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› Piscifun Alloy M Baitcasting Fishing Reel User Manual

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Model: Alloy M

INTRODUCTION

Thank you for choosing the Piscifun Alloy M Baitcasting Fishing Reel. This manual provides essential information for the proper setup, operation, and maintenance of your new fishing reel. Designed for both freshwater and saltwater environments, the Alloy M reel features an aluminum frame, a precise magnetic braking system, and a powerful drag to enhance your fishing experience.



The Piscifun Alloy M Baitcasting Fishing Reel, a durable and high-performance reel suitable for various fishing conditions.

PRODUCT FEATURES

- **Excellent Durability:** Constructed with an ADC12 grade aluminum frame, offering exceptional durability, corrosion resistance, and impact resistance. Weighing only 7.4 oz, it is suitable for both fresh and saltwater fishing.



Detailed view of the robust aluminum frame, highlighting its strength and lightweight design.

- **Precise Magnetic Braking:** Features a finely tuned magnetic braking system with 12 magnets for quick, on-the-fly adjustments, minimizing backlashes and improving casting efficiency.



Illustration of the magnetic braking system, designed to prevent line overruns and backlashes.

- **Powerful Drag System:** Equipped with four 10% larger carbon drag washers and an oversized Hamai CNC brass gear, providing a powerful 22lbs of maximum drag. This system ensures smooth performance and the ability to handle large fish.



Components of the powerful drag system, featuring larger carbon washers and a durable brass drive gear.

- **Ultra Smooth Performance:** Incorporates 8 double-shielded high-quality ball bearings and 1 roller bearing for an exceptionally smooth retrieve, even under heavy loads. High-speed NMB bearings contribute to maximum casting distance.



Visual representation of the high-speed NMB bearings, crucial for smooth casting and retrieval.

- **Versatile Gear Ratios:** Available in 7.5:1 and 8.4:1 gear ratio options, allowing adaptability to various fishing techniques and styles.
- **Ergonomic Design:** Features an extended carbon handle for improved leverage and high-density EVA knobs with the Piscifun logo for comfort and resilience during prolonged use.

SETUP

1. Attaching the Reel to Your Rod

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

2. Spooling Fishing Line

The Piscifun Alloy M reel is compatible with various line types, including braided line. Proper spooling is crucial to prevent tangles and ensure optimal casting performance.

1. Pass the line through the rod guides, starting from the tip down to the reel.
2. Tie the line to the reel spool using an arbor knot or a similar secure knot.
3. Begin winding the line onto the spool, maintaining consistent tension. Ensure the line lays evenly across the spool. Do not overfill the spool; leave a small gap from the edge to prevent line overrun.

3. Adjusting the Magnetic Braking System

The magnetic braking system controls the spool's rotation during casting to prevent backlashes. The Alloy M features a 12-magnet system for fine-tuning.

1. Locate the magnetic brake adjustment dial on the side of the reel.
2. For initial setup, set the dial to a higher number (more braking force) to minimize backlashes, especially for beginners or when using lighter lures.
3. As you gain experience, you can reduce the braking force for longer casts. Adjust incrementally based on lure weight and wind conditions.

4. Adjusting the Spool Tension Knob

The spool tension knob works in conjunction with the magnetic brake to control the spool's free spin.

1. Attach your lure to the line.
2. Tighten the spool tension knob until the lure falls slowly when the thumb bar is pressed.

3. Adjust until the lure falls smoothly to the ground with minimal overrun after it hits. This setting helps prevent backlashes when the lure hits the water.

5. Adjusting the Star Drag

The star drag system controls the amount of resistance the reel applies when a fish pulls line. The Alloy M offers up to 22lbs of max drag.

1. Turn the star-shaped knob clockwise to increase drag tension and counter-clockwise to decrease it.
2. Set the drag to approximately 25-30% of your line's breaking strength. This allows the line to pay out before breaking under pressure from a fish.
3. Always test your drag before fishing to ensure it is set correctly.

OPERATING INSTRUCTIONS

1. Casting

1. Hold the rod with the reel facing upwards.
2. Press the thumb bar to disengage the spool. Keep your thumb firmly on the spool to prevent line from coming off prematurely.
3. Make a smooth casting motion. As the rod moves forward, lift your thumb off the spool to release the line.
4. Just before the lure hits the water, gently feather the spool with your thumb to slow it down and prevent backlashes.

2. Retrieving

1. Once the lure is in the water, turn the handle to engage the reel.
2. Retrieve the line at the desired speed, utilizing the 7.5:1 or 8.4:1 gear ratio for appropriate lure presentation.

3. Setting the Hook and Fighting Fish

1. When a fish strikes, quickly and firmly lift the rod tip to set the hook.
2. Maintain tension on the line and use the rod to guide the fish. Allow the drag to work by letting the fish pull line when it runs, preventing line breakage.
3. Pump the rod and reel in the slack line to bring the fish closer.

Your browser does not support the video tag.

Official video demonstrating the features and use of the Piscifun Alloy M Baitcasting Reel. This video provides a visual guide to the reel's design and functionality.

MAINTENANCE

Regular maintenance will extend the life and performance of your Piscifun Alloy M reel.

• After Each Use:

- Wipe down the reel with a clean, damp cloth to remove dirt, salt, and debris.
- For saltwater use, lightly rinse the reel with fresh water (do not submerge) and dry thoroughly.
- Loosen the drag completely to prevent compression of the drag washers during storage.

• Periodic Lubrication:

- Apply a small amount of high-quality reel oil to the bearings and moving parts as recommended by fishing reel maintenance guides.

- Apply a thin layer of reel grease to the main gears.
- Avoid over-lubrication, as this can attract dirt and hinder performance.
- **Storage:**
 - Store the reel in a dry, cool place away from direct sunlight and extreme temperatures.
 - Consider using a reel cover or case to protect it from dust and physical damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Frequent Backlashes	Brake system or spool tension set too low; improper casting technique; wind.	Increase magnetic brake setting. Tighten spool tension knob. Practice casting technique. Cast with the wind when possible.
Stiff or Grinding Retrieve	Lack of lubrication; dirt/debris in gears or bearings; damaged components.	Clean and lubricate the reel. Inspect for visible debris and remove. If problem persists, professional service may be required.
Drag Slipping or Inconsistent	Drag washers are dry, dirty, or worn; drag set too loose.	Clean and lightly grease drag washers. Ensure drag is tightened appropriately for your line strength. Replace worn drag washers if necessary.
Line Not Laying Evenly	Improper spooling; line guide issues.	Respool the line carefully, ensuring even tension. Check the line guide for obstructions or damage.

SPECIFICATIONS

Feature	Detail
Brand	Piscifun
Model Name	Alloy M
Model Number	Piscifun-BRL001-L-8.4PN
Hand Orientation	Left Hand (other options may be available)
Color	Gunmetal
Frame Material	ADC12 Grade Aluminum
Item Weight	7.4 ounces
Gear Ratios Available	7.5:1, 8.4:1
Maximum Drag	22 pounds
Bearings	8 Double Shielded Ball Bearings + 1 Roller Bearing (NMB bearings)
Line Retrieve	25 inches per turn (for 8.4:1 ratio)

Feature	Detail
Recommended Line Type	Braided (also compatible with other line types)
Special Features	Lightweight, Precise Magnetic Braking System (12 magnets), Oversize Hamai CNC Brass Gear, Extended Carbon Handle, High-Density EVA Knobs

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Piscifun Alloy M Baitcasting Fishing Reel, please contact Piscifun customer service directly. Refer to the official Piscifun website or your purchase documentation for contact details.

You can visit the official Piscifun store for more information:[Piscifun Store](#)

