

CYPRES 2

THE LIFE SAVING DEVICE

CYPRES 2 combines tried and true quality and reliability with new technology, achievements and discoveries made since 1991.



New features:

- Water-resistant up to 15 minutes at a depth of 15 feet (5 meters) in fresh and salt water.
- Power supply is maintenance-free for the user. No need to observe a battery replacement date, record the number of jumps made, monitor the voltage during self-test, watch for a 'low bat' sign, purchase a battery or have a rigger open or repack the reserve for this reason. No one has to pay attention to the power supply.
- Unit serial number accessible from the display.
- Next maintenance due date accessible from the display.
- Reminds you when the maintenance date becomes closer.
- Small and light.
- Extremely robust casing.
- Rounded corners and edges.
- Wide maintenance window: +/- 6 months after 4 and 8 years from month of manufacture, no downtime during the busy part of the year regardless of month of manufacture.

Optimized features:

- Self-test is completed in 10 seconds.
- Changing altitude reference – same procedure but quicker to do.

Proven features:

- activation altitudes
- activation velocities
- altitude reference adjustment
- always actual ground level by automatic compensation of weather related air pressure changes
- user interface (single push button)
- loop cutting system
- CYPRES closing loop system
- 14 hours run time
- factory integrated set-up in the rig

Usage:

- After purchase, put it into your CYPRES-ready container and forget about it for 4 years*
- Then have the maintenance done and forget about it for another 4 years.*
- Then have another maintenance done and forget about it for another 4 years.*

* Except for switching it on at the beginning of the day, and changing the filter after a landing in water.

Installation:

- All new rigs are CYPRES ready!

Since 1994 all major parachute rig manufacturers around the world have incorporated the spandex pouch which accommodates the CYPRES unit, the plastic pocket for the control unit, and the channels for the unit cables as a standard. These integrated installations are a co-design between the rig manufacturers and Airtec, and are tested and approved by both.

Handling

- Set it and forget it!

The use of an Expert CYPRES does not restrict skydiving in any way. The handling of CYPRES is extremely simple. It requires only one switch-on procedure per day done prior to the first jump of the day. Only if you have left the dropzone, should you repeat this procedure before the next jump. That's it! No switch-off is necessary at the end of the day.

Changes in air pressure caused by the weather are taken care of automatically. If you want to jump into a DZ of another elevation, you can easily program this into the CYPRES unit. Simply hold the button during the switch-on procedure until you see the required altitude difference on the display.

You do not see, hear or feel this equipment, and it will not affect you unless you are extremely close to the ground and still in freefall. Only then it comes into play, cutting your reserve container closing loop, allowing your reserve to deploy. That is its only task. This little job, though, has saved hundreds of skydiver's lives - skydivers of all experience levels.

Maintenance / Lifetime / Reliability

- Yes!

Based on the experience of producing 80,000 high-tech AADs and servicing them for 12½ years in a way that not one has ever refused to fire when it should, there is a maintenance necessary 4 years after production and 8 years after production and the lifetime is 12 years + six months.

We always endeavor 100% and do not want to lower the standard.



Technical Data

Data common to Expert, Tandem, and Student models:

- Length, width, height of the processing unit: approx. 85 x 43 x 32 mm
- Length, width, height of the control unit: approx. 65 x 18 x 6,5 mm
- Length, diameter of the release unit: approx. 43 x 8 mm
- Cable length of the release unit: approx. 500 mm
- Storage temperature: +71° to -25° Celsius
- Working temperature: +63° to -20° Celsius *
- Maximum allowable humidity: up to 99,9 % rel. humidity
- Water resistant: up to 15 minutes at depth of 15 feet
- Altitude adjustment limits: ±1500 feet or ±500 m
- Operating range below / above sea level: -1500 feet to +26,000 feet (-500 m to +8000 m)
- Functioning period: 14 hours from switch-on
- Power supply: lifetime warranty**
- Maintenance: 4 and 8 years +/- 6 months from date of manufacture
- Total lifetime: 12 years + 6 months from date of manufacture***

* These temperature limits do not mean the outside (ambient) temperatures but rather temperatures inside the processing unit. Therefore, these limits won't have any meaning until the processing unit itself has reached the temperatures in question. In actual fact, these limits will rarely be reached due to the mandatory location of the CYPRES in the reserve container, and the insulating properties of the processing unit pouch and parachute canopies.

** If required maintenance has been performed.

*** Anticipated, according to the present knowledge base.

Special data for EXPERT CYPRES 2:

- Cable length of control unit: approx. 650 mm
- Volume: approx. 139 cm³
- Weight: approx. 182 grams
- Activation altitude: approx. 750 feet (225 m)
- Activation speed: approx. ≥ 78 mph (35 m/s)

Special data for TANDEM CYPRES 2:

- Cable length of control unit: approx. 650 mm
- Volume: approx. 139 cm³
- Weight: approx. 182 grams
- Activation altitude: approx. 1900 feet (580 meter)
- Activation speed: approx. ≥ 78 mph (35 m/s)

Special data for STUDENT CYPRES 2:

- Cable length of control unit: approx. 1000mm
- Volume: approx. 144 cm³
- Weight: approx. 199 grams
- Activation altitude: approx. 1000 / 750 feet
..... (approx. 300 / 225 m)
- Activation speed: approx. ≥ 29 mph (13 m/s)

Version

order number

- EXPERT CYPRES 2 1-pin feet 3121000
- EXPERT CYPRES 2 2-pin feet 3122000
- EXPERT CYPRES 2 1-pin meter 3111000
- EXPERT CYPRES 2 2-pin meter 3112000
- TANDEM CYPRES 2 1-pin feet 3321000
- TANDEM CYPRES 2 2-pin feet 3322000
- TANDEM CYPRES 2 1-pin meter 3311000
- TANDEM CYPRES 2 2-pin meter 3312000
- STUDENT CYPRES 2 1-pin feet 3221100
- STUDENT CYPRES 2 2-pin feet 3221200
- STUDENT CYPRES 2 1-pin meter 3211100
- STUDENT CYPRES 2 2-pin meter 3212100

Please feel free to contact us,
if you have any questions or require further information:

Airtec GmbH
Mittelstr. 69
D-33181 Bad Wünnenberg
Tel.: +49 2953 98990
Fax: +49 2953 1293
www.cypres.cc