NAGRA-LB SOFTWARE BULLETIN V1.127 Build 2011.07.12

Changes from V1.002 to V1.007

New features

- Possibility to modify the size of an inserted audio section in the editing field with SHIFT + F1/F2 and jog wheel move if the play head is placed on the insert marker.
- The indexes in the directory are now sorted.
- EDL files have now the extension of xxx-01.edl
- New folders can only be created in the root and no longer in existing folders.
- During Bluetooth pairing entering the password can now also be selected via the jog wheel.

Bugs

- Reduction of the flickering of long file names during scrolling.
- Accidently low battery alarm from time to time improved.
- The output level menu shows now +6dBu, +12dBu and +15dBu.

Important

Beware that MP3 can not be edited. Editing for 44.1 kHz has been cancelled.

Changes from V1.007 to V1.010 (V1.008, V1.009 not released)

New features

- Low battery voltage. The power off value 8.4 V has been changed to 7.2 V. Beware that machines with serial numbers below 910920026 also need a hardware modification (2 resistor values).
- Headphone & speaker output level. This has been increased by +9 dB
- The Mono / Stereo switch for the headphone is now a toggle switch. At power on, the headphone output will always be in stereo mode. A single press on the switch brings and keeps it in mono; a second toggle brings it back to stereo. ST or MON is shown in the display on the left side of the input selection icon.
- The STOP position is now working as a pause mode. During the pause mode the pause position can be modified with the jog wheel.
- The file size is now added in the directories.
- Templates can now be saved or loaded from the CF card (Text file).

Bugs

- Long file recording. When a file reaches a size of 2GB, it will be closed and a new seamless recording file is started.
- 8 GB & 16 GB cards are now correctly recognized concerning the remaining time.

- Mac recognizes now both memories (CF & Nandflash) from the LB.

Changes from V1.010 to V1.014 (1.011, 1.012, 1.013 not released)

New features

- Sub-window with level indication. When turning the sensitivity potentiometers a sub-window appears indicating the dBspl level.
- Bluetooth name. An additional menu is added in Communication, permitting the change of the default Bluetooth name.
- Pre-record buffer indication. When the pre-record buffer is turned on and the machine is in TEST position, the red record led starts blinking slowly.
- Limiter. A LIM text has been added to the display if the limiter is turned on.
- Headphone Stereo / Mono. ST / M text has been added to the display indicating if the headphone is in stereo or mono mode.
- RAW files recorded on the LB can now be edited but without showing the waveform (replaced by a simulated piece of tape).
- Night Mode. Is a new sub menu that turns off the potentiometer LED's immediately when going to the record position. The display turns off in record after 5 seconds. Touching any of the pots or switches will turn on the display for 5 seconds longer.
- Host USB. It's now possible to record as well on a USB memory stick and in the close future on a USB HDD. Beware that this application is not yet fully save.

Bugs repaired

- When changing the red Led Level, the scaling numbers (db's) will not change anymore.
- 2 GB files. They are now working correctly and are seamless. Before, the second file started in mute.
- From the front panel pushing the rewind until the beginning of file turns the icon on the display to "Pause".
- In the previous version the Cue counter became incorrect during record, once the sub-window indicating the dBspl level disappeared.
- Ethernet freezes. With the previous software, the Ethernet connection could freeze after a long connection time.
- Headphone level position. After power off / on, the level is now correct (previous software gave a -6 dB delta)

Changes from V1.014 to V1.019 (1.015, 1.016, 1.017, 1.018 not released)

New features

- When the sensitivity potentiometers are turned to 0, the inputs are muted.
- An external HDD, using his own power supply, for recording can now be connected to the LB. (model tested was a modified "Lacie" supplied by Nagra) – Other disks may need to be modified prior to connection to the LB.
- Audio files can be limited to a maximum time. Automatically a new seamless file will be generated if the recording is longer than 5, 10 or 30 minutes.
- A new file prefix "Time" can be selected permitting playback with the independent CBR player showing the real time and not relative time (16 bit only, PCM or MPEG1 layer II).
- A compact flash card tester has been added.

Bugs repaired

- The LB will no longer lock-up when switching rapidly between record and play.
- Executing "Format" on an external HDD with several partitions will result in a single FAT 32 partition.
- Editing on RAW files was sometimes locking up the machine.
- "Check disk" via a PC was showing an error message.
- Wrong message when turning on the machine, with an external HDD connected, in test mode.
- The headphone switch ST/ Mono automatically reverted back to stereo mode when stopping a recording. At power on, it will always be ST.
- No headphone / speaker output or use of the internal microphone if the beep signal was turned off.
- Record problems using several types of CF cards (including "Kingston") have been solved.

Changes from V1.019 to V1.020

Bugs repaired

- Most of the clicks and pops on the headphone output during the manipulation of the Nagra LB, have been strongly reduced.

Changes from V1.020 to V1.102

New features

- When pressing "RET" in the directory, the display will change to the previous position.
- The beep volume can be adjusted.
- Files recorded on the USB media can now be copied to the internal memory or the CF card and can be edited.
- If the top panel of the machine is active, the machine can be turned off with the main selector. In the case of editing, the project will be saved before power off.
- The modulo meter has a new calibration (0, -3, -6, -9, -20, -30)
- The MS status is now shown in the resume window.
- The file name incrementing is modified, so that no overwrite of a previous file can happen. Example: If USER0001 exist in the directory and the file counter has been reset or a system reset took place, the next recording will be USER0001-1.
- A power on counter is added in the miscellaneous menu.
- During record, a new seamless index can be created by pressing the ">>" switch once.
- The matrix menu will only show the possibilities depending if a mono or stereo recording file was selected.
- In the miscellaneous menu, a database sync function is added. It's in the case that files are lost in the directory due to a power down in the record mode.
- Input device menu is changed and shows now 3 possibilities.
- If in the editor the maximum horizontal zoom is selected, the jog wheel movement will go to half speed.
- 2 Beep types available: The friendly Windows one indicating an action or execution, a "Burp" one indicating: attention / error / waiting / power off.

Bugs repaired

- Before a copy starts between the memories, the remaining free memory is checked versus the size of the file that need to be copied. A warning appears if the remaining memory is smaller than the file to be copied.
- The templates and associated name can now be stored correctly.
- The int. mic icon stayed on in play or stop mode at the moment that it was turned off.
- Most of the clicks during the manipulation of the machine are removed.
- Freeze bugs removed in editing.
- EDL files located in a none working directory can now be played (PLY in directory).
- When the digital input is selected, it became very difficult to select the front menus in TEST mode.

- Loudspeaker menu: In the Auto mode the speaker is active during playback or editing only. During record or test (EE) mode, the speaker is turned off. In the On mode, the speaker stays always on.

Changes from V1.102 to V1.105 (V1.103 & V1.104 versions not released)

New features

- None

Bugs repaired

- Sound not always balanced on the headphone output when switching between mono / Stereo solved.
- When deleting a big file and trying to switch off the machine by the front main selector, the machine switches off once the file is deleted.
- The loudspeaker menu execute changes are now executed immediately.
- The file length in the editor is now limited to max 2 GB (a warning appears if > 2GB).
- After a power interruption during record, turning back on the machine will show a warning window explaining what to do.

Changes from V1.105 to V1.109 (V1.106 to V1.108 versions not released)

New features

- All alarm windows will stay on the front display until the multifunction button is moved.

Bugs repaired

- Editing bug when mixing LB files with imported files was freezing the machine.
- Play loop / auto skip bug solved.
- Error code 1101 during editing solved.
- "RET", return function in the directory is now step by step.
- File damaging during record with a power drop solved.
- Templates can know safely be moved from one machine to another machine (via the CF card) if the original templates are made with V1.109. Templates created with a previous software version will be refused.

Changes from V1.109 to V1.110

New features

- French and German languages are integrated

Bugs repaired

- When templates (short names, less than 5 characters) are copied from one machine to another, the useless characters form the name "EMPTY" are now removed.
- Editing: Sizing of an audio portion in the editing workbench is again available but still without sound (when turning the jog wheel).
- In the directory, folders (including contents) can be erased for as far that no sub folders are existing.

Changes from V1.110 to V1.123 (V1.111 up to V1.122 versions not released)

New features

- An "UNDO" function (1 level) has been added in the editing.
- Variable speed during editing using the jog wheel.
- Ethernet: Works now in push mode and pull mode (FTP client added).
- Several sub menus have been added to the front panel menu display.
- MPEG 2 L2 22.05 kHz and 24 kHz have been added. Editing will become possible in a future release.
- The remote control is added (via the extension connector)
- When checking the setup of the machine on the front panel, the MS decoder status is displayed as well.

Bugs repaired

- Sizing an audio portion in the editing mode is working with sound included.
- Large sound quality improvements concerning editing when using the jog wheel.
- Original Cue points are now shown during editing.
- The formatting bug with 32 GB cards is solved.

Changes from V1.123 to V1.127 (V1.124 up to V1.126 versions not released)

New features

- Ethernet client service. This feature makes it possible via an Ethernet connection to deliver audio files directly to a remote server.

Improvements

- Time out between TEST and RECORD position reduced from 960 ms to 480 ms.

Bugs repaired

- Sporadic freezing while manipulating the main selector solved.

- The jog wheel has no interaction anymore during the play mode selected from the front panel.

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