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› [SHIMANO](#) /

› [Shimano CURADO DC 151HG Low Profile Fishing Reel Instruction Manual](#)

## SHIMANO CUDC151HG

# Shimano CURADO DC 151HG Low Profile Fishing Reel

## INSTRUCTION MANUAL

### Introduction

This manual provides detailed instructions for the proper use, setup, operation, and maintenance of your Shimano CURADO DC 151HG Low Profile Fishing Reel. Designed for baitcasting, this reel incorporates advanced digital control technology to enhance your fishing experience. Please read this manual thoroughly before using your reel to ensure optimal performance and longevity.



Image: The Shimano CURADO DC 151HG Low Profile Fishing Reel, showcasing its compact design and handle.

## Key Features

The Shimano CURADO DC 151HG is engineered with several key features to provide superior performance:

- **HAGANE Body:** Provides high rigidity and impact resistance, virtually eliminating body flex and ensuring efficient power transfer.
- **Cl4+ (Side Plate):** A lightweight carbon-fiber reinforced material used in the side plate, contributing to the reel's overall reduced weight without compromising strength.
- **Super Free Spool:** Designed to eliminate friction on the spool shaft during a cast, allowing for longer, more effortless casts.
- **MicroModule Gear:** Features smaller gear teeth and more of them, resulting in a smoother and more efficient retrieve.
- **Cross Carbon Drag:** Provides a wide range of drag settings, offering smooth and consistent drag performance under various fishing conditions.



Image: A diagram detailing the internal components of the Curado DC, highlighting the microprocessor, coils, and magnet that comprise the digital control braking system.

The Digital Control (DC) braking system utilizes a microcomputer to monitor spool speed 1,000 times every second, applying the precise amount of brake to prevent backlashes and maximize casting distance. This system allows for trouble-free casting in various conditions, benefiting anglers of all skill levels.

## What's in the Box

Your Shimano CURADO DC 151HG Low Profile Fishing Reel package includes:

- Shimano CURADO DC 151HG Fishing Reel
- Instruction Guide

## Setup

Before your first use, ensure the reel is properly set up:

1. **Line Spooling:** Securely attach your fishing line to the spool. Ensure the line is spooled evenly and with appropriate tension to prevent tangles and optimize casting performance.
2. **Adjust Cast Control Knob:** The reel features a cast control knob. This knob adjusts the mechanical braking system. For initial setup, adjust it so that when you press the thumb bar and the lure drops, the spool stops spinning as soon as the lure hits the ground. Fine-tune this setting based on lure weight and casting conditions.
3. **Digital Control (DC) Braking System Adjustment:** The CURADO DC features an external dial for its digital braking system. This dial typically has multiple settings (e.g., 1-4 or specific line types like Fluorocarbon, Braid/General Purpose, Max Distance, Skipping/Max Control). Select the appropriate setting based on your line type, lure weight, and environmental conditions (e.g., wind). Refer to the included instruction guide for detailed explanations of each setting.
4. **Side Plate Removal:** To access the spool or for internal maintenance, the side plate can be removed. Locate the release mechanism, typically a small lever or button, and rotate the side plate to detach it. Reattach by

aligning and rotating until it clicks securely into place.



Image: A detailed view of the Shimano CURADO DC 151HG, highlighting the side plate and handle assembly, crucial for setup and maintenance.

## Operating Instructions

The CURADO DC 151HG is designed for smooth and efficient baitcasting:

1. **Casting:** Hold the rod and reel comfortably. Press the thumb bar to release the spool. Initiate your cast with a smooth motion. The digital control system will automatically manage spool speed to minimize backlashes and maximize casting distance.
2. **Retrieve:** Once the lure lands, engage the reel by turning the handle. The MicroModule Gear system ensures a smooth retrieve.
3. **Drag Adjustment:** The Cross Carbon Drag system allows for precise drag adjustments. Turn the star drag knob to increase or decrease drag tension as needed during a fight with a fish.
4. **Ergonomics:** The compact and ergonomic design of the reel allows for comfortable, one-handed casting and extended periods of use without fatigue.



Image: An angler demonstrating the use of a Shimano Curado DC reel during a fishing session, highlighting its practical application.

## Maintenance

Regular maintenance will prolong the life and performance of your reel:

- **Cleaning:** After each use, especially in saltwater environments, rinse the reel with fresh water to remove salt and debris. Wipe it dry with a soft cloth.
- **Lubrication:** Periodically apply a small amount of reel oil to moving parts such as the handle knobs, spool shaft, and line roller. Use reel grease on gears if performing a deeper cleaning.
- **Corrosion Prevention:** Pay special attention to areas prone to corrosion, such as between the pinion gear

and clutch base, particularly after saltwater exposure. Thorough rinsing is crucial.

- **Professional Servicing:** While some basic maintenance can be done by the user, complex internal components, especially the DC unit, are sealed. Incorrect disassembly or handling can damage the braking system. For deep cleaning or repairs, it is recommended to seek professional servicing.

## Troubleshooting

If you encounter issues with your reel, consider the following:

- **Frequent Backlashes:** Check your Digital Control (DC) braking system setting. Adjust to a higher number or a more controlled setting (e.g., 'Skipping/Max Control') for windy conditions or lighter lures. Ensure your spool tension knob is correctly set.
- **Stiff Operation/Grinding Noise:** This could indicate a need for cleaning and lubrication. If the issue persists after basic maintenance, professional servicing may be required.
- **Drag Slipping:** Ensure the star drag knob is tightened appropriately. If the drag continues to slip under normal tension, the drag washers may need inspection or replacement by a professional.

## Specifications

| Feature                    | Detail                                 |
|----------------------------|--|
| Brand                      | SHIMANO                                |
| Model Name                 | Curado DC Casting Reel                 |
| Model Number               | CUDC151HG                              |
| Hand Orientation           | Left Hand                              |
| Color                      | Multi                                  |
| Material                   | Metal (HAGANE Body), C14+ (Side Plate) |
| Fishing Technique          | Baitcasting                            |
| Item Weight                | 220 Grams (7.8 ounces)                 |
| Gearbox Ratio              | 7.4:1                                  |
| Handle Material            | Aluminum                               |
| Bearing Material           | Stainless Steel                        |
| Fishing Reel Line Retrieve | 7.4 Inches per turn                    |
| Product Dimensions         | 5"L x 4"W x 4"H                        |
| Fishing Reel Maximum Drag  | 11 Pounds                              |
| Line Capacity (lb-yds)     | 10-120, 12-110, 14-90 (Nylon Mono)     |
| UPC                        | 022255218887                           |

## Warranty and Support

The Shimano CURADO DC 151HG Low Profile Fishing Reel comes with a **1-year limited manufacturer warranty**. For warranty claims, technical support, or service inquiries, please contact Shimano customer service directly. Keep your proof of purchase for warranty validation.

For additional support and resources, visit the official SHIMANO website or consult your local authorized dealer.