



Dear user of the Ellington Tensioning Webbing,

Thank you very much for your trust in this Aki product. To ensure safe and long-lasting fun on your slackline, we ask you to read this manual very carefully. Please familiarise yourself with the dangers and limits of this product, before using it for the first time. In particular the tensioning and walking of slacklines requires your full attention and responsible conduct. We wish you a great time and memorable moments on your slackline.

Your Aki Slacklines Team

Aki Ellington tensioning webbing is a tensioning system for slacklines that relies on the principles of chocking and transfer of static friction.

This tensioning method was first employed by the American Jeff Ellington around 1983 and is the traditional method to tension slacklines.

The Ellington tensioning method is particularly suitable for slacklines up to around 30-50m with moderate pretensioning of around 4-5 kN.

The special advantage of the Aki tensioning webbing, is the separation of tensioning webbing and walking webbing. This means the slackline webbing can be chosen freely, according to personal preference. At the same time only the tensioning webbing sees wear and tear during use.

1. Specifications

Minimal breaking strength in Ellington setup: 40 kN
 Maximal recommended working load: 5 kN
 Breaking strength of the webbing: 30 kN
 Webbing width: 25 mm
 Tensioning webbing length: 12 m
 Weight: 730 grams
 Reinforced eyes/loops improve robustness
 Two-coloured design helps to prevent twists
 Made in the EU, Design by Aki

3. Suitable slacklines and lengths

The tensioning webbing is 12 m long. The Ellington consists of 4 lengths of webbing plus 1 m to pull on.

This results in a travel of around 2,70 m for tensioning when fully extended.

The distance that can be tensioned depends on the pretension and the stretch characteristics of the slackline. The following rough values result for 5 kN (WLL):

- Medium stretch webbing (White Magic, Unicorn): max. 60 m
- Low stretch webbing (Voyage, Dyneema): max. 80 m
- High stretch webbing (Sonic, Tidal, Wave): max. 20-25 m

For higher pretensions (higher than 4 kN) we recommend a separate Soft-Release-System. It makes the detensioning process safer and wear and tear of the tensioning webbing is reduced.

4. Suitable redirection elements

The piece of hardware used to redirect (karabiner, shackle or ring) should have three basic characteristics:

- suitable inner radius securely guides the layers of webbing on top of each other
- suitable inner radius allows for the gentle pulling out of the webbing when releasing
- the breaking strength of the piece is sufficiently high (a min. safety factor of 5 to the WLL)

Rings and bow shackles with an inner radius of ca. 40 to 50 mm work best.

Be careful when using karabiners! Only suitable for lower pretensions of max. 2-3 kN: Aluminium karabiners are to be avoided.

Warning

Activities which involve the use of tensioning webbing are potentially dangerous. You are responsible for your own actions and your own decisions.

Before you use tensioning webbing, please take note of the following points:

- Completely read this manual, contact us if you have remaining questions and uncertainties
- Familiarise yourself with the behaviour and the limits of use of the tensioning webbing
- Slowly work your way up to higher tensions and longer slacklines
- Understand the potential risks when using tensioning webbing, in particular for highly tensioned slacklines
- Check the tensioning webbing before each use for functionality and any potential damage
- Pay particular attention to specific dangers such as twists in the webbing, sideways displacement of webbing layers, leverage of shackle bolts, etc.
- Additionally, the tensioning webbing should always have a back up



Working Load Limit WLL = 5 kN

The tensioning webbing may only be used up to the WLL. Always adhere to the WLL of all separate components inside the complete slackline system.

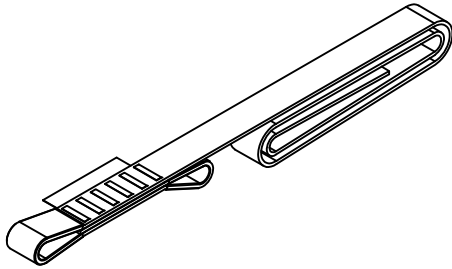


Any disregard of all the aforementioned warnings can lead to serious injury or death.

Manual

for

Ellington Tensioning Webbing



This manual is to be used together with the corresponding illustrations.

Of the techniques shown in the illustrations, only those which are not crossed out and/or do not have a skull symbol are permitted. Regularly visit our homepage www.akislack.de to obtain the latest versions of this document or additional information. If you have any difficulty in understanding this document, please contact us.

2. Intended use

The Aki Ellington tensioning webbing is solely intended for the tensioning of slacklines. Any other type of use is not allowed.

The tensioning webbing may only be used with the webbing stacked in the order described in this manual.

This product may only be used by competent and cautious persons. Or its use must be under constant surveillance by a competent and cautious person.

Tensioning webbing may only be tensioned by one person. Tensioning by several people pulling at the same time is not allowed

Ellington tensioning webbing may not be used as personal protective equipment (PPE), fall protection, means of climbing protection or for mountain rescue, it is not certified for these uses.

The max working load of 5 kN may not be surpassed during use. The user is responsible for the surveillance of the operating and working load.

The working load is defined as the maximum pretension reached after tensioning without a person standing on the slackline.



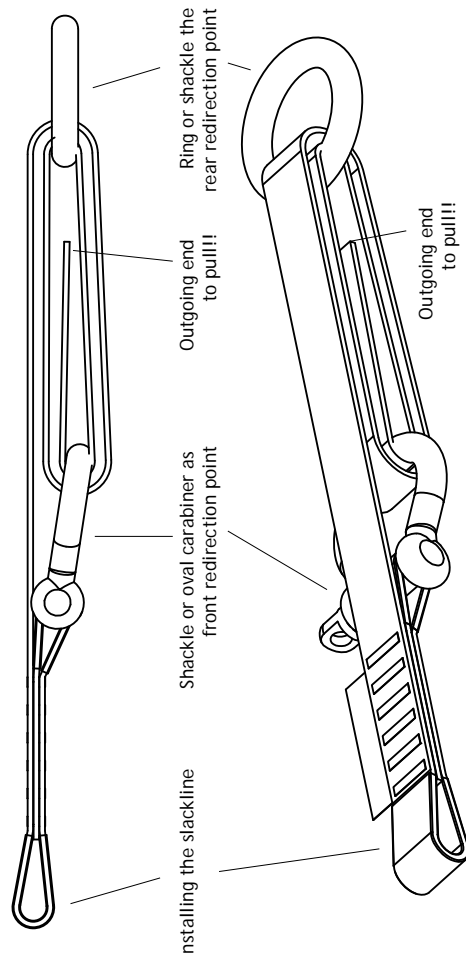
The tensioning webbing is not approved for highline rigs. The max height of the rig has to allow for a jump/fall to the ground without injury.



Do not use for highlines!

5. Layering the webbing

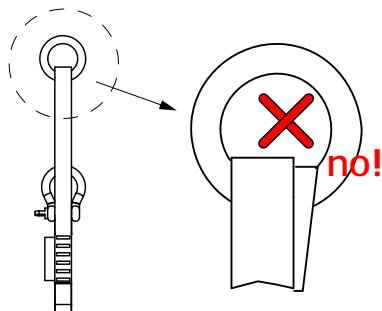
During preparation the webbing is slid under the outer layer of webbing twice at the redirection points!



6. Special Dangers

Below is a selection of typical misuse applications. However, it is not possible to give a complete overview of all potential misuse cases. A variety of other errors and risks can occur. For this reason a careful and self-responsible use of the product is a basic requirement.

The layers of webbing have to lie precisely on top of each other. Any offset can damage the webbing.



The webbing may not be twisted inside the mechanical advantage system.

Take special care during tensioning and release against drawing in of hair, clothing or other objects.

Take special care with respect to the possibility of self-opening shackle bolts due to cyclic levering loads.

The tensioning webbing has to be taken out of service in case of:

- tears of any kind
- damaged stitching
- strong melts and abrasion on the webbing surface, affecting more than 10% of the fibers.
- doubts concerning reliability
- an unknown history of use
- after contact with chemicals

Destroy and dispose of tensioning webbing to prevent its further use.

11. Guarantees and warranties

Legal warranties apply. Excluded are: normal wear and tear (in particular abrasion and melting of the webbing surface), modifications and changes as well as damage caused by misuse.

A recall is only applicable for new and unused products.

12. Legal disclaimer

Aki Slacklines is not liable for damage caused by misuse of the product and in particular when warnings are ignored. With the purchase of the tensioning webbing you confirm that you have taken notice of these warnings and notices and that you understand them. Please include this manual when selling the product to third parties.

Slacklining can lead to serious injury or death. The use of the tensioning webbing takes place at your own risk and responsibility. Every person, that uses the tensioning webbing, is personally responsible for the attainment of correct usage and techniques. Every user assumes all risks and accepts full responsibility for all damage and injuries of any kind, which may result from use of the tensioning webbing.

7. Security / backup

The loose outgoing webbing from the Ellington has to be secured! For example, the webbing can be tied to the back redirection point or the fix point with two consecutive overhand bends.

8. Detensioning the Ellington

The tensioning webbing is released with a strong sideways tug from the front redirection point first (without releasing the tension yet) and then from the back redirection point.

Danger! Maintain a sufficient distance (at least 3 m is recommended) between the back constriction point and your hand pulling the loose end. The webbing jerkily retracts at high speed into the back redirection point when released (danger of injury!)

9. Storage, transport, care

Store the tensioning webbing in a dry place, protected from sunlight/UV radiation, chemicals and at moderate temperatures. Especially after use in rain or damp environments the webbing must be dried immediately. After contact with salt water or after use in the proximity of salt water, the tensioning webbing is to be washed in fresh water and then dried.

Clean dirt in max. 30° C warm water with hands. Loose hang to dry.

Do not wash or spin-dry in washing machine!
Do not dry in tumbler!
Do not use chemical cleaning agents!

10. Life span

The maximum life-span of textile products from Aki Slacklines is 10 years after the date of manufacture.

Danger, exceptional circumstances, even after a single use, can lead to taking the product out of service.

The specific life of the product depends on regularity and intensity of use.

A functional check and control for damage has to be performed before every use.

- are the loops free of damage?
- is the stitching pattern free of damage?
- is the tensioning webbing free of tears?
- is the tensioning webbing free of melts?
- is the tensioning webbing free of very fuzzy patches and/or other signs of wear and tear?
- is the tensioning webbing free of chemicals?

Do not remove any labels or markings!

If you are not in a position to take responsibility or to take this risk, do not use this product.

Children and adolescents require adult supervision.

This tensioning webbing was developed exclusively for slackline use and may not be used for other purposes. Before every use the tensioning webbing is to be checked for damage described under section 10 and, if necessary, it is to be taken out of service.

As manufacturer we do not take responsibility for any bodily damage or for any consequential or incidental damage, which result from the use of the tensioning webbing.

The information in this manual is not exhaustive.

13. Manufacturer contact

We are available to answer questions, for feedback and suggestions via email, phone or personally at.

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