



BUILT FOR ACTION



 **Avid**
BUILT FOR ACTION

SPORT PERFORMANCE / EN B



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The Avid lets you experience the joys of free flight to the max. It's a wing that keeps your focus on the views and the route and helps you stay relaxed.

The Avid offers a well-rounded package for the XC pilot who wants to fly a wing that provides pure pleasure. Its balanced yet informative handling means efficient climbing and gliding with a low workload and wide margin of safety:

- excellent climbing ability in all conditions
- exemplary pitch stability for easy take-offs and outstanding collapse resistance/recovery
- a fabric adapted for more abrasive take-offs
- top class glide performance for its category
- smart riser for improved C riser control





UP, UP AND AWAY

The Avid's combination of stability and handling translates into a superior climbing experience. The wing is informative enough to help you make the most of lift, yet the brakes offer authority and precision. Whether turning tightly or more flat, the Avid always remains well balanced. Feedback through the brakes is direct, and its inherent pitch and roll stability enables you to effortlessly maximise your climb—and have fun doing so!

TOP CLASS GLIDE PERFORMANCE

The Avid's glide is among the best in its class, and in many instances, it will keep up with wings in the category above. 3rd generation Equalized Pressure Technology (EPT) ensures that the internal pressure in the wing remains as constant as possible, which means that the shape of the wing is maintained and aerodynamic efficiency improved. The Avid's profile and aspect ratio is derived from the Explorer 2, a wing which has an excellent track record in its category.





FABRIC FOR HARSH ENVIRONMENTS

The fabric of the Avid was developed by GIN and our technical partner Myungjin.

The Myungjin MJ40MF and MJ32MF fabrics are intended to withstand harsher, more abrasive environments. After a long development process, this fabric was first introduced in our tandem glider and has proven to have excellent qualities.

CALM, COOL, COLLECTED

The Avid has an innate pitch stability. It bites enthusiastically into lifty lines, yet settles quickly overhead. Collapses are a rare thing in flyable air and even if they do occur, recovery is stress-free. And even on windier, more thermic take-offs, the wing has a tendency to remain anchored above your head.





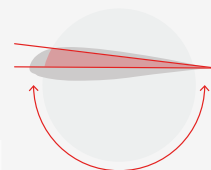
REAR RISER CONTROL SYSTEM

The Avid features a smart riser with a control toggle and a Harken pulley for extra smooth operation (in case you prefer a more conventional riser, the B/C line is removable).

Push half bar, take the riser and enjoy the view!
The ideal introduction to flying with the rear risers!



The C riser control system can be effected by pulling the toggle progressively as shown.





BUILT FOR TRAVEL

Despite the heavier fabric, the Avid is still relatively light due to its construction. A strategic mix of new formula plastic rods and Nitinol (Nickel titanium) wire provides greater dimensional stability, performance and more compact packing.



DESIGNER NOTES

Designer Gin Seok Song explains the development process of the Avid:

“The Avid draws heavily on our GIN LAB wind tunnel research we are carrying out in partnership with a university here in Korea. This is a major project that has already produced some insights that are trickling down into production wings. This work helped a lot to optimise the sail tensioning, which for the pilot means improved climbing and more refined handling.

The Avid’s handling remains well balanced and efficient at a wide range of bank angles and wing loadings. It gives a feeling of stability and control, but it still provides good information on what the air is doing. This is what we consider one of the main benefits of the wing and it translates into low pilot workload. In addition, we have a smart riser with C control system. There’s an additional pulley for extra smooth





operation and a toggle for easy control. We are also using new formula plastic rods at the leading edge for greater dimensional stability, and Nitinol wire on the top surface towards the rear. The Nitinol perfectly and precisely supports the trailing edge whilst reducing weight and packing volume.

We've also been working closely with Myungjin for some time to develop robust fabrics with the precise characteristics we need. In wings such as our Fuse tandem, we've found the longevity of the fabric to be excellent even after hard seasons of tandem flying all around the world.

The Avid is our simply our answer to the pilots who wanted to experience our best performing wing in the EN B category, but whose top priority is not minimising weight.”

Gin Seok
Chief designer

DETAILS

- 3rd generation Equalized Pressure Technology (EPT) reduces wing “breathing” and improves handling and performance
- 3 risers / 3 lines spanwise
- Strategic mix of new formula plastic rods and Nitinol (Nickel titanium) wire for dimensional stability, performance and more compact packing
- Unsheathed aramid lines with optimized diameters
- Speed system with C riser steering (removable)
- Gathering (reefing) system and mini ribs on trailing edge
- Dirt release system



MATERIALS

GLIDER

Top leading edge
 Dominico 30DMF (WR) |
 Myungjin MJ40 MF

Bottom surface:
 Myungjin MJ32 MF

LINES

Top lines :
 Edelrid 8001-050 | 090 | 070 |
 130 (Aramid)

Main lines :
 Edelrid 8001-050 | 090
 | 070 | 130 | 190 | 340
 (Aramid)

GLIDER

Top surface:
 Myungjin MJ32 MF

LINES

Middle lines :
 Edelrid 8001-050 | 090 | 070
 | 130 | 190 (Aramid)

RISERS

- 12 mm Aramid & polyester

Optional:
 - Liros dyneema riser



TECHNICAL INFORMATION

SIZE	XXS	XS	S	M	L
Flat area	20.54	22.10	23.99	25.96	28.07
Flat span	11.17	11.58	12.07	12.55	13.05
Flat aspect ratio	6.07	6.07	6.07	6.07	6.07
Project area	17.48	18.81	20.43	22.10	23.89
Project span	8.92	9.26	9.65	10.03	10.43
Project aspect ratio	4.56	4.56	4.56	4.56	4.56
Cell number	59	59	59	59	59
Glider weight	4.05	4.30	4.65	4.85	5.15
Weight in flight	55-75	65-85	75-95	85-105	95-120
Certification	EN B	EN B	EN B	EN B	EN B

COLOURS



CORAL



MUSTARD

INCLUDED WITH YOUR GLIDER



Inner bag

Compression strap

GIN Stickers

Repair kit



Download the images of the Avid *Password: elcamino*



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