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KastKing KK-SDE-SP-1

KastKing Speed Demon Elite Spinning Reel User Manual

Model: KK-SDE-SP-1

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your KastKing Speed Demon Elite Spinning Reel. Designed for both freshwater and saltwater fishing, this reel offers exceptional speed and durability. Please read this manual thoroughly before using your reel to ensure optimal performance and longevity.

The KastKing Speed Demon Elite spinning reel is engineered for high-speed performance with a 7.4:1 gear ratio, providing fast retrieve rates. It features a high-strength CNC machined aluminum alloy body, a carbon fiber rotor, and a CNC aluminum handle, contributing to its lightweight yet robust construction. With 10+1 double shielded stainless steel ball bearings and 17.6 lbs of carbon fiber drag, it is built to handle various fishing conditions and larger fish.

2. Key Features

- **Extreme High Speed Design:** 7.4:1 gear ratio for rapid line retrieval (38.6 IPT for 2000 size, 42.1 IPT for 3000 size).
- **Spectacular Toughness & Light Weight:** High-strength CNC machined aluminum alloy body, carbon fiber rotor, and 7075 aluminum main gear. Weighs 8.7 oz (2000 size) and 8.9 oz (3000 size).
- **Pro Level Endurance:** Stainless steel main shaft, hardened main gear, brass pinion gear, and 17.6 lbs of smooth carbon fiber drag.
- **Reliable Components:** 10 + 1 double shielded stainless steel ball bearings and corrosion-resistant components suitable for saltwater use.
- **Striking Design:** Matte black body with red accents, anodized aluminum spool.

3. Product Components and Diagram

Familiarize yourself with the main components of your Speed Demon Elite Spinning Reel.



Figure 3.1: Overview of the KastKing Speed Demon Elite Spinning Reel, showcasing its sleek black and red design.



Figure 3.2: Illustration emphasizing the reel's blazing fast 7.4:1 gear ratio, indicating its high-speed retrieve capability.



Figure 3.3: Internal view highlighting the Manganese Brass Pinion Gear and High Strength CNC Aluminum Alloy Main Gear, crucial for the reel's smooth operation and durability.



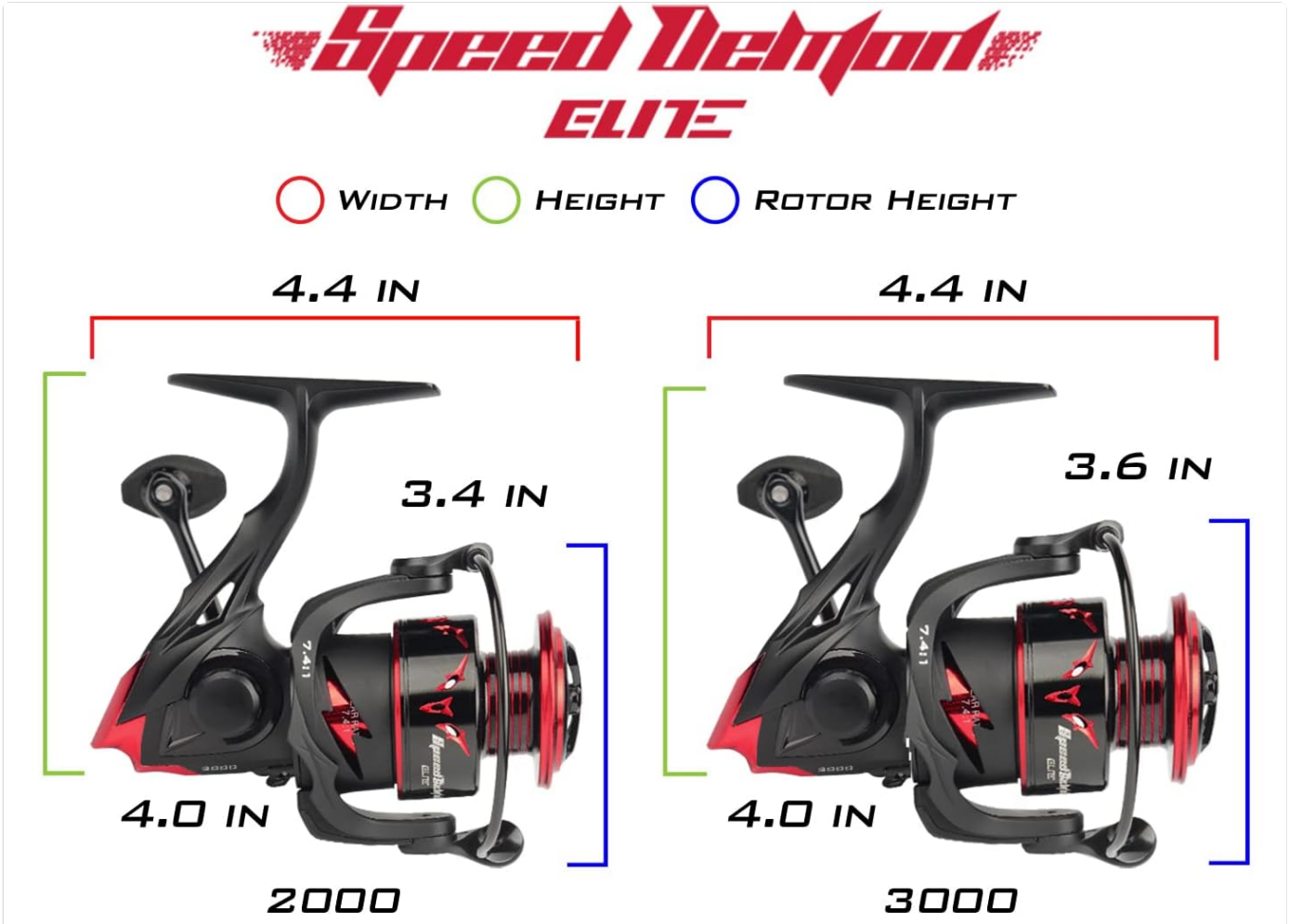
Figure 3.4: Exploded view of the carbon fiber drag system, illustrating the components that provide up to 17.6 lbs of ultra-smooth drag power.



Figure 3.5: Diagram showing the placement of the 10+1 shielded stainless steel ball bearings, contributing to the reel's smooth performance.



Figure 3.6: Illustration of the carbon fiber rotor, emphasizing its role in making the reel extraordinarily durable and lightweight.



Size	Gear Ratio	Frame	BB	Max Drag (lb)	Mono Line Capacity (lb/yds)	Braid Line Capacity (lb/yds)	Weight (oz)	IPT
2000	7.4:1	Aluminum Alloy	10+1	17.6	8/190 10/125	20/190 30/125	8.7	38.6
3000	7.4:1	Aluminum Alloy	10+1	17.6	8/280 10/190	20/280 30/190	8.9	42.1

Figure 3.7: Detailed size comparison and specifications table for the 2000 and 3000 models, including dimensions, gear ratio, drag, line capacity, and weight.

4. Setup

4.1 Attaching the Reel to a Fishing Rod

1. Align the reel foot with the reel seat on your fishing rod.
2. Tighten the reel seat's locking nut until the reel is securely fastened and does not wobble.

4.2 Spooling Fishing Line

1. Open the bail arm of the reel.
2. Tie the end of your fishing line to the reel spool using an arbor knot or a similar secure knot.
3. Close the bail arm.
4. Hold the line firmly with one hand, applying slight tension, and begin to reel the line onto the spool with the other hand.

5. Ensure the line is spooled evenly and tightly, filling the spool to about 1/8 inch from the rim to prevent tangles.

5. Operating Instructions

5.1 Casting

1. Hold the rod and reel comfortably.
2. Open the bail arm.
3. Grip the fishing line against the rod with your index finger.
4. Swing the rod forward, releasing your index finger as the lure reaches the desired trajectory.
5. As the lure hits the water, close the bail arm manually or by turning the handle.

5.2 Retrieving

Turn the reel handle to retrieve the line. The high gear ratio of the Speed Demon Elite allows for very fast retrieval, ideal for covering water quickly or working fast-moving lures.

5.3 Drag Adjustment

The drag knob is located on the top of the spool. Turn it clockwise to increase drag tension and counter-clockwise to decrease it. Adjust the drag to match the breaking strength of your line and the size of the fish you are targeting. A good starting point is to set the drag to about 25-30% of your line's breaking strength.



Figure 5.1: Close-up of the CNC aluminum handle with EVA handle knob, designed for comfortable and efficient retrieval.

6. Maintenance

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

6.1 Cleaning After Use

- After each use, especially in saltwater, rinse the reel thoroughly with fresh water. Do not submerge the reel.
- Wipe down the exterior with a soft, clean cloth.
- Loosen the drag completely before storage to prevent compression of the drag washers.

6.2 Lubrication

- Periodically apply a small amount of reel oil to moving parts such as the handle knob, bail arm pivot points, and line roller.
- Apply a thin layer of reel grease to the main gear and pinion gear if disassembling for deeper cleaning (recommended annually or by a professional).

6.3 Storage

Store your reel in a dry, cool place away from direct sunlight and extreme temperatures. Use a reel cover or bag to protect it from dust and scratches.

7. Troubleshooting

Problem	Possible Cause	Solution
Stiff or Grinding Retrieve	Lack of lubrication, dirt/debris inside, worn gears.	Clean and lubricate the reel. If problem persists, professional service may be required.
Line Twists/Tangles	Improper spooling, overfilling spool, worn line roller.	Respool line correctly, do not overfill. Check and clean line roller.
Drag Slips or Sticks	Dirty/worn drag washers, improper drag setting.	Clean or replace drag washers. Adjust drag correctly.
Bail Arm Not Closing Properly	Debris in bail mechanism, bent bail wire.	Clean the bail mechanism. If bent, professional repair may be needed.

8. Specifications

Feature	Specification
Brand	KastKing
Model Name	KastKing Speed Demon Elite
Model Number	KK-SDE-SP-1
Hand Orientation	Ambidextrous
Color	Black
Material	Aluminum, Carbon, Graphite, Stainless Steel

Feature	Specification
Fishing Technique	Spinning
Item Weight (Size 2000)	8.7 Ounces
Item Weight (Size 3000)	8.9 Ounces
Gear Ratio	7.4:1
Bearings	10 + 1 Double Shielded Stainless Steel Ball Bearings
Max Drag	17.6 Pounds
Line Retrieve (Size 2000)	38.6 Inches Per Turn (IPT)
Line Retrieve (Size 3000)	42.1 Inches Per Turn (IPT)
Mono Line Capacity (Size 2000)	8LB/190Yds, 10LB/125Yds
Mono Line Capacity (Size 3000)	8LB/280Yds, 10LB/190Yds
Braid Line Capacity (Size 2000)	20LB/190Yds, 30LB/125Yds
Braid Line Capacity (Size 3000)	20LB/280Yds, 30LB/190Yds

9. Official Product Videos

Watch these official videos for additional guidance and product insights.

No official product videos from the seller were found that meet the embedding criteria. Please refer to the manufacturer's website for any available video resources.

10. Warranty and Support

KastKing products are designed for durability and performance. For detailed warranty information, product registration, or to contact customer support, please visit the official KastKing website or refer to the warranty card included with your purchase.

Online Support: www.kastking.com/support

Customer Service: Refer to the contact information provided on the KastKing website for phone or email support.

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