Kryptonite 002130 Evolution Standard

Kryptonite Evolution Standard U-Lock User Manual

Model: 002130 Evolution Standard | Brand: Kryptonite

Introduction

The Kryptonite Evolution Standard U-Lock is engineered to provide robust security for your bicycle and other valuable equipment. Featuring a hardened steel shackle and advanced locking mechanisms, it offers superior resistance against various attack methods. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your U-lock, ensuring its longevity and optimal performance.



Figure 1: Kryptonite Evolution Standard U-Lock components including the U-lock, three keys, and the FlexFrame-U bracket.

Key Features

- **High-Security Design:** Constructed with a 14mm hardened max-performance steel shackle, offering maximum resistance against cutting and leverage attacks.
- **Patented Locking System:** Features a hardened double deadbolt design for enhanced protection against twist attacks, complemented by a high-security disc-style cylinder resistant to picking and drilling.
- **Multi-Functional Use:** Ideal for securing bicycles, sports equipment, gates, fences, toolboxes, ladders, grills,

lawnmowers, skateboards, and truck beds.

- **Dimensions:** U-Lock interior locking dimensions are 4 inches x 9 inches, with a weight of 3.50 lbs.
- **Key System:** Includes three stainless steel keys with an ergonomic design.
- **Easy Transport:** Comes with a versatile FlexFrame U-bracket for quick and secure mounting to your bike frame, eliminating the need for a bag or backpack.
- **Optional Anti-Theft Protection:** Eligible for Kryptonite's Anti-Theft Protection Offer (ATPO) up to $3,000 coverage for registered locks.
- **Lifetime Warranty:** Backed by a limited lifetime warranty for peace of mind.



Figure 2: Detail of the patented "PASS-THRU" crossbar design and new hardened double-deadbolts, enhancing security against twist and single-cut attacks.

Setup and Installation

FlexFrame-U Bracket Installation

The FlexFrame-U bracket allows for convenient transport of your U-lock on your bike frame.

1. Identify a suitable location on your bike frame (e.g., seat tube, down tube) that does not interfere with pedaling or other bike components.
2. Attach the FlexFrame-U bracket to the chosen frame tube using the provided straps or bolts. Ensure it is securely fastened and does not rotate.
3. Insert the U-lock into the bracket. The bracket is designed to hold the lock firmly in place during transport.
4. Test the stability of the mounted lock by gently shaking your bike. Adjust the bracket's position or tightness if necessary.



Figure 3: The FlexFrame-U bracket provides a secure and convenient way to transport the U-lock on your bicycle frame.

Operating Instructions

Locking Your Bicycle

1. Position your bicycle next to a secure, immovable object (e.g., a bike rack, sturdy pole).
2. Remove the U-lock from its bracket.
3. Insert the shackle through the bicycle frame and at least one wheel, then around the immovable object. Aim to fill as much of the shackle's internal space as possible to minimize leverage attack opportunities.
4. Align the shackle ends with the locking mechanism on the crossbar.
5. Push the shackle firmly into the crossbar until it clicks into place, indicating it is locked.

6. Gently pull on the shackle to ensure it is fully engaged and cannot be removed.

Unlocking Your Bicycle

1. Insert one of the provided keys fully into the keyhole.
2. Turn the key to disengage the locking mechanism.
3. Pull the shackle out of the crossbar.
4. Remove the U-lock from your bicycle and the immovable object.
5. Store the U-lock securely on its FlexFrame-U bracket or in a suitable bag.



Figure 4: Proper technique for securing a bicycle using the Kryptonite Evolution U-Lock, ensuring both the frame and wheel are protected.

Maintenance

Regular maintenance will extend the life and ensure the smooth operation of your Kryptonite U-Lock.

- **Lubrication:** Periodically apply a small amount of graphite-based lubricant or a silicone spray into the keyway and the shackle locking points. Avoid oil-based lubricants as they can attract dirt.
- **Cleaning:** Wipe down the lock body and shackle with a damp cloth to remove dirt and grime. Ensure the keyhole cover is clean and slides freely.
- **Key Care:** Keep your keys clean and free of debris. Avoid using excessive force when inserting or turning the key.
- **Storage:** When not in use, store the lock in a dry environment to prevent corrosion.

Troubleshooting

Problem	Possible Cause	Solution
Key is difficult to insert or turn.	Dirt/debris in keyway, lack of lubrication, bent key.	Clean keyway with compressed air, apply lubricant. If key is bent, use a spare. Do not force the key.
Shackle does not fully engage/disengage.	Misalignment, internal mechanism obstruction, corrosion.	Ensure shackle is perfectly aligned. Lubricate locking points. Check for visible obstructions.
Lost keys.	Keys misplaced or stolen.	Utilize spare keys. Register your lock with Kryptonite's Key Safe Program to order replacements.

Specifications

Feature	Detail
Brand	Kryptonite
Model Name	Evolution Standard
Item Model Number	002130 Evolution Standard
Lock Type	Key Lock
Shackle Material	Hardened Max-Performance Steel
Shackle Diameter	14mm
Interior Locking Dimensions	4 inches x 9 inches
Item Weight	3.5 pounds
Color	Black (with orange crossbar)
Special Feature	Anti-Corrosion Vinyl Coating
Included Components	U-Lock, 3 Stainless Steel Keys (one with LED), FlexFrame-U Bracket



Figure 5: Key specifications of the U-lock, including its internal dimensions and weight.



Figure 6: The U-lock's security rating of 8/10 and its Sold Secure Bicycle Gold certification, indicating high theft resistance.

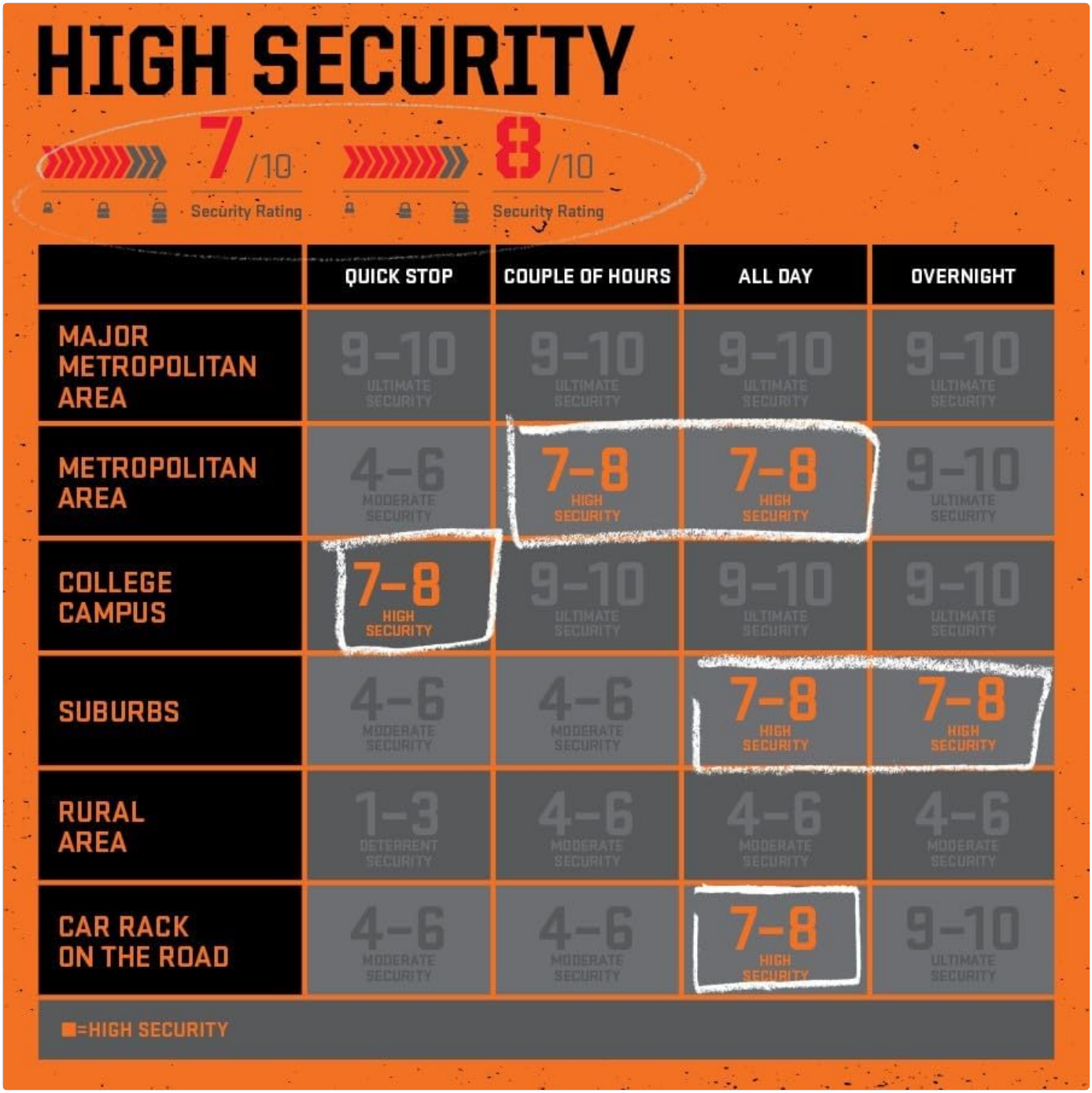


Figure 7: Kryptonite's security rating chart provides guidance on appropriate lock security levels for different environments and parking durations.

Warranty and Support

Kryptonite stands behind the quality of its products.

- **Limited Lifetime Warranty:** Your Kryptonite Evolution Standard U-Lock is covered by a limited lifetime warranty. For any issues, contact Kryptonite Customer Experience.
- **Key Safe Program:** Register your lock with Kryptonite's Key Safe Program. In the event of lost keys, Kryptonite will ship your first two replacement keys globally for free. It is recommended to order extra keys ahead of time, especially if you frequently misplace them.
- **Anti-Theft Protection Offer (ATPO):** This lock is eligible for Kryptonite's ATPO, offering coverage up to $3,000 for registered locks. Visit the official Kryptonite website for details and registration requirements.

Official Product Videos

Below are official product videos from the seller demonstrating key features and usage of the Kryptonite Evolution Standard U-Lock.

No official seller videos were found for this product that meet the embedding criteria.

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For further assistance, please visit the Kryptonite Store.