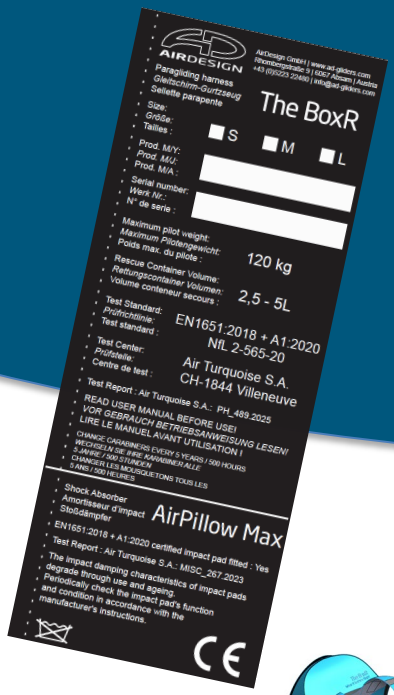
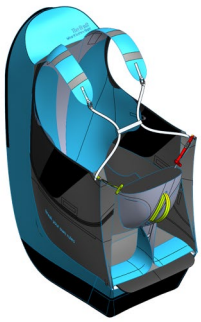
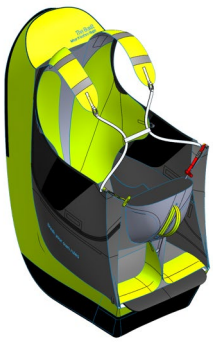


AIRDESIGN
break your own rules







The BoxR
Wear it before flight

WELCOME TO AIRDESIGN

Thank you for choosing AirDesign and The BoxR.
This harness has been developed by a team of pilots, instructors, designers, and mountaineers who share their passion for flight.
Extensive testing and countless flight hours in the Alps have gone into its development to ensure reliability, safety, and enjoyment.

Please read carefully the manual for this harness.

Please register your harness online on our website at Product registration — AirDesign - Paragliders.
Check the website Product registration page for more details.

If you wish, you can enroll for the AirDesign newsletter. Simply provide us with your e-mail address and you will always be up to date with the very latest news from the AirDesign world.

Up to the minute news and information is available on our Facebook page under “AIRDESIGN gliders”. Become a fan and you are online with us whenever you login to Facebook.

More information about The BoxR can be found on our website:
www.ad-gliders.com

For any further questions, please contact your nearest AirDesign dealer
AIRDESIGN - Dealers

AIRDESIGN GmbH
Rhombergstraße 9,
6067 Absam
AUSTRIA

TABLE OF CONTENT

WELCOME TO AIRDESIGN **1**

SAFETY **3**

SIZE CHART **3**

DISCOVERING YOUR HARNESS **4**

General description 4
Safety elements 4
Seat structure 4
Large volume containers 5
Inflight accessible pockets 5

PREPARATION FOR FLIGHT **6**

Inflating AirPillow 6
Optional FoamPillow (School use) 6
Back Container storage 7
Hydration system hooking and slots: 7
Underseat Pocket 7
Cockpit 8
Connection to Towing equipment 8

CLIPPING-IN YOUR HARNESS **9**

Waist strap 9
Rescue container closing 9
Chest cross straps 9
Connection to the paraglider risers 10
Connecting the speed bar 10

HARNESS ADJUSTMENTS **11**

1: Seat Inclination adjustment (thigh support) 11
Waist strap width 11
2: Lower back adjustment (Lumbar straps) 12
3: Upper back adjustment (Shoulder straps) 12
5: Speed bar adjustment 12
4: Seat length adjustment 13

IN FLIGHT ADJUSTMENT **13**

PREPARING YOUR HARNESS (DETAILS) **14**

Connection detail (Harness- Carabiner assembly) 14
Rescue installation 14
Risers' connection *14*
Rescue handle connection *15*
Container closing *15*
Rescue deployment *16*
Harness packing 17

COMPOSITION, CARE AND MAINTENANCE **17**

ROUTINE INSPECTION **17**

PRODUCT REGISTRATION AND GUARANTEE **18**

Product registration – Produktregistrierung - Enregistrement de produit *18*

RESPECTING NATURE AND ENVIRONMENT **18**

SAFETY

The BoxR is certified according to EN 1651 and NfL 2-565-20 for a maximum pilot weight of 120kg.

AirPillow Max and FoamPillow Max (optional) are CE certified as ImpactPad (shock absorber) according to EU Regulation 2016/425.

Towing is permitted providing it's done under professional supervision, with a specific quick release system, connected to the main carabiners, taking care that there is no possible interaction of the towing system with the reserve container.

Please read this manual carefully and thoroughly.

IMPORTANT SAFETY NOTICE

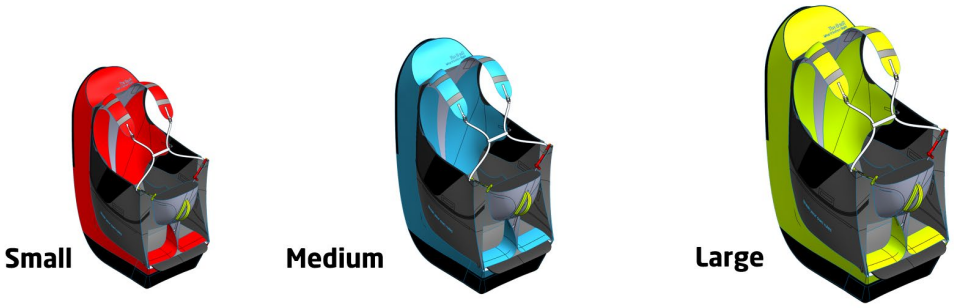
By the purchase of this equipment, you are responsible for being a certified paraglider pilot and you accept all risks inherent with paragliding activities including injury and death.
Improper use or misuse of paragliding equipment greatly increases these risks.

Neither AirDesign nor the seller of AirDesign equipment shall be held liable for personal or third party injuries or damages under any circumstances.

If any aspect of the use of our equipment remains unclear, please contact your local paragliding instructor, AirDesign dealer or the AirDesign importer in your country.

SIZE CHART

Choosing the right harness size is key to comfort and safety. The chart will help you make your choice, but we suggest visiting one of our dealers to try the harness in person.



	50 kg	55 kg	60 kg	65 kg	70 kg	75 kg	80 kg	85 kg	90 kg	95 kg	100+ kg*
150 cm	S	S	S	S							
155 cm	S	S	S	S	S						
160 cm	S	S	S	S	S	S	S/M				
165 cm	S	S	S	S	S/M	S/M	M	M			
170 cm	S	S	S/M	S/M	M	M	M	M	M		
175 cm		M	M	M	M	M	M	M/L	M/L	L	
180 cm			M	M	M/L	M/L	M/L	L	L	L	L
185 cm				M/L	L	L	L	L	L	L	L
190 cm					L	L	L	L	L	L	L
195 cm						L	L	L	L	L	L
200 cm							L	L	L	L	L

Poids maximum pilote équipé : 120 kg

DISCOVERING YOUR HARNESS

General description

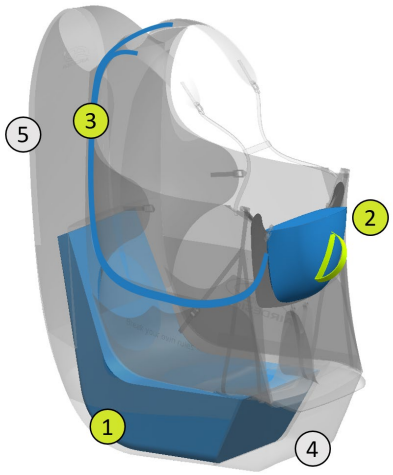


1: Removable front rescue container

2: Aerodynamic Back Container

3: 3D Shaped comfortable backseat

Safety elements



1: AirPillow Max protector

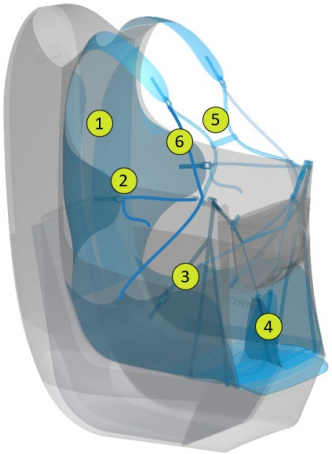
2: Removable rescue container

3: Rescue risers

4: Underseat Pocket

5: Back Container

Seat structure



1: 3D Shaped back

2: Adjustable lumbar support

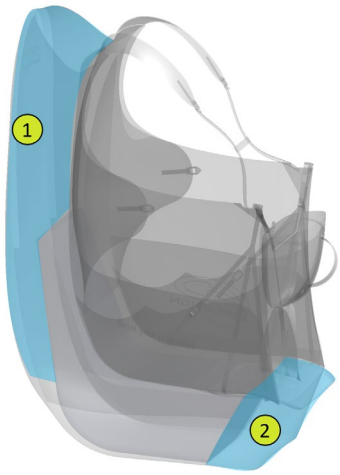
3: Adjustable seat inclination

4: Leg straps

5: Waist strap

6: Adjustable shoulder straps (stand-up system)

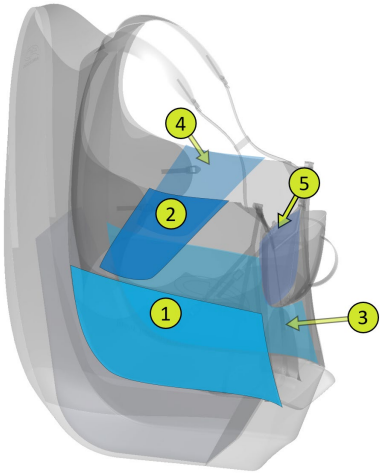
Large volume containers



1: Back container (40l)

2: Underseat container

Inflight accessible pockets



1: Large zipped pocket (right)

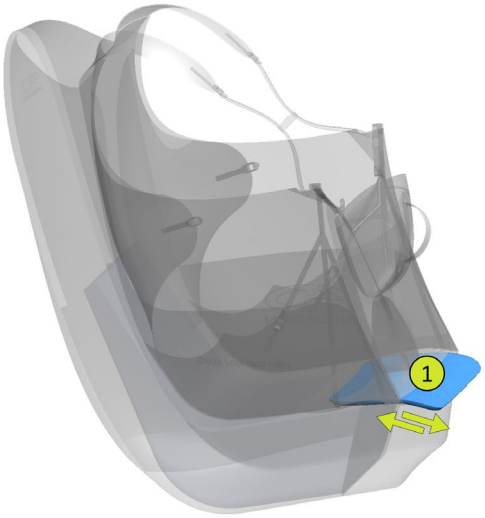
2: Small pocket (right)

3: Large zipped pocket (left)

4: Small pocket (left)

5: Power/Food pocket (under rescue)

Adjustable seat length



1: Carbon Plate (Adjustable length)

PREPARATION FOR FLIGHT

The BoxR
Wear it before flight

Inflating AirPillow

The BoxR harness is delivered with inflatable AirPillow Max protector which provides an excellent impact absorption. This protection is EN/LTF and CE certified (Air Turquoise SA **MISC_267.2023)**

Before using your harness, you need to inflate the AirPillow. You can use the BoxR Bag to inflate it using the pipe. Once the Air Pillow is completely filled up, close the pipe using the clamp to lock it tight.



Optional FoamPillow (School use)

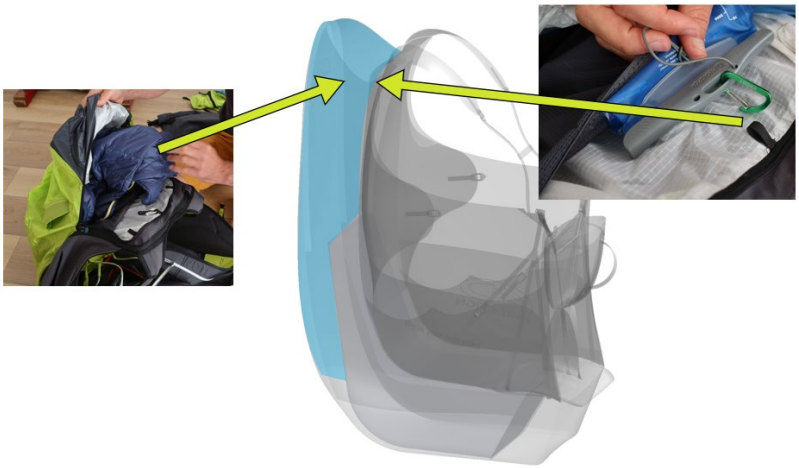
The FoamPillow can be used instead of AirPillow Max.
FoamPillow is also EN/LTF and CE certified (Air Turquoise SA **MISC_319.2025)**.

To replace AirPillow Max, open the front lower pocket and the Mesh wall. Remove AirPillow and store it carefully. Insert FoamPillow and close the Mesh wall.

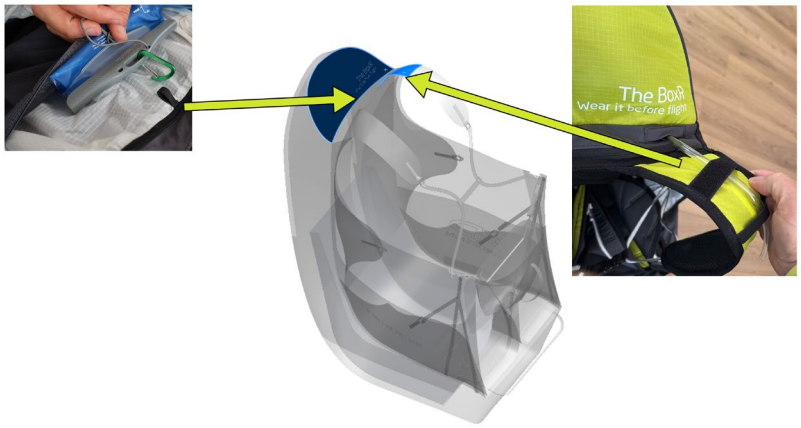


Back Container storage

The back container offers a large storage volume.
We recommend using the back container to store your folded rucksack.



Hydration system hooking and slots:



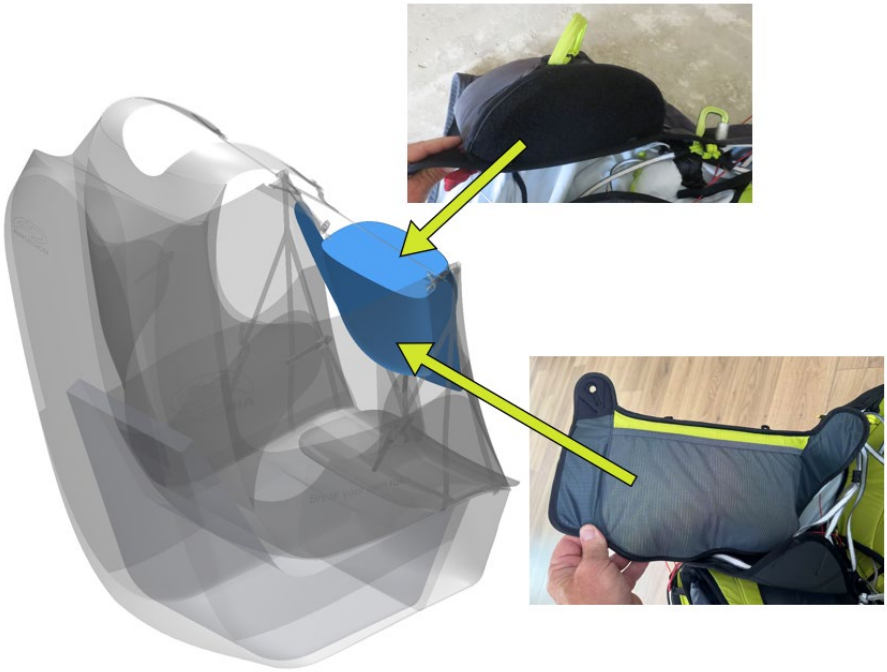
Underseat Pocket

You can use the Underseat pocket for your BoxR Bag and AirPack.



Cockpit

The Cockpit is covered with Velcro and allows you to display all your instruments. The Mesh pocket underneath is perfect for all kinds of energy reserves (batteries, power bars).



Connection to Towing equipment

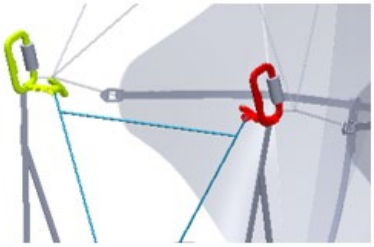
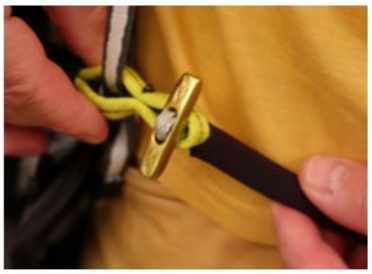
The BoxR Harness is suitable for winch-towing launches. There are no special attachments for this type of launch. The tow release system is to be connected to the main carabiners.
Please ensure that the tow release equipment is compatible with the front rescue container.
Follow the instructions of the tow release and the tow adapter or ask a flight instructor or professional experienced with paraglider towing.

CLIPPING-IN YOUR HARNESS

Waist strap

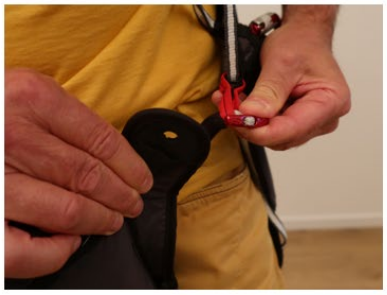
First get into the harness by putting the shoulders on.
Make sure that the leg loops, coming from behind, pass between your legs.
Then close the waist strap with the toggles and the loops – Green to Green & Red to Red




Rescue container closing

Close the right panel passing the rescue container loop through the left receiver. (Red).

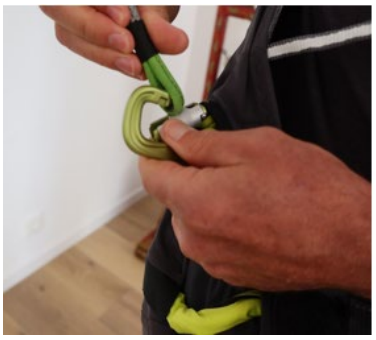

Chest cross straps

Close chest strap using the clip.





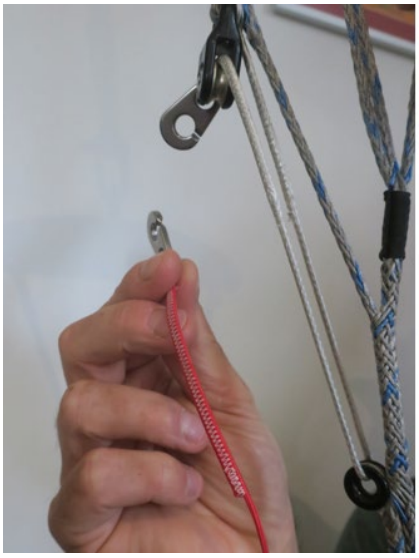
Connection to the paraglider risers



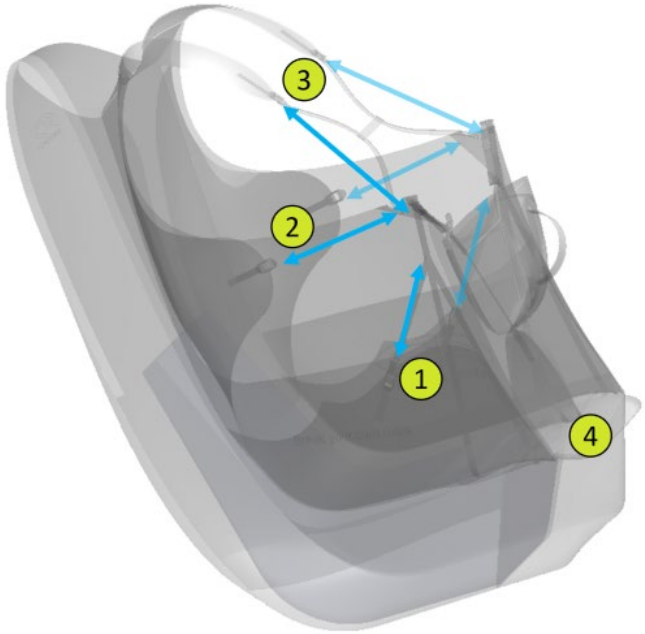


Warning! Ensure that carabiners are locked and not twisted before take-off.

Connecting the speed bar



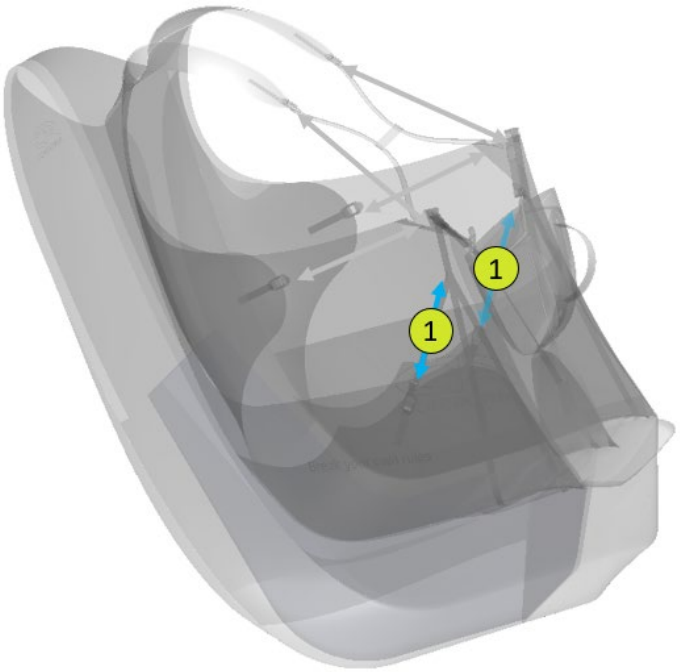

HARNESS ADJUSTMENTS

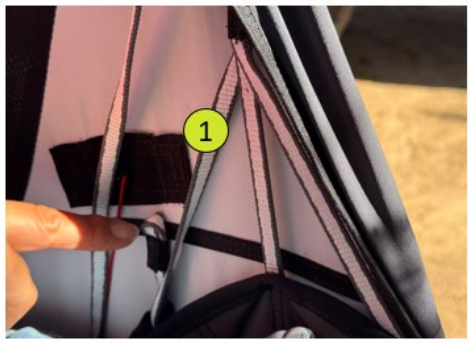


1: Seat inclination adjustment
2: Back inclination adjustment
3: Shoulder strap adjustment
4: Leg Support adjustment

1: Seat Inclination adjustment (thigh support)

Adjust the strap height to reach a comfortable thigh support and inclination.







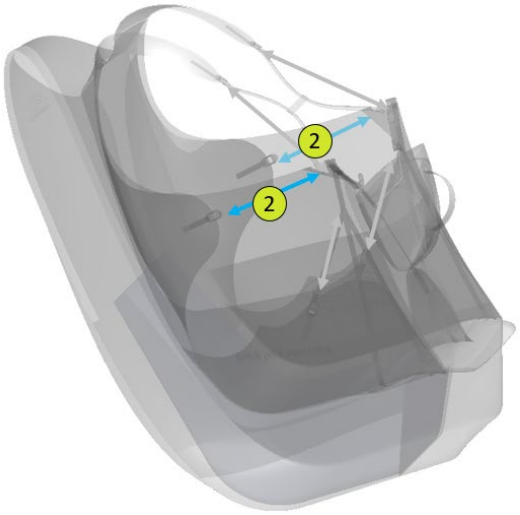
Waist strap width

Waist strap width is fixed. It's set for best balance between weight transfer handling and stability.
For information, widths between carabiners are:

Small :	44 cm
Medium:	45 cm
Large :	47 cm

2: Lower back adjustment (Lumbar straps)

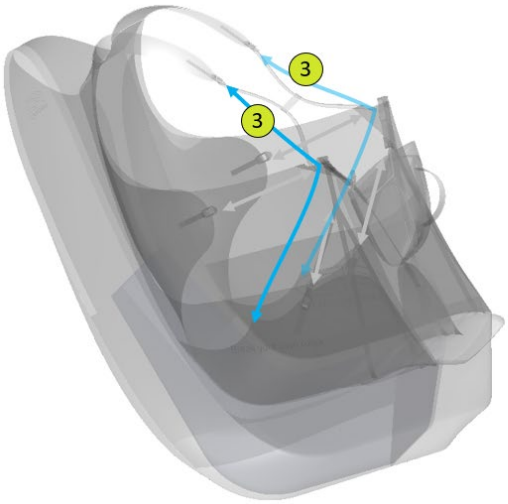
Adjust the lumbar straps symmetrically for a comfortable fit and balanced back support.





3: Upper back adjustment (Shoulder straps)

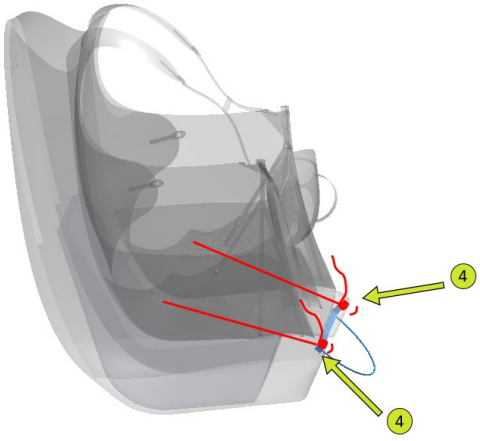
Adjust the shoulders symmetrically for a balanced back support.





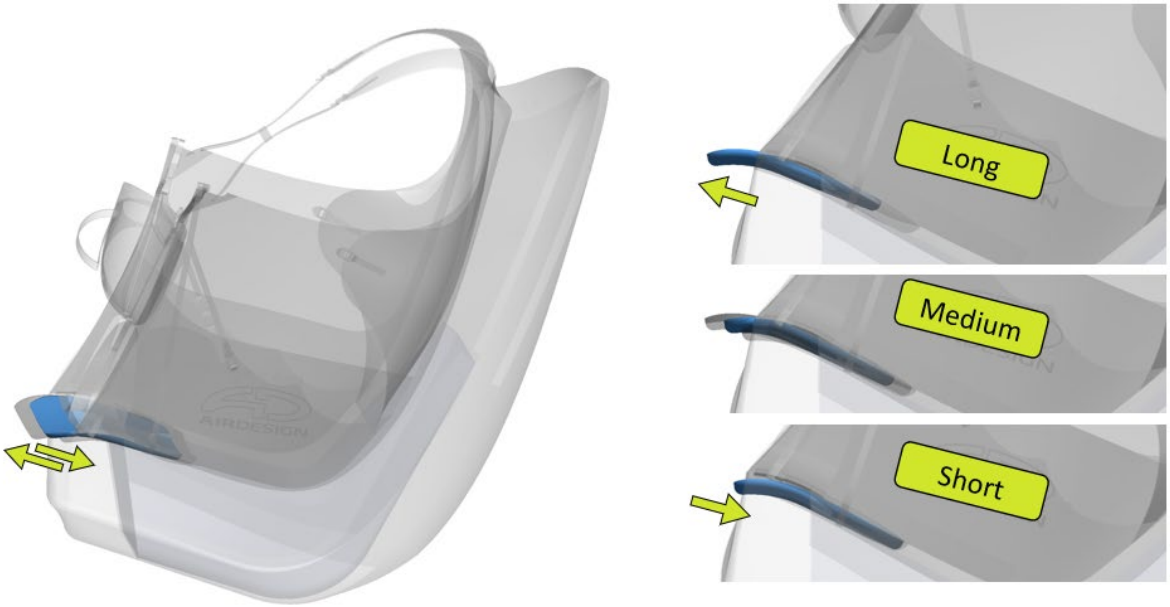
5: Speed bar adjustment

Speed bar is already mounted with a standard adjustment.
Should you need to adjust the speed bar line length, use the knots at bottom of the speed bar lines.



4: Seat length adjustment

The Carbon plate is adjustable in length with the Velcro under leg straps.



IN FLIGHT ADJUSTMENT

You can adjust Back and Shoulders during the flight, but we recommend you to do it before take-off.



Enjoy your flight!

PREPARING YOUR HARNESS (details)

Connection detail (Harness- Carabiner assembly)

The harness is delivered with Carabiners. Please respect the mounting as here below.





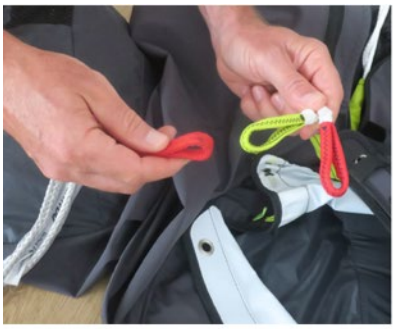


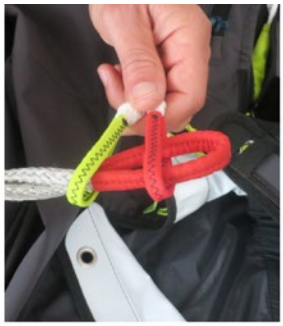


Rescue installation

Risers' connection

To connect your rescue to the risers, please proceed as shown here below.

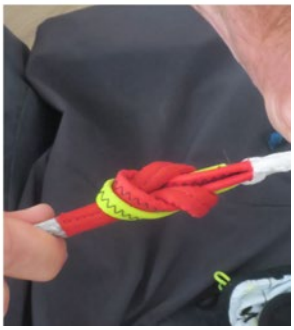












If your rescue does not allow this lark's head knot assembly, you can use a maillon with suitable resistance. Follow then the instructions related to your rescue or ask a flight instructor or professional with experience in paraglider rescue installation. By any mean, avoid friction with unsheathed Dyneema lines or ropes.

Rescue handle connection





Container closing







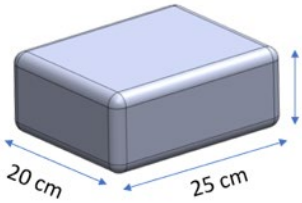






Risers' sleeve





L BoxR Container

Maximum recommended volume for the rescue is 4L for S Size, 4.5L for M size, 5L for L size.

Rescue deployment

We recommend a rescue pull out at least once a year and at every repacking in order to verify its proper functioning.



Warning : User must check that the length between the handle and the container does not allow entanglement with the rescue lines.

Harness packing



COMPOSITION, CARE AND MAINTENANCE

The durability of this harness depends on your good care. Using the harness for ground handling, touch and go, speed flying or speed riding will lower its life span.

The harness is composed of Ripstop Nylon fabric, nylon elasthane fabric EVA foam, polyester mesh, polyester, Dyneema and nylon webbings, Nitinol rods, Aluminium toggles and carabiners, TPU inflatable bag with PVC pipe, zippers and polypropylene buckles.

Take care of the following:

- Avoid excessive exposure to UV, heat and humidity.
- Pack the harness dry and store in a cool dry place.
- Do not pack it too tight to avoid permanent damages to the Nitinol rods.
- Never drag or skim your harness along the ground.
- Keep you harness clean of dirt, oils and any corrosive substance.
- This harness can be washed with a soft brush and clear water. Do not dry under direct sun exposure.

ROUTINE INSPECTION

Regularly inspect your harness (every 20 flights or 3 months) by visually check the stitching, webbing and all structurally important areas. Pay particular attention to the webbing around the hang point area. Same intervals apply for your rescue / harness connections and for Air Pillow's tightness when inflated.
If you find any damage or if you are in any doubt make sure the harness is checked by a professional or contact your dealer immediately.
Harness should be checked and inspected thoroughly by a professional before reaching 5 years or 500 flights.
Change the aluminum carabiners after 5 years or 500 flights.
Warning! Do not use the carabiners if any sign of damage is visible or if they have been used in a wrong way (lateral load for example) on a previous flight, or if they have suffered from a shock.

PRODUCT REGISTRATION AND GUARANTEE

This product is guaranteed 2 years from date of purchase against production faults

Product registration – Produktregistrierung - Enregistrement de produit

Model/Modell/Modèle: The BoxR

Size/Größe/Taille: ❒ **S** ❒ **M** ❒ **L**

Serial Number/Seriennummer/Numéro de série: _____

Date of Purchase/Kaufdatum/Date d'achat: _____

First Flight/Erstflug/Date de premier vol: _____

Customer/Käufer/Client:

Family Name/ Nachname/Nom de famille: _____

First Name/Vorname/Prénom: _____

Address/Adresse/Adresse: _____

_____

Tel: _____

Fax: _____

Email: _____

Product Registration: cut off and send to AIRDESIGN, or register online at: www.ad-gliders.com
Produktregistrierung abtrennen und einschicken, oder online registrieren unter: www.ad-gliders.com
Enregistrement produit : couper et envoyer à AIRDESIGN, ou enregistrer en ligne sur : www.ad-gliders.com

AIRDESIGN GmbH I Rhombergstraße 9, 3.Stock I 6067 Absam I AUSTRIA

RESPECTING NATURE AND ENVIRONMENT

Finally, we would ask each pilot to take care of nature and our environment. Respect nature and the environment at all times but most particularly at take-off and landing places.
Respect others and paraglide in harmony with nature.
Do not leave marked tracks and do not leave rubbish behind.
Do not make unnecessary noise and respect sensitive biological areas.

The materials used on the harness should be recycled.
Please send old AIRDESIGN harnesses back to AIRDESIGN offices. We will undertake to recycle the harness.

Thank you, now put your BoxR on, go out and enjoy your flights!

EN & LTF Certification :
AirTurquoise SA
Rte du Pré-au-Comte 8 - 1844 Villeneuve / Switzerland

CE Conformity assessment :
RICOTEST- Notified Body N.0498
Via Tione 9 - 37010 Pastrengo (vR) - Italy