ARES-M SOFTWARE BULLETIN V3.24B0218

Changes from V2.6 to V2.7

- MPEG 1 Layer III record module added.
- "Set loop mode" menu added for the different ways of playback

Changes from V2.7 to V2.8

- The "Manager" only shows audio files and valid sub directories. Directories including the xxx.MAK, xxx.PAK & xxx.CUT are not shown anymore on the Ares-M display.
- Revised bug: the machine can not set directly in record mode while in play or pause mode.
- Revised bug: crashes the machine during play or pause when pressing the rewind or forward key.
- Revised bug: can not automatically stop the playback of very short files.
- Revised bug: can not skip unknown files in random play mode.
- Revised bug: doesn't increase the file counter when during record the stop key is hold until the machine turns off.

Detected already on the V2.8 version

- The edit bug: The machine still crashes when a CUT is executed if the second marker is set at the very end of the envelop.
- ~~The play key needs to be pressed twice to start a playback if the machine just returned from any menu mode to the stop mode.~~

Changes from V2.8 to V2.9

- The edit bug is finally solved.
- Envelop bug: When using external editing systems as Dalet, Netia, Digas, Digigram etc, the envelop corresponds to sound.

Changes from V2.9 to V2.92

- The time counters have now the format of HH:MM:SS.
- Revised bug: Sometimes, AGC was not activated in the "PRE RECORD" mode.
- Revised bug: AGC reference level change was not always executed.
- Revised bug: Data was lost during a "VOR" recording if the "Pause REC" button was pressed.
- G729 can now be edited.
- When erasing an audio file, the adjacent auxiliary files in the xxx.dir folder are automatically erased.

Changes from V2.92 to V2.93

- Adding to the already existing Chinese and English display languages, French, German, Spanish and Polish.

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- New sub-menu for the blue button: "Set record mode". This sub-menu permits to select the audio output before or after AD/DA treatment. This sub-menu contains a bug. For this reason select only "Tape mode".

Changes from V2.93 to V2.94

- The same bug (Set record mode) as before is still included. "Tape mode" is actually full bandwidth and "Record mode" is after AD/DA treatment.
- Bug fixed: Playback during editing (of a file including several markers) was not correct on the previous software version).
- New bug: Work directory can actually not be selected.

Changes from V2.94, V3.00 to V3.10

- The Dutch language is integrated.
- The work directory selection is again available.
- Big changes in the editing mode. See manual V3.1 June 20, 2006 or higher.
- The markers can still not be used on external editing systems.
- Still no changes in the AGC mode.
- The sub-menu "Set record mode" will not be re-introduced.

Changes from V3.10 to V3.11

- Several corrections in different languages
- AGC changed. The AGC target level from the blue button menus is removed. The AGC (2 levels) is now stored in the screwdriver menus.
- The markers can still not be used on external editing systems.

Changes from V3.11 to V3.13B0810

- The version V3.12 was never released outside the company.
- The input sensitivity for the internal mike can now be adjusted.
- During record, the OK key serves to pause the record. A second press starts again the same record file.
- During record, the MENU key serves to enter markers.
- The markers can still not be used on external editing systems.
- Bug detected when turning on the machine followed by pressing twice the OK key: the machine freezes

Changes from V3.13B0810 to V3.13B0817
- Only the bug from the previous version is removed.

Changes from V3.13B0817 to V3.13B0911
- In the file manager, the functions MOVE and COPY are removed.
- The previous bug is solved
- The bug, freezing the machine in edit mode after having saved the portion between markers followed by play, is solved.

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- The markers can still not be used on external editing systems.

Changes from V3.13B0911 to V3.14B1125
- The markers made during record and or internal editing can now be exported to external editor systems.
- Bug detected in MP3 recording: Some distortion noise is starting after 1 hour of record.
- Bug detected since V3.12 concerning the connection to a Mac OS 10.4.8: When ejecting the folder appears immediately again on the Mac screen.
- Some blue button sub-menus are not saved on power off.

Changes from V3.14B1125 to V3.15B1229
- The Mac OS 10.4.8 bug is solved. Eject works correctly.
- All blue button sub-menu settings are saved on power off.

Changes from V3.15B1229 to V3.16B0227
- The function WIPE is removed. Savings during edit will always create a new file.
- New sub-menu (screwdriver) for the OK key during record.
- New sub-menu (screwdriver) for the STOP key during record.
- Due to some difficulties, editing on 44.1kHz MPEG files is not anymore possible.

Changes from V3.16B0227 to V3.17B0412
- Bug: Loosing a file or all files if the memory becomes full is solved.

Changes from V3.17B0412 to V3.18B0724

- New sub-menu in the screwdriver for adjusting the display brightness.
- Alarms added: one for low memory and one for low battery.
- VOR function modified at start up. Goes to record PAUSE when turned on.
- Create marker message reduced to 1 second.
- French language errors removed
- If the OK is used for pausing the record, the stop record is now possible.
- Default factory settings changed to: Nagra mike, PCM stereo 48 kHz, low cut filter ON.

Remarks concerning requests that can not be solved via software
- Individual input channel sensitivity adjustment is not possible.
- Input matrix for mixing left and right channel to a mono channel.
- OK key during record can not be combined to be used for PRE-RECORD, PAUSE, RECORD and START RECORD.
- USB on the go (OTG).

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Changes from V3.18B0724 to V3.19B1011

- Bug removed: The file name inside the chunk of the audio file was not corresponding to the file name seen by explorer. Example: if the explorer shows "USER0001", the chunk string was showing "USER0002".

Changes from V3.19B1011 to V3.20B1210

- Bug removed: The previous version V3.19 was clipping the input level at -6 dB versus the modulometer.
- During editing, the "Set screen save" is automatically disabled.
- In the editing mode, when long files are saved as a new file, the progress bar shows immediately the status. If the file is bigger than the memory space left, a warning window will appear.

Changes from V3.20B1210 to V3.21B1214

- The only change in this software concerns the test mode of the Ares-M: In the power off mode, pressing the left arrow key together with the power-on key, the machine turns on in the test mode. If the hold key is turned on, it is not possible anymore. This secures battery life if it happens by inadvertence inside a pocket etc.

Changes from V3.21B1214 to V3.22B0305

- Bug solved: During editing, sometimes it happened when saving several times an editing as a new file (without leaving the editing mode), the machine became frozen.

Changes from V3.22B0305 to V3.24B0218 (V3.23 not released)

- Bug solved: Depending on the file settings, the pre-record buffer could overflow.

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(SoftwareBulletinV3.24B0218.doc)

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