable using the line terminator. The dual-axis rod holder allows for precise positioning of your fishing rod to optimize your trolling spread.

6.2. Depth Control

Utilize the downrigger's controls to lower your weight to the desired depth. The integrated three-digit counter provides real-time depth readings. Advanced features like preset depths, Depth Cycle, and Bottom Tracking (if applicable) allow for precise lure placement.



Image 6.1: The downrigger's digital display indicating current depth and probe information, essential for precise lure placement.





Image 6.2: The downrigger's display interface, showing options for setting and recalling specific depth presets.

6.3. Retrieval

When a fish strikes or you need to move, use the retrieval function. The Auto-Up feature allows for hands-free recovery of the downrigger weight. The fast retrieval speed minimizes downtime.



Image 6.3: A user interacting with the control panel of the downrigger, demonstrating ease of operation.

6.4. Positive Ion Control (PIC)

The Positive Ion Control system generates a positive electrical field around your downrigger cable, which can attract fish. Ensure the system is active during operation for optimal results.

6.5. Smartphone Integration

The Cannon Optimum Electric Downrigger can connect to a smartphone app for enhanced control and data monitoring. Refer to the app's instructions for pairing and usage.



Image 6.4: A smartphone screen showing the dedicated application for monitoring and controlling the downrigger, displaying line out, voltage, and other metrics.

7. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your downrigger:

- **Cleaning:** After each use, rinse the downrigger with fresh water to remove salt, dirt, and debris.
- **Cable Inspection:** Periodically inspect the downrigger cable for fraying, kinks, or corrosion. Replace the cable if any damage is observed.
- **Electrical Connections:** Check all electrical connections for corrosion or looseness. Apply dielectric grease to terminals to prevent corrosion.
- **Lubrication:** Lubricate moving parts as recommended by Cannon to ensure smooth operation.
- **Storage:** When not in use, store the downrigger in a dry, protected area. Consider using a cover to protect it from the elements.

8. TROUBLESHOOTING

If you encounter issues with your Canon Optimum Electric Downrigger, consider the following general

troubleshooting steps:

- **Power Issues:** Check all electrical connections, battery charge, and fuses if the unit does not power on or operate.
- **Cable Problems:** If the cable is not deploying or retrieving smoothly, inspect for tangles, obstructions, or damage to the spool or boom end.
- **Control Malfunctions:** If controls are unresponsive, ensure the unit is powered correctly and check for any error messages on the display.

For persistent issues or complex repairs, contact Cannon customer support or an authorized service center.

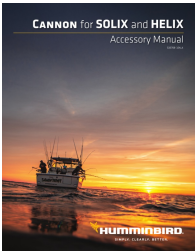
9. SPECIFICATIONS

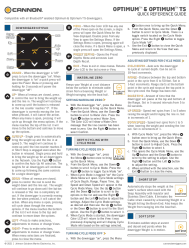



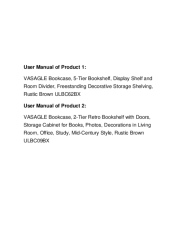
Attribute	Detail
Manufacturer	Cannon
Brand	Cannon
Model	Optimum
Item Weight	29.4 pounds
Product Dimensions	15.5 x 10.5 x 24 inches
Item Model Number	1902335
Manufacturer Part Number	1902335
ASIN	B07XPRPWFAQ
Date First Available	September 9, 2019

10. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please visit the official Cannon website or contact their customer service department. Keep your purchase receipt for warranty claims.

Related Documents - 1902335 Optimum

	<p>Cannon Optimum Downrigger Accessory Manual for Humminbird SOLIX and HELIX</p> <p>This accessory manual provides setup, operation, and troubleshooting guidance for the Cannon Optimum and Optimum TS downriggers when integrated with Humminbird SOLIX and HELIX series control heads via Bluetooth technology.</p>
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	<p>Cannon Optimum & Optimum TS Downrigger Quick Reference Guide</p> <p>A quick reference guide for operating the Cannon Optimum and Optimum TS downriggers, covering keypad functions, menu navigation, and key features like Cycle Mode, Waterline Zero, Bottom Tracking, and Preset Depths.</p>
	<p>Cannon Lake-Troll Manual Downrigger User Manual - Fishing Equipment Guide</p> <p>Comprehensive user manual for the Cannon Lake-Troll Manual Downrigger. Learn about installation, operation, maintenance, and troubleshooting for this fishing equipment. Includes parts diagrams and warranty information.</p>
	<p>Cannon Downrigger Owner's Manual: Easi-Troll HS, Easi-Troll/E, Lake-Troll</p> <p>Comprehensive owner's manual for Cannon downriggers, covering setup, operation, maintenance, troubleshooting, and trolling tips. Includes detailed instructions for installing the boom, rod holders, and depth meter, along with explanations of blowback and warranty information.</p>
	<p>Cannon Pedestal Mounts Owner's Manual & Features</p> <p>Comprehensive guide to Cannon Pedestal Mounts, including fixed and swivel base models, features, installation instructions, compatibility, troubleshooting, and limited warranty information. Learn how to mount and use your Cannon downrigger pedestal.</p>
	<p>Cannon Rod Holder & Downrigger Trolling System Owner's Manual and Warranty</p> <p>This document provides an owner's manual for Cannon Rod Holder & Downrigger Trolling Systems, detailing various rod holder models, mounting accessories, compatibility, and replacement parts. It also includes the limited warranty information from Johnson Outdoors Inc.</p>