

PULSE *Barryvox*®

easy.fast.effective



MAMMUT

PULSE Barryvox – Made in Switzerland

Ours is a rich and proud heritage. Mammut and Barryvox follow the time-honored tradition of having its world-class precision products made in Switzerland. This also holds true for our newest innovation, the PULSE Barryvox, which from its design to its engineering and production is completely Swiss-made.

World first I: Detection and transmission of vital data, allowing effective pre-excavation triage

World first II: Permanent 360° direction display leads you directly to the buried subject

World first III: First and only 3-antenna transceiver with digital and analog modes

Secure and comfortable carrying system for all users

Improved Digital Signal Processing (DSP) in order to distinguish multiple signals

Scalable software platform: Updating is easy via the W-Link

Intelligent group check

Technical features

Type: digital/analog transceiver
with 3 antennas

Transmit frequency: 457 kHz

Batteries: Alkaline: 3 x AAA 1.5 Volt

Battery life: min. 200 h

Maximum range: > 60 m

Search strip width: 40 m

Dimensions: 113 mm x 75 mm x 27 mm

Weight: 210 g (incl. batteries)

Warranty: 5 years,
worldwide service network

Technical specifications are subject to
change without notice



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easy

Giving clear instructions – the PULSE Barryvox leads you to the right spot easily and quickly.



Little time for rescue

Within 20 minutes, you should rescue the surviving members of your party from the life-threatening situation – afterwards the chances of survival dwindle rapidly! In order to meet such demanding requirements, you need to rely on a transceiver that locates quickly and precisely, that you can operate easily, read clearly, and understand unambiguously.



Sophisticated user interface

The PULSE Barryvox provides a clear, functional user interface. Its glove-operable push buttons and logical user menu help you to take the correct action even when under stress.

Display

Buried subject:

being searched for by the user



with status unknown



with vital signs detected

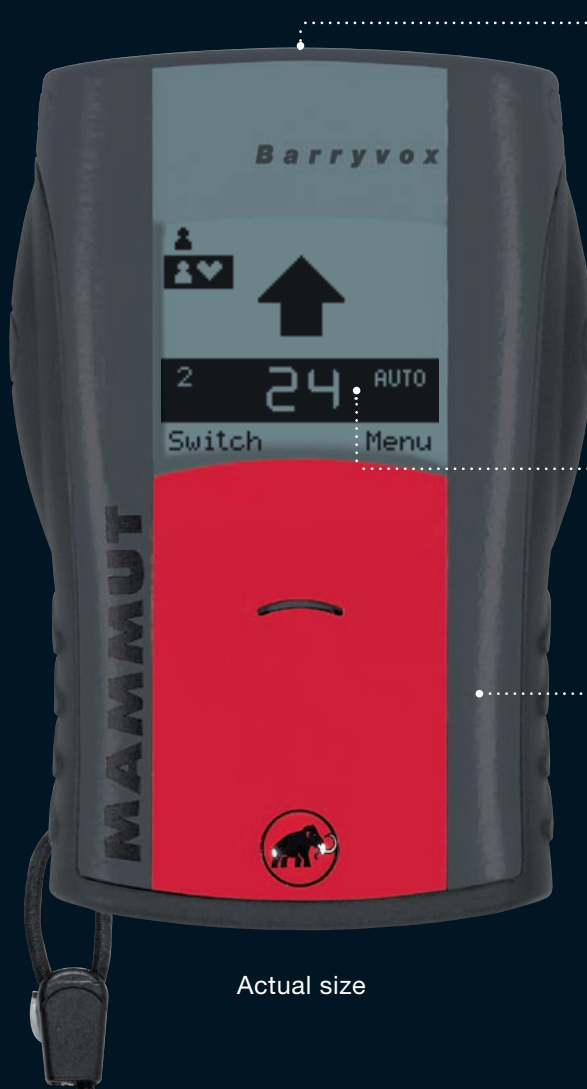


is already being searched for by someone else



has been marked as found





Actual size

1

Easy and secure switching between ON, SEND and SEARCH

2

Glove-operable push-buttons for user menu control

3

Clearly understandable and legible display, even in intense sunlight

4

Waterproof and shock-resistant casing

5

Secure and comfortable carrying system



fast

360° direction-display and three-antenna technology lead you quickly and precisely to the rescue.



360° Display

The PULSE Barryvox is the first and only avalanche transceiver with a permanent 360° direction indicator: the navigation arrow always gets you on the right track, even if you happen to be moving away from the buried subject. **1**



Three Antennas

The three antennas guarantee highest precision in pinpointing: thanks to a 3-dimensional measurement, the PULSE Barryvox is even able to locate deep burials precisely and reliably.





Pinpointing

Especially during the pinpointing phase, the PULSE Barryvox lets you save time – within 3 meters, bracketing occurs easily, rapidly, and very precisely: with the help of sensors the position of the buried subject is calculated, while the directional arrow **2** leads you exactly to the probing location.



effective

The display of vital data saves critical time in the rescue of survivors.



Overview in multiple burial situations

The PULSE Barryvox analyzes all the signals and associates them with their respective sources. In doing so, it displays all the information about the buried subjects: At the touch of a button, you can view each subject's information and gain an overview of his or her burial location.

The PULSE Barryvox indicates from whom vitals are being received [1], from whom no vitals are being received [2], who is being searched for by another PULSE Barryvox user [3], and who has already been marked as found. [4]





Easy search

The PULSE Barryvox selects the closest buried subject and leads you directly to his or her location with the directional arrow and the distance indicator. Within the last three meters, the directional arrows assist you in the exact pinpointing.



Marking of located subjects

Once the first buried subject is found and the probe pole is inserted, you mark the subject with an easy menu command – the PULSE Barryvox automatically selects the next closest buried subject. While another rescuer digs out the first subject, you can immediately start searching for a further subject.

