

# DSP PRO/SPORT FIRMWARE v2.0

## Optimizations and new functions



### Marketing

#### 1. Advanced Beacon-Check-Function: NEW

The advanced PIEPS Beacon-Check is easy and efficient to use and checks other transmitters on their standard-compliant transmit frequency. If the transmit frequency is outside of standard, a warning is indicated on the display of the DSP PRO/SPORT.

#### 2. Selfcheck: OPTIMIZED

The already well known complete DSP Self-Check is again qualitatively improved. The limiting parameter tolerances were limited - for your own safety, even after many years of use.

#### 3. Signal Measurement and Signal Processing: OPTIMIZED

The even more accurate measurement of the transmitted signal is associated with positive effects in all parts of the search:

- The quality of the direction and distance indication on the display is perfected.
- Even old devices having continuous carriers and frequency deviations are traceable to the highest quality.
- The support for multiple burials (signal separation) has reached a unique level.
- As a consequence, also the MARK function works even more accurate.

#### 4. TX600 Support: OPTIMIZED

The maximum receiving range to our material and dog transmitter PIEPS TX600 could be increased by several meters.

#### 5. iPROBE Support: OPTIMIZED

The coordination between iProbe and DSP PRO/SPORT is now even more accurate.

### Technical Overview

List:

PIEPS DSP PRO PIEPS DSP SPORT	1.5	2.0
Advanced Beacon-Check-Function	✘	✓
Self-Check optimized	-	✓
Range optimized	-	✓
Signal measuring optimized	-	✓
Signal processing optimized	-	✓
Multiple Burial Support optimized	-	✓
MARK function optimized	-	✓
Support for old devices optimized	-	✓
iProbe Support optimized	-	✓
TX600 Support optimized (DSP PRO only)	-	✓

Classified:

Advanced Beacon-Check integrated	Check of transmit frequency + error indication
Self-Check optimized & extended	More accurate check of transmitting and receiving parameters
Signal Processing optimized	More accurate signal measuring and signal processing Multiple burial support optimized Support for old devices optimized MARK function optimized MARK limited to 5 m, warning if MARK is not possible
TX600-Support optimized	Range optimized
iProbe Support optimized	More accurate adjustment between iProbe and DSP PRO/SPORT