

The Military CYPRES 2 family is the next generation of the Military CYPRES line of parachute AADs (Automatic Activation Devices), combining tried and true quality, reliability, and core technology with an advanced hardware platform. Enhancements include:

- Water-resistant for 15 minutes at a depth of 15 feet (fresh or salt-water)
- Maintenance-free power supply - no need for user record keeping, purchase, or replacement
- Device serial number and maintenance due date accessible from the external display - automatic reminder of next maintenance
- Robust, reinforced case - small size, light weight
- Flexible maintenance schedule (+/- 6 months) from month of manufacture

Parameters proven by more than 12 years experience in 42 Countries remain the same with Military CYPRES 2:

- Adapted to all military operational requirements and tactical applications, as well as training scenarios
- Simple, 1-button user interface
- Fast (10 second) self-test: complete functional test with good-to-go indication - performed during switch-on and setting
- Automatic switch-off after 14 hours
- Low maintenance cost and down-time
- U.S. And Europe based Service and Support
- Training seminars / classes, PC-based training tools, web based:
- Setting tools: Circular calculator, PC-based, web-based, PDA-based
- Dual operating modes take into account all the different needs and applications required by Military users:
 1. Training mode is ideal for use on the local dropzone. While in Training mode, Military CYPRES 2 works with the simplicity ("set it and forget it"), and ease of operation of the sport model CYPRES family:
 - No calibration necessary
 - Automatic weather adjustment without user interaction
 - No need to switch off after landing
 2. Tactical applications and remote jumps: the Military CYPRES is used in 'Operational' mode, so that all requirements of 'Training' mode (and sport CYPRES units) are overcome. Any activation altitude can be programmed, while on the ground, or in-flight - even in a pressurized cabin.
 - Adaptive activation velocity (increases with altitude, based on terminal velocity)

Technical data for all Military CYPRES 2:

Length, width, height of the processing unit	approx. 3 1/3 x 2 2/3 x 1 1/4 inch (85 x 43 x 32mm)
Length, width, height of the control unit	approx. 2 1/2 x 3/4 x 1/4 inch (65 x 18 x 6.5mm)
Length, diameter of the release unit	approx. 1 5/8 x 3/8 inch (43 x 8.0mm)
Cable length of the control unit	approx. 47 1/3 inch (1200mm)
Cable length of the release unit	approx. 20 inch (500mm)
Volume	9,15 cubic inch (150 cm ³)
Weight	7,44 ounces (210 grams)
Storing temperature	+160° F to -58° F (+ 71° to - 50° centigrade)
Storing pressure	200 to 1075 hPa (5,906 to 31,745 In.Hg)
Working temperature	+145° F to -25° F * (+ 63° to - 32° centigrade *)
Maximum allowable humidity	up to 99,9 % rel. humidity
Waterproof	up to 15 minutes down to a depth of 15 feet
Altitude adjustment range according	200 to 1075 hPa (5,906 to 31,745 In.Hg)
Operating range above sea level	- 1600 feet to + 65500 feet
Functioning period	14 hours
Power supply	lifetime warranty**
Maintenance	4 and 8 years from date of manufacture
Total lifetime	12 years 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 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 the 1000/35 A CYPRES:

Activation altitude	approx. 1000 feet
Activation speed	approx. 78 mph at sea level

Special data for the 1500/35 A CYPRES:

Activation altitude	approx. 1500 feet
Activation speed	approx. 78 mph at sea level

Special data for the 1900/35 A CYPRES:

Activation altitude	approx. 1900 feet
Activation speed	approx. 78 mph at sea level

Special data for the 2500/29 A CYPRES:

Activation altitude	approx. 2500 feet
Activation speed	approx. 65 mph at sea level

