HGLRC Backpack B1

Backpack for FPV drones and equipment
User manual



Read this manual before first use and keep it for future reference.

Importer: Rotorama, s.r.o. · www.rotorama.com

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1. Product description

1.1 What the backpack is for

HGLRC Backpack B1 is a medium-sized backpack designed for FPV drone pilots and photographers. The inner compartments comfortably hold a radio transmitter, FPV goggles, a charger, batteries, spare propellers, tools and smaller drones, and drones that do not fit inside can be strapped to the outside. A separate laptop compartment is located in the back section.

The main fabric of the backpack is splash-resistant and the zippers are water-resistant. The padded back with ventilation channels, adjustable shoulder straps and the lumbar support make the backpack comfortable to carry even on longer hikes. The backpack is supplied as a set with a rain cover, a lumbar support and a Li-Po battery bag.



HGLRC Backpack B1 in use

1.2 Specifications and package contents

Product designation	HGLRC Backpack B1 (manufacturer: HGLRC B1 Backpack Set)
Manufacturer	HGLRC
Backpack dimensions	36 × 26 × 53 cm
Package dimensions	36 × 27 × 52.5 cm
Backpack weight	2.55 kg
Weight of the complete set	3.04 kg
Rain cover weight	72 g
Recommended load	8 kg
Main material	900D splash-resistant fabric
Zippers	water-resistant
Laptop compartment	laptop up to 16″

Package contents

- 1× HGLRC Backpack B1 backpack
- 1× rain cover
- 1× lumbar support
- 1× Li-Po battery bag



Set contents: backpack, rain cover, lumbar support and Li-Po battery bag

Not included

- Velcro patches (logo, name tag) – the backpack is supplied without them,
- drones, radio transmitter, FPV goggles, batteries, laptop or any other equipment shown in the photos.

※ The manufacturer ships the backpack randomly in an older or newer version with a different logo and packaging. Functions and specifications are identical for both versions.

2. Use

2.1 Top compartment

The top compartment is designed for a radio transmitter and FPV goggles, or a tool kit. Inside there is a smaller zippered pocket for small items – screws, tape or cable ties. A strap for securing a drone is located on the lid of the top compartment.



Top compartment with a radio transmitter and FPV goggles (equipment not included)

On the side of the top compartment there is a transparent window for a name tag or business card and a Velcro area for a patch with your own logo. The name tag helps you identify the backpack at races or when travelling.



Name tag window on the side of the backpack

2.2 Main compartment and interior layout

The main compartment opens from the side, so you can lay the backpack down and have all its contents clearly in front of you. Inside there is an adjustable, detachable strap that prevents the lid from opening completely – the lid therefore does not fall to the ground when opened.



Main compartment with dividers

Divide the interior with the repositionable padded dividers, which are held in place with Velcro. Peel a divider off, move it to the desired position and press it firmly back on. This way you create compartments that fit your radio transmitter, charger, batteries, spare propellers or smaller drones.

- Two smaller zippered pockets are located on the sides of the main compartment.
- The lid of the main compartment has another zippered pocket and a pair of open elastic pockets.
- On the inner side of the lid there are three detachable straps for securing drones – the drones therefore do not lie on the ground when the compartment is open.



Detachable straps on the lid of the main compartment

2.3 Laptop compartment and side pockets

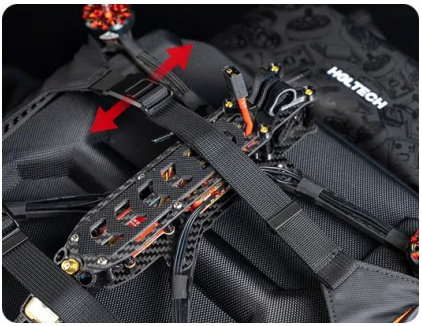
The back section of the backpack contains a padded compartment for a laptop up to 16″. On the sides of the backpack there is a strap, a zippered pocket and an open outer elastic pocket, e.g. for a water bottle.



Laptop compartment in the back section

2.4 Carrying drones on the outside

The front of the backpack has straps with quick-release buckles, described by the manufacturer as magnetic, under which you can strap drones. The straps are detachable and can be lengthened with extension straps.



Drone strapped to the front of the backpack

- Always **remove the battery** from the drone before strapping it on.
- Run the strap over a solid part of the frame, not over the propellers, antennas or camera, and tighten it so that the drone does not swing.
- Make sure that the propellers or sharp edges of the frame cannot damage the backpack fabric, you or people around you.
- Before setting off, check that all buckles are fastened.
- Straps on the bottom of the backpack hold a sleeping mat or a folding chair.

The total weight of the contents including strapped drones should not exceed the recommended load of 8 kg.

2.5 Carrying, shoulder straps and lumbar support

The back of the backpack is reinforced and has ventilation channels. The shoulder straps are adjustable and detachable.

- Put the backpack on and tighten the shoulder straps so that the top edge of the backpack is approximately at shoulder height and the backpack sits close to your back.
- Attach the lumbar support to the lower part of the back panel as shown in the picture, fasten the buckle in front of your body and tighten it so that your hips carry part of the weight.
- Place heavier equipment in the main compartment as close to your back as possible, and lighter items at the top and in the side pockets.



Back panel with the lumbar support attached

2.6 Rain cover

The fabric and zippers of the backpack resist splashing water, but the backpack is not waterproof. In the rain or when walking through wet vegetation, pull the supplied rain cover over the backpack. The elastic edge of the rain cover keeps it in place. Never immerse the backpack in water.



Rain cover outside and inside

2.7 Li-Po battery bag

The manufacturer describes the supplied bag as protective (explosion-proof). It is used for carrying and storing Li-Po batteries and reduces the consequences of a possible cell fire, but it does not eliminate the risk completely.

- Carry and store batteries at the storage voltage of **3.8 V/cell**; carry fully charged batteries (4.20 V/cell for Li-Po, 4.35 V/cell for LiHV) only shortly before flying.
- Do not put damaged, swollen or punctured batteries in the bag or in the backpack.
- Do not charge batteries in the bag unattended and do not leave the bag in direct sunlight or in a hot car.
- Place the bag with batteries in the backpack so that no sharp objects press on it.
- Before travelling by plane or other public transport, check the carrier's rules for transporting lithium batteries.

2.8 Care and storage

- Remove dirt with a brush or a damp cloth, if necessary with a little mild soap. Do not use solvents or bleach.
- Let a wet backpack dry naturally at room temperature with the pockets open, away from heat sources and direct sunlight. Dry the rain cover before storing it as well.
- Keep the zippers free of sand and dust; never force a zipper.
- Store the backpack dry, in a dry and ventilated place. Do not store batteries in it for long periods.
- Check the straps, buckles and seams before each use. Do not use a damaged strap or buckle to secure a drone any more.

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal

- The product contains no electrical or electronic components or batteries and is not subject to the take-back of electrical equipment.
- At the end of its service life, place the backpack, rain cover, lumbar support and battery bag in a textile collection container or take them to a collection yard in accordance with your municipality's rules. A backpack that is still usable can be donated for further use.
- Sort the packaging material by type (paper, plastic) into the appropriate recycling containers.
- Before disposal, remove all batteries and electronics from the backpack – these belong at collection points for batteries and electrical equipment.
- The waste management regulations of the country in which you use and dispose of the product are decisive.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.