

# Welcome to ADVANCE

Our sincere thanks that you have decided on a product from ADVANCE, one of the worldwide leading paraglider manufacturers. Since our founding in 1988, and based in Switzerland, we have consistently followed own policies, plans and concepts, including development and production.

In developing the BIBETA 6 we took on the demanding task of packing the best of contemporary tandem models into a single, no compromise example, designed to meet

the needs of the professional tandem pilot – and be fun. Straightforward handling on the ground, outstanding takeoff and landing qualities, direct and precise control which answers the smallest steering demand – the BIBETA 6 is your guarantee of fun at work.

# Getting Started

This guide gives you a brief look at using the BIBETA 6, but it does not replace the manual which you can download from [www.advance.ch/bibeta](http://www.advance.ch/bibeta).

Register your BIBETA 6 on [www.advance.ch/warranty](http://www.advance.ch/warranty), and receive information about updates and safety-related topics for this product.



# Delivery and basic settings

Every ADVANCE product has to be checked by the dealer for completeness and correct basic settings before delivery. Any alteration of the product has the result of invalidating the certification. The brake line lengths should not be altered. They are set at manufacture so that the trailing edge of the wing remains unbraked in fully accelerated flight with fully released brake lines.

In the package:

- BIBETA 6
- Inner bag
- Getting Started booklet

Options:

- Comfortpack 2: 130 or 145 ltrs
- 4 different tandem spreaders (hard, soft, soft-trimm, soft-trimm/quickout)

# Using the Trimmers

The BIBETA 6 has trimmers which can provide an airspeed increase of around 6 kph, resulting in significant safety reserve in a strong wind. Open trims combined with big ears (Vary-Grip) is also a comfortable and considerate faster way to descend with a passenger.

## Info

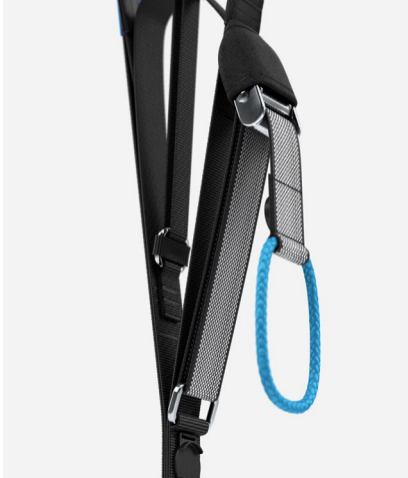
- Always use a symmetrical trim setting.
- Open trims raise the brake handle position significantly, and brake loading

increases because of the higher speed.

- The BIBETA 6 is very stable and can be flown accelerated in light turbulence. The BIBETA 6 can also be steered and controlled by brake when trims are open

## Info

- We recommend that you circle in thermals with trims closed. This gives best stability and minimum sink.



# Big ears with Vary-Grip

The BIBETA 6 has split A risers for easy big ears. Each outer, big ear A line can be held in a jam cleat on its C riser. BIBETA 6 big ears can be maintained for a long time without tiring the pilot.

The A line position can be pulled in more, and reset in the cleats. While the ears are fixed in the Vary-Grip-System the paraglider can be steered normally with the brakes.



### **Info**

After unclipping and releasing the outer A lines, it is not necessary to pump the folded ears out for a strong wind landing. The brake pressure you need for flaring will open enough wing surface for the landing.



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# Using the spreaders

Four different kinds of spreader are available for the BIBETA 6 as options (hard, soft, soft-trimm, soft-trimm/quickout).

## **Rigid spreaders (hard)**

The reserve connection runs above the pilot's suspension arm and is fixed in the paraglider main suspension (carabiner) loop.

## **Soft and soft-trimm spreaders**

... with two (soft-trimm), even three (soft) main suspension options. The reserve

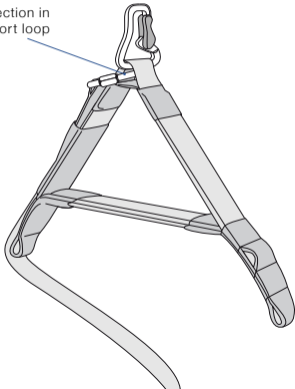
connection runs under the pilot's spreader arms and connects to the loops provided.

## **Soft-trimm/Quickout spreaders**

The soft-trimm spreader is also available as a Quickout version.

## Rigid spreaders (hard)

Reserve connection in the main support loop

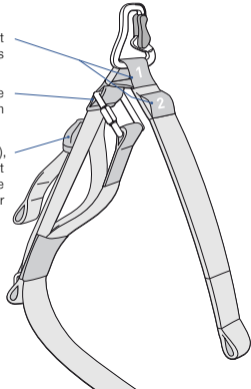


## Soft spreaders (soft-trimm)

2 Main support options

Loop for reserve connection

Spring clip (trimmer), to adjust the pilot height relative to the passenger



# Brake guide configurations

There are 2 loops on the C riser for changing the brake line guide position to suit the pilot's height. To change position unfasten the brake handle, take the brake line out of the pulley, remove the guide and reloop it at the new position. For a very high line guide position you can loop it directly on the C riser quicklink. The brake handle position will have to be altered, up or down, by the vertical distance moved by the line guide.



# Lines in use

The BIBETA 6 is exclusively fitted with length-stable, colour-differentiated High Quality Edelrid Aramid lines. The broad gauge, uncovered lines need no special everyday handling due to a comprehensive preparation process; mainly Thermo Shield and UV-Prottec coating. Normal line care (e.g. store dry, no passenger-walk-on) should naturally be observed.



# Flying with a wet paraglider

Flying with a wet paraglider creates a risk of parachutal stall. This event is often the result of a combination of several factors.

The water adds to the weight of the canopy. The additional weight distribution results in a higher angle of attack, always bringing the paraglider closer to the stall. Then the drops of water on the cloth have a bad effect on the laminar flow near the leading edge, significantly reducing the attainable lift coefficient.

To avoid the risk of parachutal stall with a wet glider the wing should be braked as little as possible, and big ears never used. If the paraglider does go into parachutal stall, recovery should only be achieved by accelerating using the trimmers.

# Technical Data

<b>BIBETA 6</b>		<b>38</b>	<b>41</b>
Flat area	m <sup>2</sup>	38.1	40.8
Recommended weight range	kg	100–180	120–225
Glider weight	kg	6.70	6.95
Flat aspect ratio		5.45	5.45
Number of cells		53	53
Number of risers		3 + 1	3 + 1
Certification		EN/LTF B	EN/LTF B
Max. line lengths incl. risers	cm	902	932
Max. chord	cm	325	335
Trimmer range	cm	10	10
Other adjustable/removable devices		Vary-Grip	Vary-Grip



# Check, Warranty & Service

Your BIBETA 6 has to have a check every 24 months, every 150 flights or 150 flight hours, – whichever comes first – to be carried out at an ADVANCE authorised check centre. Identified damage means that the glider should be immediately taken to an authorised Service Centre.

Our many years experience shows that a BIBETA canopy in commercial use lasts up to 1000 flights under optimal conditions, the lines, however, considerably less. There's

more about this in the manual.

Register your BIBETA 6 on [www.advance.ch/warranty](http://www.advance.ch/warranty) and benefit from the extended ADVANCE warranty cover.

This is valid for 3 years and applies to deficiencies that can be attributed to manufacturing faults.

You can find the latest version of the official manual and lots more information on [www.advance.ch](http://www.advance.ch)



ADVANCEBIBETA<sup>6</sup>

Getting started