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RovyVon U4

RovyVon U4 Pro+ Plus Titanium Carabiner Keychain Knife User Manual

Model: U4
Brand: RovyVon

1. Introduction

The RovyVon U4 Pro+ Plus Titanium Carabiner Keychain Knife is a compact and versatile Everyday Carry (EDC) multitool designed for convenience and durability. Crafted from high-quality titanium alloy, it integrates multiple essential tools into a lightweight and robust form factor, making it an ideal companion for daily tasks, quick fixes, and outdoor activities.

This multitool combines a sturdy carabiner clip with a replaceable sharp blade, a dual-bit screwdriver, and a ruler, providing practical functionality whenever you need it. Its thoughtful design ensures ease of use and secure handling across various applications.

2. Product Features

- **Titanium Alloy Construction:** CNC precision machined from titanium alloy, ensuring lightweight design and exceptional durability.
- **Dual-bit Screwdriver:** Features a screwdriver twist made of tough S2 steel for superior hardness and wear resistance. Easily replaces PH0 and SL3.5 screwdriver bits.
- **Folding Knife with Hidden Design:** Includes a folded knife with 90-degree and 180-degree anti-cutting designs to prevent accidental scratches. Comes with 5 replaceable #11 scalpel blades for long-lasting functionality.
- **Pocket Size:** Compact dimensions (L*2.64", W*1.26", H*0.15") and B-shape design make it suitable for one-hand operation and easy portability.
- **Multi-functional EDC Carabiner:** Can be used to hang keys, backpacks, water bottles, and more. Ideal for outdoor adventures, travel, emergencies, camping, fishing, and everyday fashion. The screwdriver also includes a 2cm ruler for daily DIY tasks.




U4Pro
Ti



Figure 2.1: The RovyVon U4 Pro+ Plus Titanium Carabiner Multitool shown with its included replaceable scalpel blades.

3. Setup and Components

The RovyVon U4 Pro+ Plus is designed for immediate use with minimal setup. Familiarize yourself with its integrated components:

- **Carabiner Clip:** The main body serves as a robust carabiner for attaching to various items. It features two distinct sections for secure attachment.
- **Folding Knife:** Integrated into the body, accessible via a mechanical button.
- **Dual-bit Screwdriver:** Located opposite the knife, it holds a reversible PH0 and SL3.5 bit.
- **Ruler:** A 2cm ruler is etched along the screwdriver arm.



Figure 3.1: Product dimensions and weight (24g).

4. Operating Instructions

4.1 Using the Carabiner Clip

The carabiner features two distinct clipping areas. The larger, primary clip is ideal for quick attachment to belt loops, bags, or other gear. The smaller, secondary clip provides a more secure attachment point, suitable for items like keys that you do not wish to remove frequently.



Figure 4.1.1: The carabiner clip securely attached to a backpack strap, holding keys and a small flashlight.

4.2 Deploying the Folding Knife

To deploy the knife, locate the small mechanical button on the side of the multitool. Press this button firmly to release the blade. The blade will lock into place at both 90-degree and 180-degree angles, ensuring stability during use. The anti-cutting design helps prevent accidental injury. To retract the blade, press the button again and carefully fold the blade back into its housing until it clicks securely.

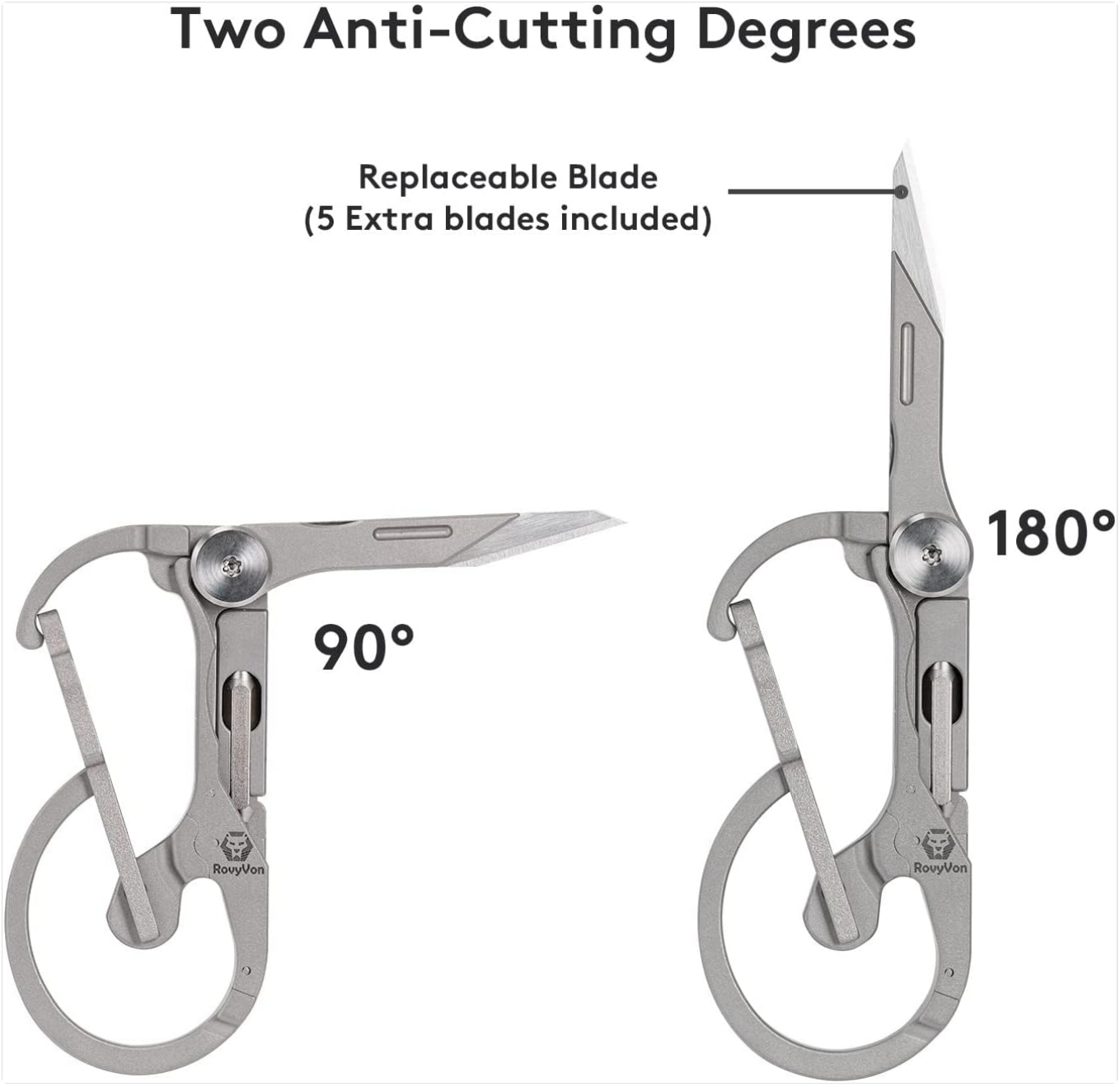


Figure 4.2.1: The knife blade can be locked at 90 and 180 degrees for safe and versatile use.



Figure 4.2.2: The sharp scalpel blade is suitable for opening packages and light cutting tasks.

4.3 Using the Dual-bit Screwdriver and Ruler

To access the screwdriver, press the security dot button on the side of the multitool and pivot the screwdriver arm outwards. The arm contains a magnetic bit holder that securely holds the included PH0 and SL3.5 screwdriver bit. The screwdriver arm also features a 2cm ruler for quick measurements.



Figure 4.3.1: The dual-bit screwdriver and 2cm ruler are integrated into the multitool.



Figure 4.3.2: The screwdriver is suitable for minor repairs and adjustments.

5. Maintenance

5.1 Replacing the Scalpel Blade

The RovyVon U4 Pro+ Plus uses standard #11 scalpel blades, making replacements easy. To replace a blade, fully deploy the knife. Carefully lift the small lever near the blade's base to release it from its groove. Slide the old blade out and insert a new #11 scalpel blade, ensuring it seats firmly in the groove. Lower the lever to secure the new blade. Always handle sharp blades with extreme caution.

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Video 5.1.1: Official RovyVon demonstration on how to replace the scalpel blade and use the screwdriver. This video shows the process of replacing the #11 scalpel blade, demonstrating its easy removal and insertion. It also highlights the functionality of the dual-bit screwdriver for various tasks.

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Video 5.1.2: RovyVon U4 Pro Ti Carabiner Operation Real Shot. This video provides a real-time demonstration of the U4 Pro's

operational features, including the deployment and use of the knife and screwdriver, and how it integrates into daily tasks like cutting paracord and making measurements.

5.2 General Care

Clean the multitool periodically with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the titanium finish. Ensure all moving parts are free of debris for smooth operation.

6. Troubleshooting

- **Blade not locking:** Ensure the blade is fully extended or retracted and the mechanical button is not obstructed. Apply gentle pressure to ensure it clicks into place.
- **Screwdriver bit loose:** The bit holder is magnetic. Ensure the bit is fully inserted. If using third-party bits, verify they are the correct size (standard 1/4 inch hex bits) and length to fit securely within the holder and allow the arm to close properly.
- **Difficulty opening/closing components:** Check for any debris or foreign objects obstructing the moving parts. Clean as per maintenance instructions.

7. Specifications

Attribute	Detail
Brand	RovyVon
Model Number	U4
Material	Titanium
Color	Grey
Item Dimensions (L x W x H)	2.64 x 1.26 x 0.15 inches
Item Weight	0.85 Ounces
Included Components	Carabiner, 5 Replaceable Blades (PH0+SL3.5 Screw Bit included)
Maximum Load Capacity (Vertical Axis)	Approx. 50 kg

8. Warranty and Support

The RovyVon U4 Pro+ Plus Titanium Carabiner Keychain Knife comes with a **2-year warranty** from the date of purchase, covering manufacturing defects and material flaws under normal use. Please retain your proof of purchase for warranty claims.

For technical support, warranty service, or inquiries regarding replacement parts, please contact RovyVon customer service through their official website or the retailer where the product was purchased.

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