RELEASE NOTES ENGLISH

CU Control Unit

SW Version 1.2-5 (in delivery since July 2019) – (actual version 1.2.5.6)
Additional functions

- Added new languages: Serbian, Norwegian
- Graphic 3D plane displayed if there is no left/right information.
- New logical Software concept for the display of circle and arrows, implemented.
- CU serial number edited. Display of CU serial number at "About" in the settings.
- Headphones Philips, Peltor WS5 and HD 4.40BT (SENNHEISER) are at the top of the Bluetooth selection list.
- Overrange display deleted.
- The background noise reduction is activated by default when the speaker is selected as the audio output
  - The message "Noise suppression is now activated ..." is displayed during fault location if the speaker is selected as audio output and the background noise suppression was not activated. This has to be confirmed by "ok". Operating the speaker without noise suppression may result in a direct acoustic feedback.
- The Bluetooth connection between CU and AGP has been improved in several points.
- LED response of the CU has been adapted.
  - The LED at the CU indicates now the following operational states:
  - 🔵 o   (Flashing): The CU is in the Bluetooth® coupling mode (Pairing).
  - 🟢 o   (Continuous): The CU is on and coupled with Bluetooth® devices.
  - 🟡 o   (Continuous): The AGP is in the mute mode (Sound OFF).
  - 🔴 o   (Continuous): The turn OFF process is running.
- Left / right information will be displayed even if no distance can be determined.

Bugfixes

- Headphones connect automatically after a pairing even if the speaker is selected as the audio output.
- Magnetic and Acoustic Bargraph scaling improved.
- Fine-tuning of date displays.
- LED will not be Green if no connection with Audio Device is established.
- No audio device is displayed if headphones are selected as output and their MAC address has not yet been saved.
- The Speaker is not displayed if AGP has not been connected.
- The connection to the headset is disconnected when the device tries to pair with a non-audio compatible device.
- Loudspeaker icon will disappear when headphones are selected as audio output
- AGP and headphone icon disappears if a wrong device is paired instead of AGP.

SW Version 1.2.2 (in delivery since April 2018)
Intermediate version that eliminated some urgent problems, especially with Bluetooth communication. Details are listed as contents of 1.2-5.

SW Version 1.2.1 (in delivery since Mid of September 2018)
- New language: Chinese
- Several Bugfixes in the SVP Module

SW Version 1.2.0 (in delivery since Mid of September 2018)
- Led Implementation CU:
    - Green: Ready for measurement
    - Yellow: Mute, New measurement location
    - Flashing blue: Bluetooth search, no connection with AGP,
    - Headphone /Loudspeaker or SVP
    - Violet: Power on process initiated
    - Red: shutdown process
- Shutdown Trigger CU increased to 2 seconds.
- New SVP Functions and Icons for MAN/AUTO
- Manual SVP Gain setting by rotary encoder
- Battery Warning for AGP und UI implemented
- Sound output: 85 dBa/Mute/Normal toggle selection by pressing the rotary encoder.
- Display of Bluetooth list improved (more Stability of the display)
- Process of Bluetooth-search improved: New found devices are immediately shown.
- Connection trials are aborted during Bluetooth search mode.
- Maintenance of the Bluetooth connection through various provisions.
- Timing of the Bluetooth-Process improved.
- Setup Arrows (up, down) improved (touch field assignment)
- Distance display always with one comma
- New language: Hungarian
- Battery type AGP corrected.
- Volume adjustment in Mute Mode disabled
- Several other Bugfixes

Improvements and Bug fixes of Version 1.1-618 (in delivery since Mid of July 2018)
- Waiting symbol implemented (Rotating circle during Bluetooth search)
- BAUR AGP appears at the top of the AGP Bluetooth list.
- Philips devices are displayed at the top of the headphones Bluetooth list.
- Scanning process stops repeating if an already selected device is found. The Bluetooth list becomes more consistent.
- New languages: Portuguese, Czech, Polish.
- Scale pinpointing: better resolution
- Bugfix: Device names are displayed completely
- Bugfix: The charging status of AGP and CU are synchronized with the AGP and CU icon.
- Several other Bugfixes

AGP Acoustic Ground Probe

<u>SW Version 1.2-5 (in delivery since July 2019)</u>
Additional functions
- LED response of the AGP has been adapted.
  The LED at the AGP indicates now the following operational states:
  - ○ (Flashing): The CU is in the Bluetooth® coupling mode (Pairing).
  - ○ (Continuous): The CU is on and coupled with Bluetooth® devices.
  - ○ (Continuous): The AGP is in the mute mode (Sound OFF).
  - ● (Continuous): The turn OFF process is running.
  - ○ (Continuous): Power ON process initiated

Bugfixes
- If the AGP is turned off and on again in operation, the AGP will re-connect automatically to the headset.
- Bluetooth initialisation improved
- Signal processing improved for faults which do not break down at every discharge

<u>Version 1.2.4 (in delivery since end of January 2019)</u>
- Recognition of the audio signal improved to prevent phantom breakdown noises

<u>Version 1.2.3 (in delivery since end of November 2018)</u>
- Support of the new Sennheiser Headphone
- Elimination of sporadic interfering noises in the Bluetooth headphone transmission.
- Improvement of the muting function when lifting the AGP

<u>Version 1.2.2 (in delivery since October 2018)</u>
- False Trigger: Max Gain Magn. Signal decreased
- Audio Signal Recognition: Threshold increased

<u>Version 1.2.1: (in delivery since End of September 2018)</u>
- Elimination of sporadic interfering noises in the Bluetooth headphone transmission.

<u>Version 1.2-0: (in delivery since Mid of September 2018)</u>
- Solution of data conversion problem (false acoustic noise)
- 85 dBa limiter improved
- New, better recognisable definition of LED indication (equal to CU)
  - Green: Ready for measurement
  - Yellow: New measurement location found (linked to mute)
  - Flashing blue: no connection with AGP, Headphone/Loudspeaker or SVP
  - Violet: AGP Power on process initiated
  - Red: shutdown process

- Increase of output buffer size to prevent the „audible Click" after the breakdown
- Audio output will only be activated, if an audio signal was recognised. Prevents virtual breakdown noises.

Please Note that the delivered rechargeable Batteries need to be inserted into the units and charged before the first use. This information will be provided with a separate paper in the transport cases. However, it may be convenient for you to pass this information with the handover to avoid questions.

Version 1.1-252: (in delivery since Mid of July 2018)
- Bluetooth connection Headsets: Pairing List was deleted after 10 seconds if no connection could be detected.