The Hoodoo was engineered specifically for the dynamic friction demands of Technical Canyoneering.

The Hoodoo works great with both double rope and single rope technique. Designed to accommodate common canyoneering rope sizes from 8mm-10mm.

On the fly friction adjustment lets you to fine-tune your descent speed, allowing for a comfortable and safe ride down any rappel the canyon throws at you regardless of height.

**WARNING! ADVANCED TECHNICAL SKILLS REQUIRED**

- Canyoneering and Rappelling are inherently dangerous and present a risk of injury or death that cannot be removed.
- It is the user’s responsibility to seek and obtain training specific to using this device safely. It is important to understand that these instructions DO NOT tell you everything you need to know.
- Do not use this device unless you understand and assume all liability regarding its use. Injury, Death, and Damage can occur by use of this equipment. It is the user's responsibility to seek and obtain training specific to using this device.
- Carefully inspect your device prior to every use. All equipment is subject to failure and must be checked prior to every use.
- Never rely on a single device. Always have a contingency plan in place.
- Everyone using this device must receive, read, and thoroughly understand these instructions prior to each use.
- Have a rescue plan and know how to implement it! Many situations can lead to serious injury or death if not escaped!
- We are not responsible for any accidental, direct, or indirect consequences or damage resulting from the use and/or misuse of our products.
- The expected braking capabilities of this device are dependent upon the rope diameter and slipperiness, among other factors. Prior to real use, testing in a safe and controlled environment is critical.

**OVERVIEW**

The Hoodoo was born as a way to not only easily overcome extremely common variable friction requirements while canyoneering, but also to excel at the many basic and advanced needs of Canyoneers. With the enormous array of friction setting that can be added on the fly, it will accommodate both the lightest and heaviest Canyoneers. With the ability to apply or remove friction at any time and adjust to your specific weight, rope diameter and fireman effect, rigging becomes less of a burden. Functioning as a variable friction rappel device, plaque, and releasable block will allow intermediate and advanced users able to utilize many available techniques to fit their specific canyon needs.

**LIMITATIONS**

The variety of ways this equipment can be misused is unimaginable. Advanced Technical Skills Required! It must only be used by fit, specifically trained, experienced users.

**ATTACHMENT**

The Hoodoo attaches to your harness via locking HMS oval or round cross sectional carabiner. The embedded O-ring is designed to provide a tight fit. Ensure your carabiner is not cross loaded! Force on the gate can break the sleeve, causing catastrophic failure.

**LIFETIME**

Life expectancy can vary widely and in some instances, this device may require retirement after a single use. 10-years is the maximum lifespan recommended for this device.

**PERSONAL RESPONSIBILITY**

Professional training is absolutely critical prior to using this device. Being at height is Dangerous and it is your responsibility to reduce the risk as much as possible, although you must understand – the risks involved can never be eliminated.

**SELF RESCUE**

You must know how to free yourself should you get stuck on rope. Training and continual practice regarding this skill set is essential and can be the difference between life and death.

**WORKING INSPECTION**

Inspect before, during, and after each use. This inspection must include all elements of your system. Ensure no critical flaws have developed; gear is locked, and properly positioned.

**DETAILED INSPECTION**

In addition to your “working inspections”, detailed inspection, by a competent inspector must take place at least annually, but can be required much sooner depending on use. Make a copy of these instructions to use as a permanent inspection record, keeping a second copy with the equipment. It is ideal to issue users with new gear so they are personally responsible and familiar with the entire history of the device.

**PAY ATTENTION**

Do not set the system up for a ladder fall or shock load. The force generated in a static system can often be dangerous or deadly.

While rappelling, heat will be generated causing burn potential. Be mindful of your device at all times to avoid injury.

Do not rappel off the end of your rope, or set yourself up to get objects stuck in the device.
**Warning!**
All users must read and understand Instructions prior to use

### Basic Rigging Instructions

#### Single Line - Minimum Friction Setting

![Single Line - Minimum Friction Setting](image1)

#### On The Fly - Level 1

![On The Fly - Level 1](image2)

#### On The Fly - Level 2

![On The Fly - Level 2](image3)

#### On The Fly - Level 2 Direct

![On The Fly - Level 2 Direct](image4)

#### On The Fly - Level 2 Alt

![On The Fly - Level 2 Alt](image5)

#### On The Fly - Level 3 Alt

![On The Fly - Level 3 Alt](image6)

#### On The Fly - Level 3

![On The Fly - Level 3](image7)

#### On The Fly - Level 3 Direct

![On The Fly - Level 3 Direct](image8)

### Initial Friction Lock Off

Shown here initiated with the rope on the topside of the device, wrapped twice, then hitched.

#### Direct Lock off

Achieved with the wraps initiated from the backside, (shown above wrapped twice as Level 3 Direct), then hitched.

### WARNING! – Static Rigging

Once set, this initial friction cannot be removed on the fly. Included for those who may find it necessary or convenient. Friction increases from left to right, practice in a controlled environment prior to commitment in real world use is critical.

### WARNING! – Releasable Block

The nature of this rigging allows the rope to be released under tension. Professional training is critical prior to rigging. A thorough understanding of the correct rigging, purpose, limitations, escape, and backup is critical to safety.

The most current revision of this document can be found on [www.OnRopeCanyoneering.com](http://www.OnRopeCanyoneering.com)

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# Hardware Inspection and Maintenance Log

**Original Owner:** ______________________  **Date Purchased:** ______________________

**Date First Used:** ______________________  **Identification #:** ______________________

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