



November 11, 2011

Mammut Sports Group
135 Northside Dr
Shelburne, VT 05482
(800) 451-5127
www.Mammut.com

Dear Mammut Partner

The Winter season is already in full swing, so we would like to take this opportunity to inform you about some new product features in our tried and true Pulse Barryvox and our new Element Barryvox beacons. Both beacons are shipping now from both our US and Canadian warehouses.

First, the Pulse Barryvox version 3.2 upgrade is now available. Consumers with older Pulse Barryvox versions 3.0 and earlier can have their beacons upgraded through participating retailers or at the US or Canadian Service Centers. Locations are available on the dealer search at the Mammut website by selecting the "Pulse Barryvox Firmware Update" checkbox.

Within the new firmware 3.2, the following functions have been implemented:

- **Directional Tones**
- **Rescue-SEND**
- **Lithium Battery Mode**
- **Screen Contrast Setting (LCD)**
- **"Airport" Fine Search mode**

The **Directional Tone** is a feature aimed at users who keep the Pulse in digital mode. As you turn the beacon a special digital tone will alert you that you are heading in the correct direction. This feature is also incorporated in the Element Barryvox so be sure to check it out.

After a dramatic avalanche accident in the Diemtigtal (Switzerland) where a group of rescuers were buried in a secondary avalanche, the **Rescue-SEND** was engineered. It provides a new "Sleep Mode" for members of the rescue team who are not performing the actual beacon search. It allows them to put their device 'to sleep' so that their transceivers do not interfere with the beacon search, but at the same time the **Rescue- SEND** mode monitors the motions of the rescuer and activates the transmitter only when the activity level of the rescuer has been on such a low level for 4 minutes that it has to be assumed this is caused by a secondary avalanche.

The **Lithium Battery Mode** as well as the **Screen Contrast Setting** are especially interesting for professionals and organizations. Lithium Batteries are considerably lighter and last much longer. They also eliminate the possibility of corrosion, which we see frequently. (Remember if ANY corrosion is ever seen at the battery terminals the unit MUST be sent in for new terminal contacts). Note that you must choose the lithium option in the settings before switching from alkaline batteries!



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The “**Airport**” fine search allows users to opt for the Landing Strip instead of the Cross in Fine Search mode—this setting can be chosen in the user settings. This is a big change in terms of how to teach beginners, no grid searching! Just go to the first lowest number and begin probing in a spiral. Beginners waste too much time with poor grid searches so this results in faster and easier searches for many people. This feature is also incorporated in the new Element Barryvox so be sure to check it out.

What does this mean for you as a retailer as well as for your customers? The firmware 3.2 provides the above new functions in addition to the functions you are already familiar with from previous firmware versions.

For updating devices you will need your W-link Adaptor and the Service Software version 3.0 which can be downloaded at the link listed below. Please note – the service software version 3.0 already has the beacon Firmware version 3.2 embedded in it, so it is no longer necessary to separately download the Service Software and beacon Firmware. Also note that older Pulse Barryvox beacons previous to version 3.0 will need to be upgraded to version 3.0 first, and then to version 3.2—you can select either firmware version in the menu of the service software.

Information, user manuals and service software can be downloaded at:
http://www.mammut.ch/de/avalanchesafety_barryvox_downloads.html

The new **Element Barryvox** beacon is also available now, and provides an extremely simple and easy to use tool for anyone who values simplicity above all else in their avalanche beacon. This new beacon provides beginners and experts alike with fast and easy searches for single or multiple burials. Be sure to check out the new **Directional Tones** and the “**Airport**” fine-search in this beacon!

If there are still questions remaining, please feel free to contact your Mammut sales representative. We wish you a safe and successful winter season!

Sincerely,
The team at Mammut