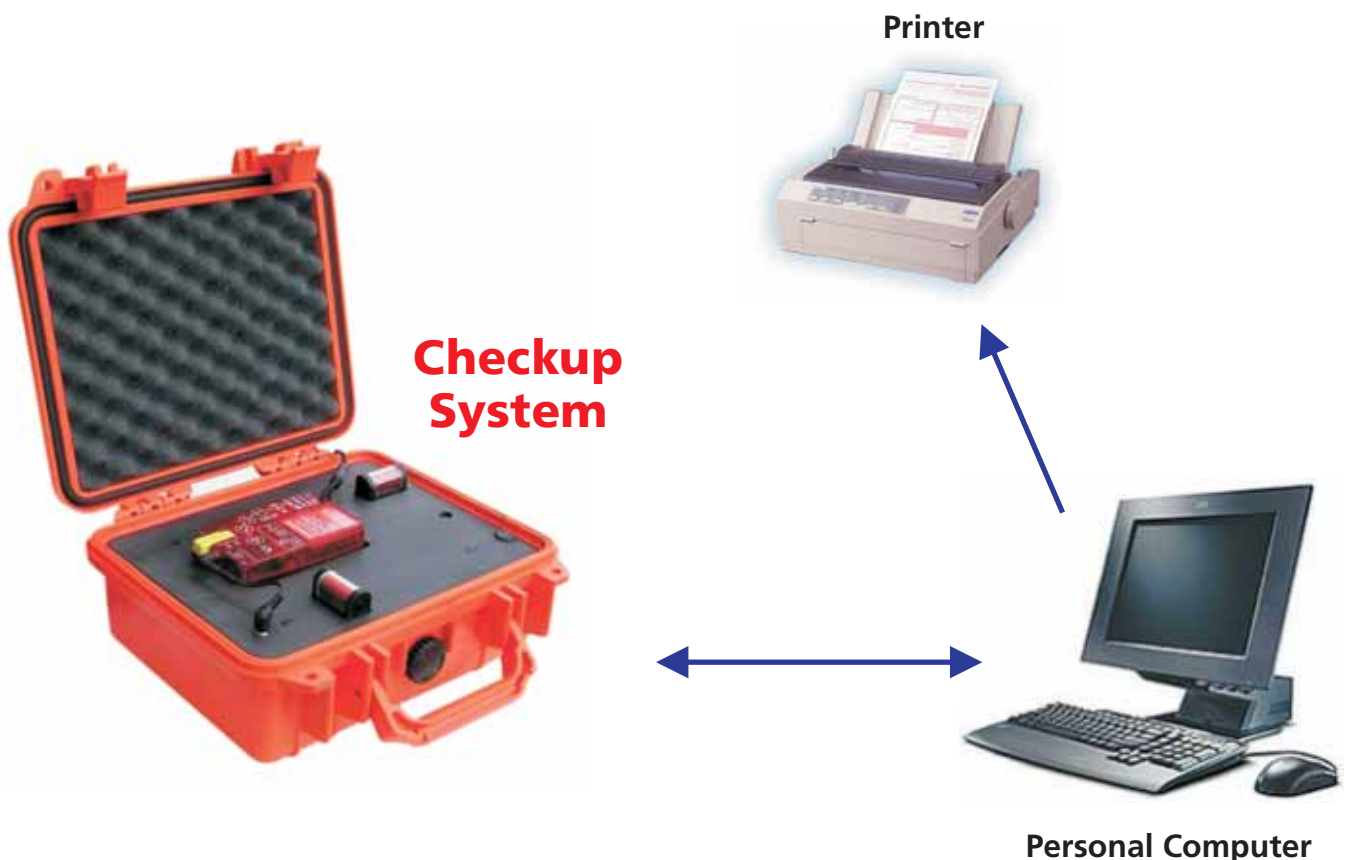


Checkup System CS 3000

the versatile test and configuration station
for the **Mammut Barryvox (OPTO 3000)**



Main features

- Quick check including battery status check
- Complete functional test
- View, modify and lock configuration settings
- Test results available in print or on file
- Comfortable user interface

Checkup System for the Mammut Barryvox

The Mammut Barryvox digital avalanche transceiver is a powerful high technology device. Besides operation as a transmitter, it provides the facilities for various search techniques. It is well suited for the novice as well as for the professional due to its configurability. Therefore, functional checking and controlling the configuration parameters are important features in many areas of use, such as ski lodges, helicopter skiing operations or sports stores.

The new checkup system CS 3000 offers an efficient and affordable approach to meeting those needs. The infrared communication interface, which is built into every Mammut Barryvox, provides access to the transceivers's electronic circuits without opening the case or using any cable connections. The following operations can be performed from an easy to use Windows® user interface:

Quick Check (Duration approx. 10 sec.)

The quick check is identical to the self test which is executed automatically when the Mammut Barryvox is powered on. It verifies the the correct functioning of the majority of the circuits. The test result, including the battery status and the current configuration parameters are shown on the screen, one line per beacon. This information can be printed out or saved to a file if so required.

Functional test (Duration approx. 1 Min.)

A functional test covers the following items:

- Transmitter frequency and power
- Digital receive mode, including distance and direction indication and acoustic signal
- Analog receive mode (sensitivity and acoustic signal on speaker and on headset connector)
- Headset connector, speaker, transmit check LED
- Antenna alignment

The test results are shown on the display. All checks are itemized, including the serial number of the beacon and the test date. The test report may be printed (one page per beacon) or saved to a file.

Configuration

The configuration feature is only available on selected testers which must be explicitly authorized. The configuration menu provides the following functions:

- Display of current transceiver settings
- Configuration modification by means of pull-down menus
- Presetting a default configuration for programming
- Programming three levels of access to the transceiver's configuration settings: **Professional** (no restrictions), **Standard** (partial restrictions), **Locked** (configuration not accessible to the user)



Technical data

- PC requirements:
- Pentium Processor 133 MHz
 - 32 MB RAM
 - WIN 9x/NT4/2k/ME/XP
 - 1 COM Port
 - Printer (optional)
- Device Versions:
- Functional test: all versions
 - Quick check: V4 oder higher
 - Configuration: V5 oder higher
- Packaging: The CS 3000 checkup system comes in a rugged plastic case
- Dimensions: approx. 280 x 250 x 125 mm
- Weight: approx. 2 kg
- Deliverables:
- Tester CS 3000
 - RS232-Cable (DSub 9-pol male)
 - Socket power supply 110/240 Vac
 - PC Software for Win 9x/NT4/2k/ME/XP

Please note:

- The functional test provides a snapshot of the current state of a beacon. It does not make any prediction about future performance.
- The functional test includes manual and visual checks which must be done by the operator during the testing sequence. The reliability of the final result is depending on those operator checks.
- The full quality of the functional test is only achieved if the electromagnetic noise in the testing environment is below certain limits. If there is too much interference, a test will therefore be rejected.
- This information is subject to modification without notice.



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