



PIEPS DSP PRO & DSP SPORT

Firmware Update

To keep your PIEPS DSP Pro, or DSP Sport beacon working at peak performance it is necessary to update your beacon to the most recent firmware.

Which firmware is the most recent?

DSP Pro and DSP Sport : Version 1.0 is the most recent firmware.

If you don't know what version of firmware your beacon currently has:

Your DSP Pro or DSP Sport will display the current software version as it is running through its self-check every time the beacon is restarted.

What is the difference between firmware versions?

Version 1.0 is the only currently available software version for the DSP Pro and DSP Sport.

Additional Features

The PIEPS DSP Pro has a few added features that the DSP Sport does not offer. This is what separates the two beacons and makes the DSP Pro more oriented towards an advanced user. What are they and how do I use them?

Frequency Check

Beacons (especially older beacons) have the possibility of experiencing frequency drift. If a beacon drifts +/- from the 457kHz then it becomes more and more difficult to find in the event of a search. The European Standard of acceptable drift is +/- 80Hz. The Pieps DSP beacon will test the frequency of all beacons regardless of manufacturer, ensuring that everyone in your group can efficiently and quickly find one another in an emergency situation.

Turn the beacon you would like to test on and place in SEND mode. Turn your testing PIEPS DSP Pro on and place in SEARCH mode. Place beacons top to top with screens facing up. Once both beacons have completed their diagnostic tests, press and hold the "SCAN" button on the searching PIEPS DSP Pro. It will then display an arrow and a number. An arrow to the left means a negative (-) deviation from 457kHz and an arrow to the right indicates a positive deviation from 457kHz. The number indicates degree of deviation.

Scan Function

This provides the searcher with an accurate indication of what he or she is dealing with upon their arrival to an event. It will indicate how many victims are within 0-5 meters, within 6-20 meters and within 21-50 meters. This is one of the crucial steps of scene assessment. Once a rescuer obtains such information they can begin to search in a rational manner. This is not a necessary step, but for someone who understands what this function entails it is a valuable tool.

The SCAN feature involves pressing one button. This will not decrease the ease of search in any means.

Equipment Search

This provides the searcher with the ability to search for non-human burials with the use of the PIEPS TX600 Device. This uses a different frequency so that you are never in the situation where you dig up equipment (dog, snowmobile, backpack) before a human. After you have found all 457kHz beacon burials, with your beacon still in SEARCH mode hold down the SCAN and ENTER button at the same time for 5 seconds.

Inclinometer

The slope's exact angle can be measured and checked regularly with the integrated inclinometer.

Hold down SCAN when in SEND mode.