

SWISS MADE 

PULSE Barryvox[®]

easy.fast.effective



MAMMUT

ENGLISH

Save time, save lives.



Mammut has developed a revolutionary device that helps you save time and lives when rescuing avalanche victims:

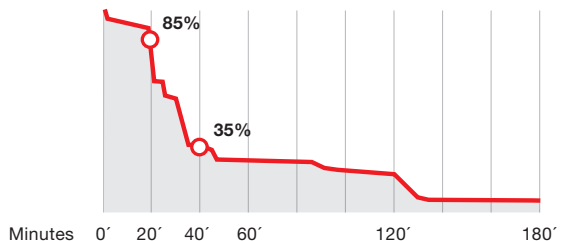
The PULSE Barryvox® has received the ispo Outdoor Award and Volvo Design Award, and is noted for its advanced technology and ease of use. The fully graphic display, a 360-degree direction arrow, and the transmission of vital data ensure the quick, simple and effective rescue of avalanche victims.

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The first 20 minutes are critical when rescuing someone buried in an avalanche. Chances of survival are still around 85% – afterwards these chances decrease drastically. On the other hand, the search for and rescue of a single avalanche victim takes 20 minutes on average.

With this in mind, it is clear how precious time is and how invaluable the PULSE Barryvox® can be.

Chances of survival



Source: Brugger H., Durrer B., Adler-Kastner L., Falk M., Schirky F. Field management of avalanche victims. Resuscitation 2001;51:7-15 with the kind permission of Elsevier Science



[Photo: Patrice Schreyer]



easy



Little time for rescue

You should be able to rescue the surviving members of your party from the life-threatening situation within 20 minutes – afterwards their chances of survival dwindle rapidly!

In order to accomplish this, you need a simple search device that is easy to understand.

Easy operation thanks to clear instructions.



Well thought-out operation

The operating paradigm of the PULSE Barryvox® offers you clear key assignment, ergonomically-designed push buttons that can be used while wearing gloves, and a logical user interface – a concept that can be used intuitively and properly, even in stressful situations.

1

Simple and secure switching from OFF to SEND and SEARCH

2

Push button operation – ideal when wearing gloves

3

Clear and easy to read display – even in bright sunshine

4

Waterproof and shock-resistant casing

1

2

2

3

4

Picture shows
actual size



fast



360-degree display

The PULSE Barryvox® is the first and only avalanche transceiver with a 360-degree directional display: The navigation arrow points you in the right direction, even if you happen to be moving away from the victim. 1



1



Quick and precise locating thanks to 360-degree display and 3 antennas.



Three antennas

Thanks to its 3 antennas, the PULSE Barryvox® ensures simple, precise and quick pinpointing, even of persons buried deep in the snow.



Pinpointing

The location of avalanche victims to within 3 meters is easy, quick and very precise: Its acoustic search support, active distance display and multi-direction arrow all guide you quickly and precisely to the buried victim. 2



effective

Save time with a clear overview in the case of multiple victims.



Overview in the case of multiple victims

The PULSE Barryvox® analyzes all the signals and assigns them to their respective sources. This makes it possible to call up all data of the victims individually. At the touch of a button, you can view information on each victim's location.

The PULSE Barryvox® shows you the following statuses of the victims:

- 1 Condition unknown
- 2 Detectable vital data
- 3 Marked as located

The black bar tells you which victim you are currently searching for.





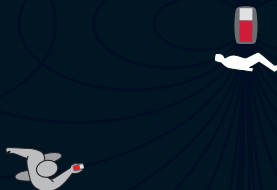
Easy search

The PULSE Barryvox® picks the closest victim and guides you directly to his or her location with the help of the direction arrow and the distance indicator. In the last three meters, the direction arrow turns into a multi-direction arrow.



Marking located victims

Once you have located a victim and placed a probe pole, mark the location on the display. The PULSE Barryvox® automatically guides you to the next closest victim. While someone else rescues the located person, you can immediately carry on searching for another victim.



Avalanche Risk Management



Mammut has been intensively engaged in «Avalanche Risk Management» [a.r.m.] for several years, and strives to increase the safety of all snow sport enthusiasts through better equipment, the transfer of expertise as well as specific training.

Avalanche Training Centers

Mammut offers you the possibility to use Training Centers to search for avalanche transmitters hidden at different depths in the snow. Avalanche Training Centers are currently available in Andermatt, Davos, Mürren, Leysin, Zinal (CH), Courchevel, La Grave and Meribel (FR).

White Risk

Mammut helped to develop the first interactive self-study media on the topic of avalanche accident prevention. Using the CD, everyone can gain valuable avalanche knowledge in a simple and entertaining way. Includes animation, photographs, videoclips and exercises. www.whiterisk.ch

Safety Days

Weekend courses are held at several winter sport resorts in Switzerland, Germany and Austria under the guidance of experienced mountain guides, who teach people how to assess risks in the alpine environment.

www.safetydays.com

[a.r.m.] Equipment

Apart from knowledge and practical experience, the equipment is the most important safety element: in addition to the PULSE Barryvox®, Mammut also offers a complete [a.r.m.] Bundle with a probe pole, avalanche shovel, rescue blanket and backpack, as well as a line of outdoorwear designed with freeriding and ski-touring in mind.



For more information on [a.r.m.], visit www.mammut.ch



[Photo: Rainer Eder]





PULSE Barryvox® – Made in Switzerland

Our heritage is compelling. Mammut and Barryvox® follow the time-honored tradition of having their 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 # 1: First 3-antenna transceiver with digital and analog modes

World first # 2: Permanent 360° direction display

World first # 3: Detection and transmission of vital data

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: 50 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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