Abu Garcia C4-5600

Abu Garcia Ambassadeur C4 Baitcast Round Fishing Reel C4-5600 Reel User Manual

Brand: Abu Garcia | Model: C4-5600

1. Introduction and Overview

This manual provides essential information for the proper setup, operation, and maintenance of your Abu Garcia Ambassadeur C4 Baitcast Round Fishing Reel. Designed for precision and power, this reel features a Carbon Matrix drag system for smooth and consistent drag performance, and a Duragear 2 system for enhanced gear strength and durability. Understanding these instructions will ensure optimal performance and longevity of your fishing reel.



Figure 1: Front view of the Abu Garcia Ambassadeur C4 Baitcast Round Fishing Reel. This image highlights the reel's compact design and the main body housing the internal mechanisms.

2. Key Features

- **Lightweight Construction:** The spool is made from machined aluminum, providing strength without excess weight. The reel weighs 10 oz.
- **Recovery Rate:** Recovers 30 inches (76 cm) of line per crank turn, with a gear ratio of 6.3:1.
- **Duragear 2 System:** Engineered for increased gear strength and durability.
- **Synchronized Level Wind System:** Ensures even line lay and a smooth retrieve.
- **Bearing System:** Features 4 stainless steel ball bearings plus 1 instant anti-reverse bearing for smooth operation.
- **Drag System:** Carbon Fiber Star Drag with a maximum of 15lb (6.8kg), providing smooth and consistent drag pressure.
- **Line Capacity:** Mono Capacity yd/lb: 240/12. Braid Capacity: 235/30.
- **Right Handle Position:** Ergonomically designed compact bent handle and star for comfortable, all-day use.
- **Pin Centrifugal Brake:** Delivers consistent brake pressure throughout your cast.

3. Setup

3.1 Unboxing and Inspection

Carefully remove the reel from its packaging. Inspect the reel for any visible damage or missing components. Ensure all parts are present as listed in the product packaging. Keep the original packaging for potential future transport or storage.



Figure 2: The Abu Garcia Ambassadeur C4 reel shown alongside its retail packaging. This illustrates how the product is presented upon purchase.

3.2 Mounting the Reel to a Fishing Rod

1. Align the reel foot with the reel seat on your fishing rod.
2. Slide the reel foot into the fixed hood of the reel seat.
3. Tighten the screw-down hood securely until the reel is firmly seated and does not wobble. Do not overtighten.

3.3 Spooling Fishing Line

Proper line spooling is crucial for optimal casting performance and to prevent issues like "ghost drag" (line slipping on the spool). Ensure the line is securely tied to the spool before winding.

1. Pass the fishing line through the line guide on the reel.
2. Tie the line securely to the spool using an arbor knot or a similar non-slip knot. Ensure the knot is tight and does not slip.
3. Close the bail (if applicable) or engage the reel.
4. Maintain light tension on the line as you wind it onto the spool. The line should lay evenly across the spool.
5. Fill the spool to approximately 1/8 inch (3 mm) from the rim. Overfilling can lead to tangles and backlash.



Figure 3: Side profile of the Abu Garcia Ambassadeur C4-5600 reel, clearly displaying the model designation. This view is useful for identifying the specific reel model.

4. Operating Instructions

4.1 Adjusting the Drag System

The Carbon Matrix drag system provides smooth and consistent drag. Adjust the star drag knob (located next to the handle) to set the desired drag tension. A good starting point is to set the drag to about one-third of your line's breaking strength. Test the drag by pulling line directly from the spool.

4.2 Casting

To cast, press the thumb bar to disengage the spool. Use your thumb to control the spool's rotation during the cast to prevent backlash. Release your thumb as the lure reaches its target. The Pin Centrifugal Brake assists in consistent brake pressure during the cast.

4.3 Retrieving

Turn the handle to engage the reel and retrieve the line. The synchronized level wind system will ensure the line is laid evenly back onto the spool. Maintain a steady retrieve speed appropriate for your lure and fishing technique.



Figure 4: A close-up of the reel being held, demonstrating the proper grip for operation. This image emphasizes the ergonomic design of the handle and star drag.



Figure 5: A fisherman actively casting from a boat, illustrating the reel in use during a typical fishing scenario. This shows the reel's application in a real-world environment.

4.4 Official Product Video: Fishing with Abu Garcia

Your browser does not support the video tag.

Video 1: This video features professional angler Justin Lucas demonstrating fishing techniques and discussing the importance of reliable gear, including Abu Garcia reels. It provides visual examples of casting, retrieving, and handling fish, offering practical insights into the reel's performance in various fishing situations.

5. Maintenance

5.1 Cleaning

After each use, especially in saltwater environments, rinse the reel with fresh water to remove salt, dirt, and debris. Do not submerge the reel. Wipe it dry with a soft cloth. Periodically, use a mild soap solution and a soft brush to clean the exterior.

5.2 Lubrication

Apply a small amount of high-quality reel oil to moving parts such as the handle knobs, worm gear (level wind), and spool shaft. Use reel grease on gears and drag washers as recommended by Abu Garcia. Refer to the reel's schematic for specific lubrication points. Over-lubrication can attract dirt and hinder performance.

5.3 Storage

Store your reel in a dry, cool place away from direct sunlight and extreme temperatures. Loosen the drag completely

before storing to prevent compression of the drag washers, which can reduce their effectiveness over time.

6. Troubleshooting

Problem	Possible Cause	Solution
Line slipping on spool (Ghost Drag)	Line not securely tied to spool, or backing not used with braid.	Ensure the line is tied with a non-slip knot (e.g., arbor knot) directly to the spool. For braided line, use a mono backing or tape to prevent slippage.
Backlash during casting	Spool tension too loose, centrifugal brakes not properly set, or improper thumb control.	Adjust spool tension knob so the lure falls slowly. Check and adjust the centrifugal brake pins. Practice thumb control to feather the spool during the cast.
Stiff or grinding retrieve	Lack of lubrication, dirt/debris in gears, or damaged components.	Clean and lubricate the reel. If the problem persists, professional service may be required.
Drag not smooth or inconsistent	Drag washers dry, dirty, or worn.	Clean and re-grease drag washers with appropriate drag grease. Replace worn drag washers if necessary.

7. Specifications

Feature	Detail
Brand	Abu Garcia
Model Name	C4-5600
Hand Orientation	Right Hand
Material	Aluminum (Spool), Stainless Steel (Handle, Bearings)
Item Weight	0.18 Kilograms (approx. 6.35 oz)
Gear Ratio	6.3:1
Fishing Reel Line Retrieve	30 Inches per turn
Fishing Reel Maximum Drag	15 Pounds (6.8 kg)
Line Capacity (Mono)	12 lb / 240 yd
Line Capacity (Braid)	30 lb / 235 yd
Country of Origin	Sweden



Figure 6: The reel positioned next to a ruler, providing a visual reference for its dimensions. This helps users understand the physical size of the reel.

8. Warranty and Support

8.1 Manufacturer Warranty

The Abu Garcia Ambassadeur C4-5600 Reel comes with a manufacturer's warranty. For specific details regarding coverage, duration, and claims procedures, please refer to the warranty information provided with your product packaging or visit the official Abu Garcia website.

8.2 Additional Protection Plans

Additional protection plans may be available for purchase separately to extend coverage beyond the standard manufacturer's warranty. These plans typically offer extended repair or replacement services for a specified period.

- **2-Year Protection Plan:** Offers extended coverage for 24 months.
- **Complete Protect:** A monthly plan covering all eligible past and future purchases.

For details on these plans, including terms, conditions, and pricing, please consult the retailer or the protection plan provider.

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