



AEV Logger

***Automatic software
multi-area recorder***



Hardware

The system requirements depends on the software use. For instance by selecting different audio boards it is possible to record with 1 computer up to 4 sources.

System requirements:

- Processor: PIII - 500 MHz or superior
- 128 Mb RAM
- 10 Gb HD for 90 days recording (1 source) Low Quality
- 40 Gb HD for 90 days recording (4 sources) Low Quality
- VGA 64Mb video board
- 100Mbit Lan board
- RW CD-ROM
- From 1 to 4 audio boards (one must be Full duplex)
- Keyboard and Mouse

Software installation

- Insert the Maximum Day Recorder CD in the RW CD-Rom and the installation will automatically start. If the installation doesn't start it is necessary to run it by double-clicking the "Setup.exe" icon.

Note

- Day Recorder needs that the .NET Framework installation. If it is not installed, Framework will be automatically installed.
- The default installation is "C:\Programmi\Day Recorder\", but it is possible to change the folder during the software installation.
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Setup

In order to set the parameters it is necessary to do the following:

- run DayRecorder
- click on Option menu and select " Recording format".
- now it is possible to select the Frequency, bitrate and Recording mode (Mono o Stereo).
- this selection is possible for Area #1,.....Area#4.



By selecting a 8000 Hz Frequency, Mono recording mode and 8Kbps bit rate it is possible to record low quality audio by using only few hard disk space.

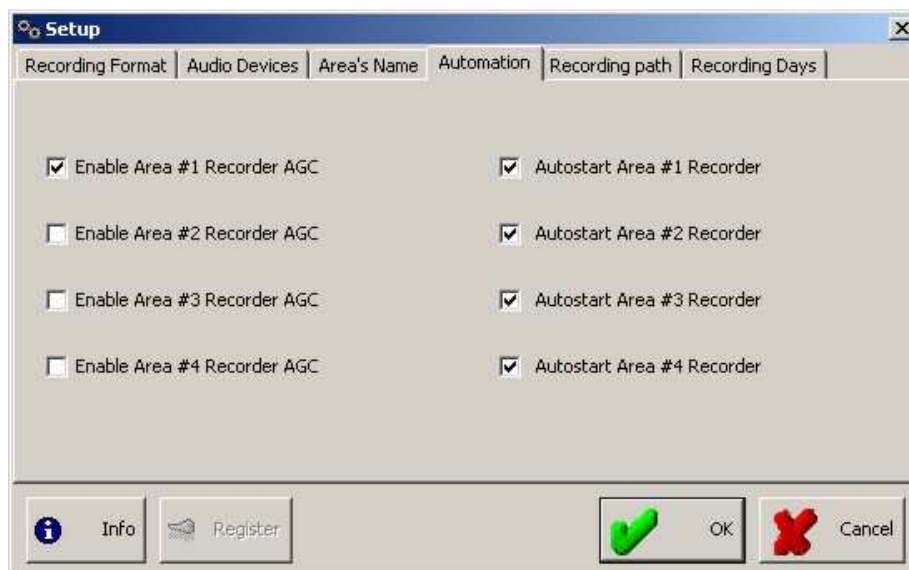
The " Audio devices " menu allows to select the audio board for each area needed to be recorded.



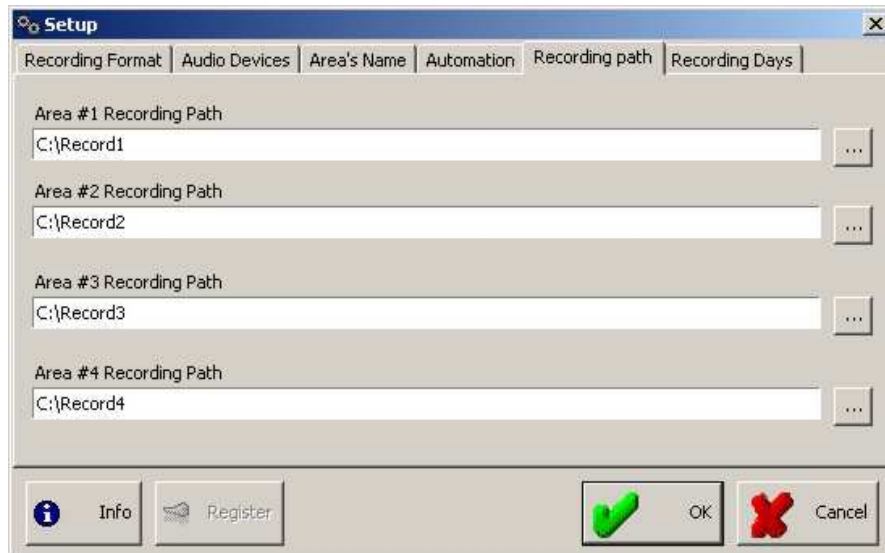
The " Area's Name " menu allows to write a name for each areas. This option is usefull to guess easily the recorder/player needed in case of multiple sources recording. The assigned name will be showed in each recording and player module.



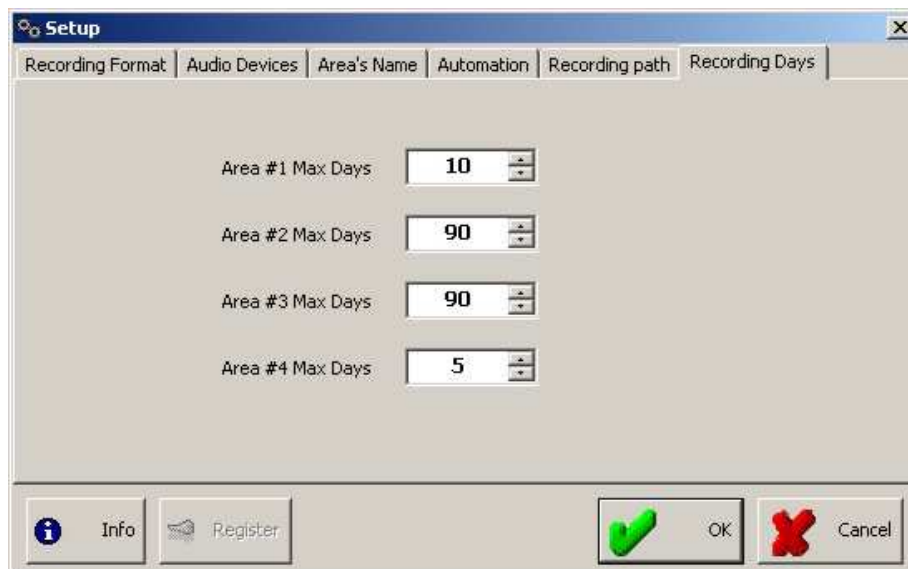
The "Automation" menu allows to select for each recorder the AGC (Automatic Gain Control) and Autostart options. The AGC option is automatic gain control that decreases the level when it is too high and increases it when it is too low. The Autostart option starts the recording at the Day Recorder start up.



The " Recording path " menu allows to choose the folder for the recording files. It is possible to select folders in other computers of the LAN.

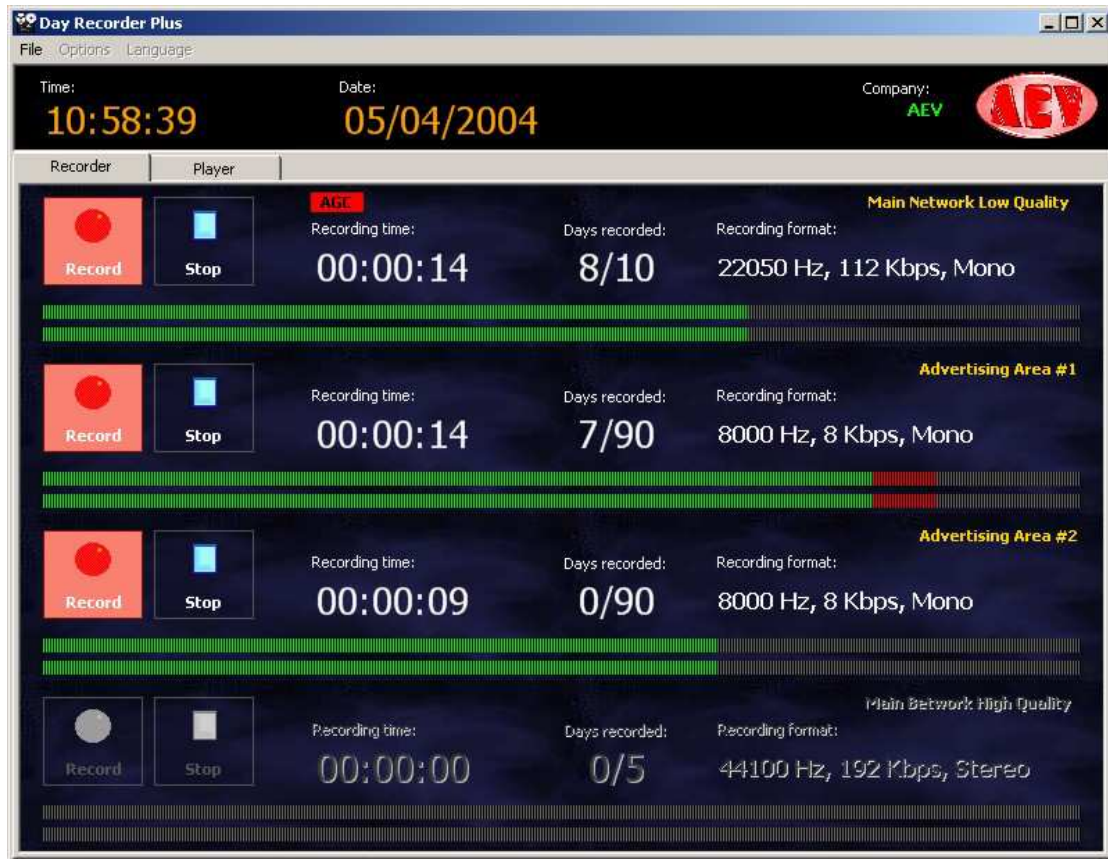


The "Recording days" menu allows to select the rotation period of the recorded days. For instance if 10 days are selected, the recorder after 10 days will delete the older files in order to have always 10 days in the destination folder.



Recorder

In the recorder panel are showed on the top the system clock and date. For each areas a Vu-Meter shows the input level and a counter shows hours, minutes and seconds of the daily recording. Also the recording format and recorded days are showed.



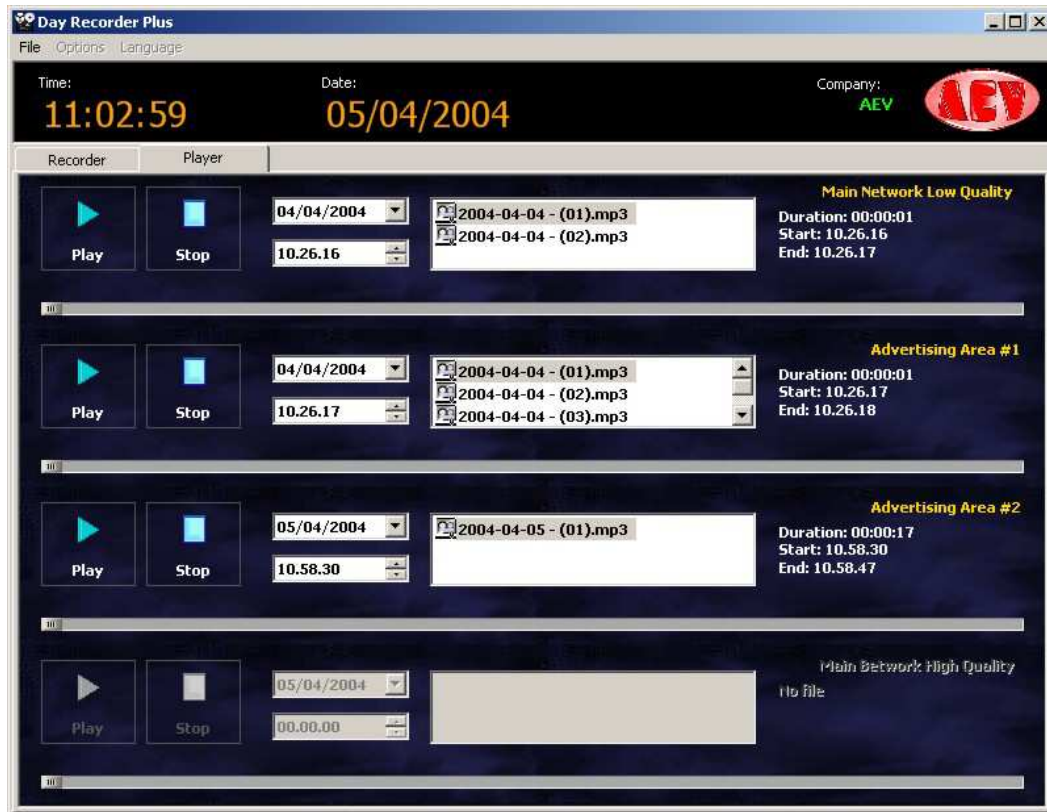
By using the "Record" and "Stop" buttons it is possible to start and stop to recording. Any time the recording is stopped and then started again a new file is created. The files are saved in the folder selected in the Option/ Recording path menu with mp3 extension. The files are saved in the US hour format plus an index thats follows the daily recordings:

.....
2006 - 02 - 27 - (01).mp3 for the first recording of February 27th
2006 - 02 - 27 - (02).mp3 for the second recording of February 27th
2006 - 02 - 28 - (01).mp3 for the first recording of February 28th
.....

The recorder will use the audio source selected in Option/ Audio devices menu and the audio format selected in Option/ Recording format. At midnight (00:00:00) the recorder will create a new file. It is suggested to record with a peak level of +10 dB .

Player

By using the Player it is possible to cue the recording already stored. There are several commands that allow to cue the point in the selected day with 1 second precision.



In order to cue a day already stored it is necessary to do the following:

- Select in the calendar the choosen day
- Select in the list the file needed; in case there are no stop or black-out the file is one with 24 hour recording
- Select with the mouse the chosen point (hh:mm:ss) or type the hour in the box below the calendar.
- Press Play button to start the player
- Press Stop button to stop the player.

The audio files are played from the first audio board that should be Full-Duplex in order to listen to the recorded files without stop the recording.

Day Recorder allows to save what have been recorded before a black-out. For instance if there is a black-out at 17.00.00 and the main power comes bak at 18.20.00 we will have a " break of 1 hour, 20 minutes and 0 seconds. In this case we have a 2004-09-04 - (01).mp3 file with the recording from 00.00.00 to 17.00.00 and a 2004-09-04 - (02).mp3 file wih the recording from 18.20.00 to 23.59.59.

License

After the first installation , Day Recorder works for 5 days. When the 5 days are overdue the software needs to be activated . Contact AEV to get the activation key.

Contacts

For any questions please contact AEV Broadcast via e-mail at the following address:

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Visit our web site at:



<http://www.aev.eu>