Abu Garcia MAX-LP-DLC-50

Abu Garcia Max Digital Line Counter Low Profile Baitcast Reel 50LP User Manual

Model: MAX-LP-DLC-50

Introduction

The Abu Garcia Max Digital Line Counter Low Profile Baitcast Reel 50LP is engineered for precision and performance. Featuring a durable construction, an illuminated digital line counter, and a multi-disc drag system, this reel provides anglers with the tools needed for accurate line management and effective fish handling. This manual will guide you through the setup, operation, and maintenance of your new fishing reel to ensure optimal performance and longevity.



Figure 1: Abu Garcia Max Digital Line Counter Low Profile Baitcast Reel 50LP. This image displays the reel's overall design, highlighting its low-profile form factor, the ergonomic bent handle, and the digital line counter display.

Key Features

- **Lightweight Construction:** The spool is crafted from machined aluminum, offering strength without adding excessive weight. The reel weighs approximately 374g, ensuring durability and ease of use.
- **Efficient Retrieve Rate:** Retrieves 26 inches (66 cm) of line per crank with a gear ratio of 5.3:1. Equipped with Dura-brass gears for extended lifespan and an Everlast engagement system for enhanced durability during casting.
- **Advanced Drag System:** Features a carbon fiber star drag with a maximum drag of 9 kg (9.0 kg). The Multi Disc Drag system allows for precise and easy adjustment during a fight. Line capacities include Mono: 240yd/12lb, 210yd/14lb, 170yd/17lb; Braid: 290yd/20lb, 225yd/30lb, 165yd/50lb.
- **Ergonomic Design:** Designed for right-hand retrieve, featuring a compact bent handle and star drag for all-day comfort.
- **Illuminated Digital Line Counter:** Provides precise line measurement for accurate trolling and downrigging, enhancing

fishing precision.

- **Smooth Bearing System:** Incorporates 5 total bearings, including 4 stainless steel ball bearings and 1 instant anti-reverse bearing, ensuring smooth operation.

Setup

1. Attaching the Reel to a Rod

1. Align the reel foot with the reel seat on your fishing rod.
2. Tighten the reel seat nut securely until the reel is firmly attached and does not wobble. Do not overtighten.

2. Spooling Fishing Line

1. Select the appropriate fishing line (mono or braid) based on your fishing needs and the reel's capacity (refer to specifications).
2. Thread the line through the line guide on the reel.
3. Tie the line to the spool using an arbor knot or a similar secure knot.
4. Begin winding the line onto the spool, ensuring even tension. Fill the spool to approximately 1/8 inch (3 mm) from the rim to prevent tangles and optimize casting distance.

3. Initial Digital Line Counter Setup

The digital line counter is pre-calibrated for standard use. For specific calibration or unit changes (e.g., feet to meters), refer to the detailed instructions provided in the full product manual or the manufacturer's website. Typically, a short press of a button (often labeled "SET" or "MODE") will reset the counter to zero. A long press might enter calibration mode.

Operating Instructions

1. Casting

1. Press the thumb bar or engage the clutch lever to disengage the spool.
2. Hold the rod and reel in a comfortable casting position.
3. Make a smooth casting motion. As the lure flies, use your thumb to lightly feather the spool to prevent backlashes.
4. Once the lure hits the water, engage the reel by turning the handle or pressing the thumb bar back into position.

2. Using the Digital Line Counter

- The illuminated digital display shows the amount of line deployed.
- To reset the counter: Locate the reset button (usually a small button near the display) and press it briefly. The display should return to zero.
- The counter automatically tracks line out when casting or dropping bait, and line in when retrieving.
- Use the counter for precise depth control when trolling or fishing vertically.

3. Adjusting the Drag

- The star drag is located next to the handle.
- Turn the star drag clockwise to increase drag tension, making it harder for line to be pulled from the spool.
- Turn the star drag counter-clockwise to decrease drag tension, allowing line to be pulled more easily.
- Set the drag before fishing to approximately 25-30% of your line's breaking strength. Adjust as needed during a fight.

4. Adjusting the Spool Tension (Cast Control)

- The spool tension knob (often on the side opposite the handle) controls the speed at which the spool rotates during a cast.
- To set: With the lure tied on, tighten the spool tension knob until the lure slowly drops when the thumb bar is pressed. Then, loosen it slightly until the lure drops freely but the spool does not overrun excessively when it hits the ground.
- Proper spool tension helps prevent backlashes.

Maintenance

1. After Each Use

- Rinse the reel with fresh water to remove salt, dirt, and debris. Do not submerge the reel.
- Wipe the reel dry with a soft cloth.
- Loosen the drag completely to prevent compression of the drag washers during storage.

2. Periodic Lubrication

- Apply a small amount of reel oil to the bearings and moving parts (e.g., handle knobs, worm gear for line guide).
- Apply reel grease to the main gears.
- Refer to the manufacturer's guidelines for specific lubrication points and frequency.

3. Storage

- Store the reel in a dry, cool place away from direct sunlight.
- Consider using a reel cover or case to protect it from dust and physical damage.

Troubleshooting

Problem	Possible Cause	Solution
Backlashes / Bird's Nest	Spool tension too loose, improper casting technique, worn line.	Adjust spool tension (cast control) knob. Improve casting technique. Replace old or damaged line.
Stiff Handle / Grinding Noise	Lack of lubrication, dirt/debris in gears, damaged bearings.	Clean and lubricate gears and bearings. If problem persists, professional service may be required.
Drag Slipping / Inconsistent	Drag washers are dry, dirty, or worn.	Clean and re-grease drag washers. Replace worn drag washers if necessary.
Digital Line Counter Malfunction	Low battery, sensor obstruction, electronic fault.	Check/replace battery. Ensure sensor is clean and unobstructed. If problem persists, contact customer support.

Specifications

Brand	Abu Garcia
Model Name	Max-LP-DLC-50
Hand Orientation	Right Hand

Color	Black
Material	Aluminum (Spool), Stainless Steel (Handle, Bearings)
Bearings	5 Total (4 Stainless Steel Ball Bearings + 1 Instant Anti-Reverse Bearing)
Gear Ratio	5.3:1
Retrieve Rate	26 inches | 66 cm per crank
Max Drag	9 kg | 9.0 kg (Carbon Fiber Star Drag)
Mono Line Capacity (yd/lb)	240/12, 210/14, 170/17
Braid Line Capacity (yd/lb)	290/20, 225/30, 165/50
Weight	374g (approx.)
UPC	036282967731
ASIN	B08DDDN222

Warranty and Support

Abu Garcia products are manufactured to high standards and undergo rigorous quality control. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Abu Garcia website. For technical support, spare parts, or service inquiries, please contact Abu Garcia customer service through their official channels.

Official Website: www.abugarcia.com

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