DINOKA SDU04 Medium

DINOKA Heavy Duty Bike U Lock Instruction Manual

Model: SDU04 Medium

1. Product Overview

The DINOKA Heavy Duty Bike U Lock is designed to provide robust security for your bicycle, motorcycle, electric bike, or scooter. It features a double-opening head for enhanced security, requiring two points of attack to open. The lock cylinder is crafted from C-grade pure copper blades with a precise structure to resist various technical opening methods. The lock is made of hardened high-performance alloy steel, coated with a friendly silicone sleeve to protect your bike's finish.



Image 1.1: DINOKA Bike U Lock with accompanying cable and mounting bracket.

Key features include:

- **Double-opening Head:** Requires simultaneous breaking on both sides for increased security.
- **Sturdy and Durable Construction:** 16mm (0.63 inch) hardened high-performance alloy steel with a 0.1-inch silicone sleeve.
- **Convenient 4ft Flex Cable:** PVC-coated steel cable for versatile locking options.
- **Portable Size:** U-lock dimensions of 7.9 in * 5.1 in, comparable to a 9.7-inch tablet.
- **Mounting Bracket:** Suitable for tripods with a diameter of up to 1.18 inches (30mm) for easy transport.
- **Rust-proof Copper Keys:** Two keys with complex snake-shaped slots for added security.

2. Package Contents

Upon opening your DINOKA Bike U Lock package, you should find the following items:

- 1 x Bike U Lock
- 1 x 4ft Flex Cable
- 1 x Mounting Bracket
- 2 x Keys



Image 2.1: All components included in the DINOKA Bike U Lock package.

3. Setup and Installation

3.1 Attaching the Mounting Bracket

The included mounting bracket allows for convenient transport of your U-lock on your bike frame. It is designed to fit round tripods with a diameter of up to 1.18 inches (30mm).

1. Identify a suitable location on your bike frame (e.g., seat post, crossbar) where the bracket can be securely attached without obstructing your ride.
2. Use a screwdriver to loosen the screws on the mounting bracket.
3. Position the bracket around the bike frame and tighten the screws until it is firmly secured. Ensure it does not rotate or slide.
4. Once the bracket is installed, the U-lock can be inserted into the holder for transport.



Image 3.1: The U-lock and its mounting bracket, ready for installation on a bike frame.

3.2 Understanding the U-Lock Components

The U-lock consists of two main parts: the U-shaped shackle and the crossbar locking mechanism. The shackle is made of 16mm hardened alloy steel, providing strong resistance against cutting and prying. The crossbar contains the double-opening head and the key cylinder.



Image 3.2: Detailed view of the U-lock's crossbar and key cylinder, highlighting the robust construction.



Image 3.3: The 0.63-inch (16mm) thickness of the hardened alloy steel shackle, including the protective silicone cover.



Image 3.4: The compact size of the U-lock (7.9 x 5.1 inches), shown next to a 9.7-inch tablet for scale.

4. Operating Instructions

4.1 Locking Your Bike with the U-Lock

1. Insert the key into the lock cylinder on the crossbar.
2. Turn the key 90 degrees to release the shackle from the crossbar.
3. Position the U-lock around your bike frame and a fixed object (e.g., bike rack, pole). Ensure both the frame and the object are within the U-lock's span.
4. Re-insert the shackle ends into the crossbar.
5. Push the shackle firmly into the crossbar until you hear a click, indicating it is locked.
6. Turn the key back and remove it. Your bike is now secured.



Image 4.1: The U-lock securing a bicycle wheel and frame, demonstrating effective placement.

4.2 Using the 4ft Flex Cable for Added Security

The 4ft flex cable provides additional versatility for securing multiple components or larger objects.

1. Loop the flex cable through your bike's wheels, helmet, or other accessories you wish to secure.
2. Pass one end of the cable through the loop on the other end.
3. Secure the remaining loop of the cable with your U-lock, either by passing the U-lock through it or by incorporating it into the main U-lock setup around your bike frame and a fixed object.



Image 4.2: The 4-foot (120cm) length and 0.48-inch diameter of the PVC-coated steel flex cable.

5. Maintenance

To ensure the longevity and smooth operation of your DINOKA Bike U Lock, follow these simple maintenance tips:

- **Keep Clean:** Regularly wipe down the U-lock and cable with a damp cloth to remove dirt and grime. Avoid harsh chemicals that may damage the silicone coating.
- **Lubricate the Lock Cylinder:** Periodically apply a small amount of graphite lubricant or a specialized lock lubricant into the keyhole. Insert and turn the key several times to distribute the lubricant. This helps prevent sticking and corrosion.
- **Inspect for Wear:** Periodically check the silicone sleeve for any tears or significant wear that could expose the metal to elements or scratch your bike. Inspect the cable for fraying or damage.
- **Store Properly:** When not in use, store the lock in a dry environment to prevent rust and corrosion.

6. Troubleshooting

If you encounter any issues with your DINOKA Bike U Lock, consider the following common solutions:

- **Key is Stiff or Difficult to Turn:**
  - Apply a small amount of graphite lubricant or a specialized lock lubricant into the keyhole.
  - Gently insert and remove the key several times, wiggling it slightly to help the lubricant penetrate.
  - Ensure the key is fully inserted before attempting to turn.
- **Shackle is Difficult to Insert/Remove:**
  - Check for any debris or obstruction in the shackle holes on the crossbar.
  - Ensure the shackle is aligned correctly with the holes. Sometimes a slight twist or pressure can help.
  - Lubricate the shackle ends and the inside of the crossbar holes with a silicone-based spray.
- **Lock Appears Damaged:**
  - If the lock shows signs of significant damage from attempted theft or impact, its security may be compromised. Consider replacing the lock.

If problems persist after attempting these steps, please contact customer support for further assistance.

7. Specifications

Feature	Detail
Brand	DINOKA
Model Name	bike lock (SDU04 Medium)
Lock Type	U-Lock with Key
Shackle Material	Hardened Alloy Steel with Silicone Sleeve
Shackle Thickness	16mm (0.63 inches including silicone)
Flex Cable Length	4 feet (48 inches / 120cm)
Flex Cable Diameter	0.48 inches
U-Lock Dimensions (L x W)	7.9 inches x 5.1 inches
Item Weight	2.6 Pounds
Keys Included	2 Rust-proof Copper Keys
Mounting Bracket Compatibility	Round tripods with diameter ≤ 1.18 inches (30mm)
Color	White (Note: Product images show black, but specifications list white.)
UPC	723990220042

8. Warranty and Support

DINOKA is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, if you have any questions, concerns, or require assistance with your DINOKA Heavy Duty Bike U

Lock, please do not hesitate to contact our customer support team. We aim to respond to all inquiries within 24 hours. For support, please refer to the contact information provided on the product packaging or the official DINOKA website.

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