

GEAR LIST

ADVANCED SIDEMOUNT CAVE DIVER COURSE

SIDEMOUNT SYSTEM

1x sidemount harness with crotch strap and wing

- with loop bungees (attachment cannot be the shoulder D-rings) or with continuous bungee (clipped to D-rings)
- 2x low profile D-rings on the waist on either side or sliding D-rings (we dive aluminum cylinders)
- 1x low profile D-ring on each shoulder

1x sidemount pouch (with 2x double-ended bolt snaps) or drysuit thigh pockets

1x helmet

- mount for primary light on the left side (Razor mount recommended)
- 2 backup lights attached on the right side (alternatively the second one can go in the pouch)

REGULATOR SYSTEM

1x DIN regulator first stage with 5th port swivel turret on the left side equipped with:

- 1x balanced regulator second stage
- 1x LP short hose (approx. 55-63cm / 22-25in, appropriate length depends on the diver)
- 1x necklace (3 or 4mm shock cord) or independent bungee necklace with a clip on the regulator's second stage
- 1x 90° elbow LP adaptor
- 1x LP inflator hose for the wing (appropriate length depends on the wing's corrugated hose and the diver)
- 1x HP hose (10 to 15cm / 4 to 6in) with 1x SPG (black face recommended / bar or PSI, but same on both sides) or transmitters (in this case, a "pin" or "mini" SPG is recommended)

1x DIN regulator first stage with 5th port swivel turret on the right side equipped with:

- 1x balanced and reversed (hose coming from the left) regulator second stage and equipped with a small clip
- 1x LP short hose (approx. 55-63cm / 22-25in, appropriate length depends on the diver)
- 1x 90° elbow LP adaptor
- 1x LP inflator hose in case of drysuit configuration (appropriate length depends on the diver)
- 1x HP hose (10 to 15cm / 4 to 6in) with 1x SPG (black face recommended / bar or PSI, but same on both sides) or transmitters

Note in case of drysuit configuration:

In a drysuit configuration, the left regulator is equipped with the drysuit's inflator hose, and the right regulator with the wing's inflator

LIGHTING SYSTEM

1x primary canister light with cord length appropriate for sidemount or handhold light equipped with a bolt-snap

- approx. 4 hours burn time (min. 1.5x planned bottom time) / min. 1200Lu output

2x low profile backup lights equipped with a small bolt-snap clip

- approx. 3 hours burn time (min. 1.5x planned bottom time) / min. 600Lu output

Note in case of using a goodman handle:

We strongly recommend the use of the Razor mount as a goodman handle for its versatility. Most importantly if using the helmet.

THERMIC PROTECTION AND OTHER EQUIPMENT

- full wetsuit (min. 5mm) or drysuit with hood
- dive booties (rock boots recommended)
- 2x masks (low profile, opaque skirt, and frameless recommended)
- 1x pair of fins (open-heel, no split, nor free dive, nor force fins, low profile straps)
- 2x 37m / 125ft safety lines (finger spools, no reels, line gauge from 18 to 21)
- 2x line cutters (seahorse or U shape, no knives, no scissors)
- 1x nitrox computer
- 1x backup dive computer or bottom timer
- 1x wrist compass (or integrated in the dive computer)
- 1x wrist slate (3 pages) or wet notes
- 1x navigation kit (w/ 5 arrows and 5 cookies)
- 1x backup navigation kit (w/ 3 arrows)
- 3x jump lines (finger spools, no reels)
- 1x 120m / 400 ft primary reel (sidewinder recommended)
- 1x backup fin's strap
- 1x backup mouthpiece
- 1x backup double-ender
- 10x strong cable ties
- 5x hose retainers for 11L cylinders
- 1x backup continuous bungee (continuous shock cord with 2 bolt-snap clips)
- 1x multi-tool (for hoses, plugs, and hand-wheel)
- 1x HP plug and 1x LP plug
- 1x complete hand-wheel (w/ washer, spring, and screw)
- 1x additional short LP inflator hose (in the pouch)
- 1x air gun