

8 SAVING THE MEASUREMENT RESULTS - FILE

The registration of the measurement results is an essential task for the efficient use of the instrument. All available measurement results can be stored in the internal FLASH type memory of the instrument. There are three types of files: setup files, result files and logger files.

The result files are stored in the same part of instrument memory as setup files. Those files content results from one measurement cycle.

The logger files are stored in the second part of the instrument memory, as they require continuous memory blocks. The logger files contain time-history – results calculated with the logger step (*path: INPUT / MEASUREMENT SETUP / LOGGER: On / LOGGER STEP*) and optionally they may contain the recording of audio-events.



Notice: The instrument's **logger memory** is **independent** from the results and setup memory.

Each file consists of some elements, which are the same for all kind of files:

- a file header
- the unit and software specification
- the user's text stored together with the measurement data
- the parameters and global settings
- the special settings for profiles
- the marker of the end of the file

The other elements of the file structure depend on the type of the file (**DOSE METER**, **DOSE & 1/1 OCTAVE**, **SLM**, **SLM & 1/1 OCTAVE**, logger) and on the setting of **SAVE STATISTICS** (*path: FILE / SAVE OPTIONS / SAVE STATISTICS*).

These elements are as follows:

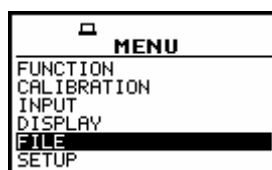
- the main results from **DOSE METER** mode
- the results coming from **DOSE & 1/1 OCTAVE** analysis mode
- the results coming from **SLM** analysis mode
- the results coming from **SLM & 1/1 OCTAVE** mode
- the statistical levels
- the header of the statistical analysis
- the results of the statistical analysis
- the settings of the instrument saved in the setup file
- the header of the file from the logger
- the data stored during the measurements in the logger's file



Notice: The detailed description of all types of file structures is given in the Appendix B.

Storing the sound measurement results as files in the instrument's FLASH DISC can be done by means of the **FILE** list. In order to open the **FILE** list the user has to:

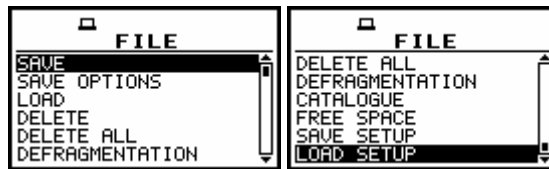
- press the **Menu**,
- select from the main list, using the <<>, >>> push-buttons, the **FILE** text,
- press the <ENTER> push-button.



Main list; FILE text highlighted

The **FILE** list (window) contains the following items:

- SAVE** it enables one to save the measurement results as a file in the instrument's memory.
- SAVE OPTIONS** it enables one to set the options of the measurement result savings.
- LOAD** it enables one to load the measurement results saved in a file.
- DELETE** it enables one to delete a selected file from the instrument's memory.
- DELETE ALL** it enables one to delete all files from the instrument's memory.
- DEFRAGMENTATION** it enables one to consolidate the flash memory after deleting some files from it.
- CATALOGUE** it enables one to overview the catalogue of the files saved in the instrument's memory.
- FREE SPACE** it informs the user about the capacity of the instrument's memory still available for storing the measurement results.
- SAVE SETUP** it enables one to save the setup as a file in the instrument memory.
- LOAD SETUP** it enables one to load to the working space of the instrument's memory the selected setup saved in a file.



FILE window

The parameter selection on the sub-list is performed by means of the <<<, >>> push-buttons. The selection of the position on the sub-list is made with <<<, >>> push-buttons pressed together with <Shift>. In order to confirm the selection the <ENTER> push-button has to be pressed. After this confirmation, the opened window or list is closed. In order to ignore any changes made in the opened window or list the user has to press the <ESC> push-button.

In the case when the measurement is performed, the usage of the options from the **FILE** list is impossible (only access to **CATALOGUE** and **SAVE OPTION** is still possible) and the special message appears on the display.



Display after the attempt to perform an unavailable operation during measurement in progress

8.1 Saving files in the instrument's memory - **SAVE** and **SAVE NEXT**

The **SAVE** is used for storing data in the internal non-volatile (FLASH DISC) memory (files are always written at the beginning of a free continuous space) as a file (see Appendix B for the file formats). The **SAVE** window is opened also by pressing <>> and <ENTER> push-buttons simultaneously after measurement.

There are two available functions: the **SAVE NEXT** – save a file with the name increased by one and **SAVE** – save a file with the edited name.

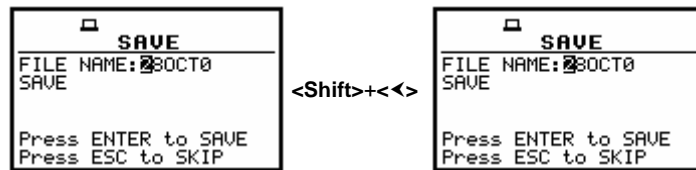


Saving a file using SAVE option

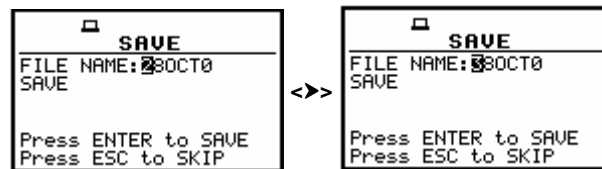
The name edition is made with <<>, <>> and <Shift> push-buttons. To enter **FILE NAME** line press <Shift> and <<> push-buttons together. The default name consists of the day and the month's abbreviation (e.g. 09OCT).

The user can skip the file's name edition and start saving file by pressing the <ENTER> push-button or return to the **FILE** list (or main results view) by pressing the <ESC> one.

The edition process is presented on the Figure below. The displayed highlighted character is currently edited. The name cannot be longer than eight characters. One can select the proper position of the cursor in the edited text using the <Shift> and <<> push-buttons. The character selection is made with <<>, <>> push-buttons.



Display during the selection of the character's position to be edited



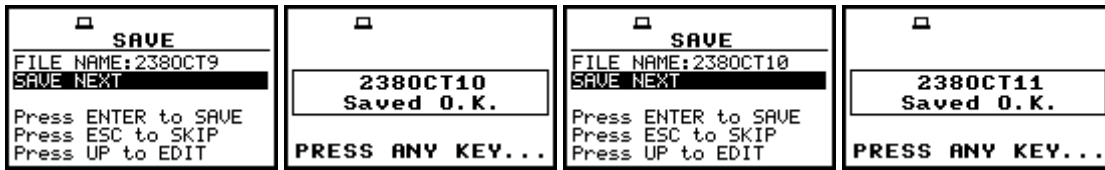
Display during the selection of the character

The edited name is accepted and the file is saved after pressing the <ENTER> push-button. The special warning is displayed in the case the file with the edited name already exists in the memory. The instrument waits then for a reaction of the user (any push-button should be pressed except the <Shift>).



Displays during the attempt of overwriting the existing file, changing the name and saving data

In the **SAVE NEXT** option the last digit of the file name is automatically incremented every time the user saves the file (e.g. 7JAN0, 7JAN1, 7JAN2).



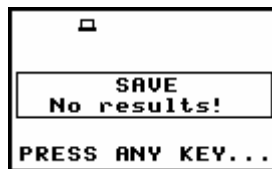
Displays with illustrated SAVE NEXT option

The number can be changed from 0 to 999999. In the case, when such limitation is achieved and the instrument can not change automatically the file's name the only possibility is to edit new base file name.



Notice: The files can be overwritten (the use of the same file name) **without any warning** if the **REPLACE** option is switched on (path: FILE / SAVE OPTIONS / REPLACE).

The presented below message is displayed after trying to execute the save operation in the case when no measurements were performed and there are no results to be saved. The instrument then waits for the reaction of the user (any push-button should be pressed except the <Shift>).

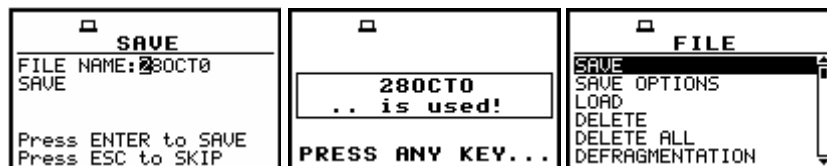


Display after the SAVE operation when there were no results for storing



Notice: During the execution of the **SAVE** or **SAVE NEXT** function, an additional window is displayed informing about the operation performed (e.g. **07JAN Saving**). In the case of short files, this window can be unnoticed by the user.

As it was already written, it is not possible to store the data in the file, which already exists, when the **REPLACE** is not active ([]) (path: FILE / SAVE OPTIONS / REPLACE). The presented below sequence of displays illustrates the situation when during the name edition process the user selected the name, which was used before. The instrument displays a special message and waits for the reaction of the user (any push-button should be pressed except the <Shift>) and after pressing a push-button it returns to the **FILE** list.



Displays after the attempt to overwrite a file if the REPLACE is not active



Notice: The logger files are created automatically (the usage of the **SAVE** is not required).

8.2 Controlling the data storing in the instrument's memory - SAVE OPTIONS

The **SAVE OPTIONS** is used for the selection of the options of data storing in the flash memory of the instrument.



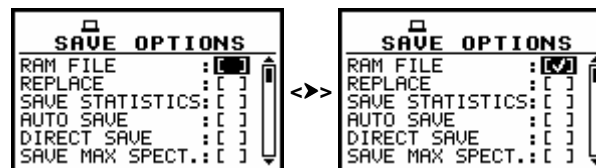
FILE window with SAVE OPTIONS text highlighted

It is possible to write data into the same part of the memory starting all the time with the same address (**RAM FILE**), to replace the existing in the memory file by the new with the same name (**REPLACE**), to add to the results the statistics of the measurements (**SAVE STATISTICS**), to save automatically the results of the measurements (**AUTO SAVE**).

8.2.1 Saving data starting from the same address - RAM FILE

The **RAM FILE** functionality is available only in the **SLM** and **SLM&1/1 OCTAVE** analysis modes. The measurement data usually are saved in the different files in the flash memory of the instrument. It means that each time the data are saved the previous file is overwritten.

This option is useful for the permanent monitoring and remote reading data from the instrument by means of any available interface with the proper period. In order to read data saved in a RAM file one has to use **#4,3** function described in details in App. A.

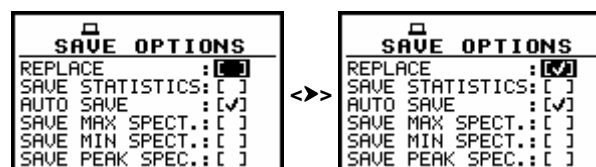


SAVE OPTIONS window; selection of RAM FILE in SLM modes

In the case when the **AUTO SAVE** was active () after pressing the **<ENTER>** push-button the **FILE NAME** window is opened for editing the names for the **AUTO SAVE** files.

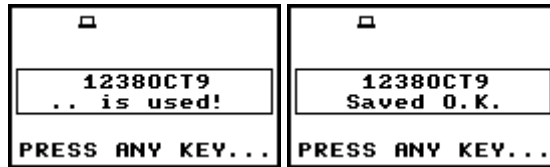
8.2.2 Replacement of the existing files by the new ones - REPLACE

The result of the attempt to save the file with the name, which already exists in the memory, depends on the setting of the **REPLACE**. It is possible to erase the old file and to save the new one with the same name if the position is active ()



SAVE OPTIONS window; selection of REPLACE

The message is displayed that such operation is not available in the case when this position is not active () – cf. the description of the **SAVE**. In the other case, the existing file is overwritten.



Displays during the file saving when REPLACE is switched off and on

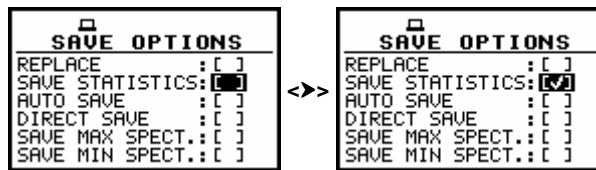
In the case when the **AUTO SAVE** was active () , after pressing the **<ENTER>** push-button the **FILE NAME** window is opened for editing the names for the **AUTO SAVE** files.

8.2.3 Controlling the measurement statistics savings - SAVE STATISTICS

The **SAVE STATISTICS** is used to set self-saving, together with the measurement results, the statistics of the measurements () or to switch off () this possibility. Together with the measurements, 100-class statistics are calculated (the values named from **L01** to **L99**).



Notice: This position was created to save the memory of the instrument in the case when the knowledge of the statistics is not necessary. **Each registration of the statistics requires 600 bytes of the memory! Ten selected statistic levels are always saved with the main results.**

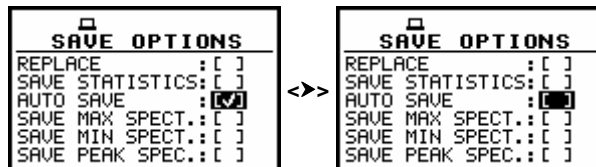


SAVE OPTIONS window; selection of SAVE STATISTICS

In the case when the **AUTO SAVE** was active () , after pressing the **<ENTER>** push-button the **FILE NAME** window is opened for editing the names for the **AUTO SAVE** files.

8.2.4 Automatical saving of measurement results - AUTO SAVE

AUTO SAVE option enables self-saving of the measurement results and it is switched on defaultly.



SAVE OPTIONS window; deactivation of AUTO SAVE option



Notice: The **AUTO SAVE** function can be performed only in the case when the **INTEGR. PERIOD** (path: INPUT / MEASUREMENT SETUP) is not less than 10 seconds. If it is less than 10 seconds, the measurement results are not saved without any indication of that fact! There is only one exception - when the **REP. CYCLE** (path: INPUT / MEASUREMENT SETUP) is equal to one, the **AUTO SAVE** function is executed disregarding the value of the integration period.

The **FILE NAME** window is opened pressing the **<ENTER>** push-button when the **AUTO SAVE** option is ticked. When the integration period is too short for setting the **AUTO SAVE** option the following message appears on the display:



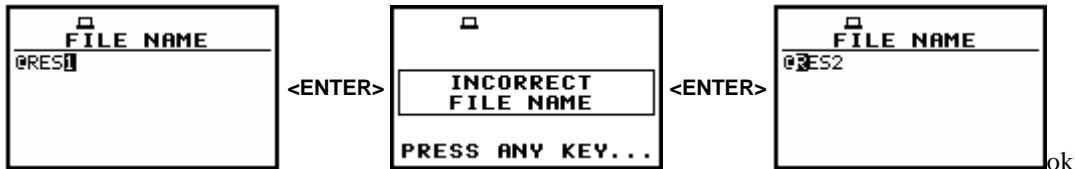
Display after attempt of setting **AUTO SAVE** option with too short **INT. PERIOD**

The **FILE NAME** window is closed after pressing the **<ENTER>** push-button and the user interface returns to the **FILE** list.



Switching **AUTO SAVE** on; **FILE NAME** confirmation and return to **FILE** window

The **<<>**, **<>** and **<Shift>** push-buttons are used for editing the name which cannot exceed eight characters including the starting special character **@** which cannot be edited. One can select the proper position of the character in the edited text using the **<<>**, **<>** push-buttons. The edition is finished after pressing the **<ENTER>** push-button. The edited name is compared with the file names existing in the catalogue. In the case when the file with the same name already exists, the special message is displayed and after pressing any character except the **<Shift>** one, the instrument returns once more to the **FILE NAME** window.



Displays after the incorrect file name edition

8.3 Loading the files with the measurement results - LOAD

The **LOAD** is used for loading data file from FLASH DISC (e.g. for the verification or comparison).



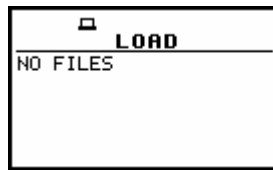
Loading a file

The current number of the file and the total number of the saved files is displayed in the first line of the **LOAD** window. The name of the file is displayed in the second line (its current number is presented in the first line). The name of the file suggests the operation the file was created-in. The names in which the first character is @ are coming from the **AUTO SAVE** function.


The file with the default name @Timer@ is coming from the **AUTO SAVE** function executed in the **TIMER** operation. The other names suggest the **SAVE / SAVE NEXT** function. The type of the current file (**DOSE METER, DOSE & 1/1 OCTAVE, SLM** or **SLM & 1/1 OCTAVE**) is given in the third line. The date and time of the **SAVE** operation are displayed in the fifth and sixth line respectively.


If during the measurements which results are saved in the file, the logger file was also created its name is displayed in the fourth line.

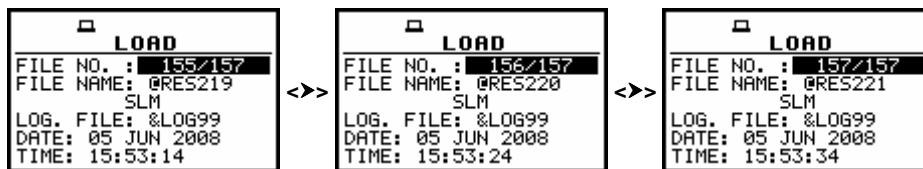
In the case when the instrument memory is empty (no file is stored), after entering the **LOAD** window the **NO FILES** text is displayed and the instrument waits for the reaction of the user. The user should press then the **<ESC>**, **<ENTER>** (the instrument returns to the **FILE** list) or **Start / Stop** push-button (the instrument starts the measurement).



LOAD window with NO FILES message

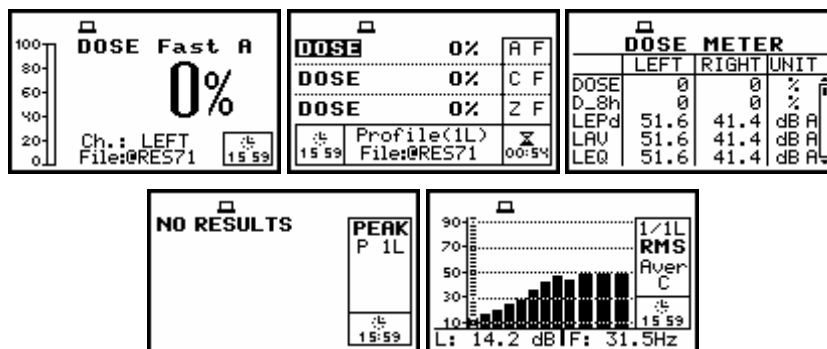
 **Notice:** The logger file can be deleted from the instrument's memory in the **FILE / DELETE / LOGGER FILES** window and this deleting operation does not modify the contents of the fourth line of the **LOAD** window.

 **Notice:** Many result files can be associated with one logger file, i.e. during the execution of the **AUTO SAVE** function.



Exemplary result files associated with the same logger file (&LOG99)

The contents of the loaded file is displayed in the available result presentation modes (after pressing the **<Shift>** and **<>>** push-buttons) depending on the current settings of the instrument.



Exemplary displays during the loading and checking the contents of a DOSE METER file

In the case when in the **DISPLAY MODES** window the **STATISTICS** are activated and in the loaded file the statistic analysis was not included the display with **NO RESULT** message is presented in the graphical presentation of the statistical levels.

8.4 Removing a file with the measurement results from memory - DELETE

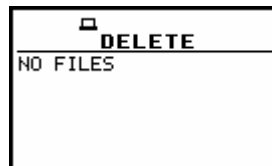
The **DELETE** is used to remove a file from memory.



Deleting a file

In the **DELETE** window, there are three elements: **RESULT FILES**, **LOGGER FILES** and **SETUP FILES**. The deleting of those three types of files is performed in the same way as shown above.

In the case when there are no files in the memory, the **NO FILES** message appears on the display.

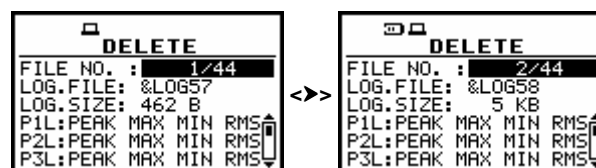


RESULT FILES selected to be deleted and the flash memory does not contain any file

The same data about the existing in the instrument files as in the **FILE / LOAD** window are displayed after successful opening the **FILE / DELETE / RESULT FILES** one (pressing the **<ENTER>** push-button, see part 8.3).

In the case of **LOGGER FILES**, the data in the **DELETE** window are similar as in the **DISPLAY / LOGGER VIEW** window. In the first line, the available still logger's memory is displayed followed by:

- The selected number of the logger's file and the number of all saved files (**FILE NO.**).
- The name of the logger's file (**LOG.FILE**).
- The size of the logger file which name is displayed in the previous line (**LOG.SIZE**).
- The results saved (if any are present) in the logger from the first, second and third profile of the left channel (**P1L, P2L, P3L**), from the first, second and third profile of the right channel (**P1R, P2R, P3R**), from the third profile.



Selection of **LOGGER FILE** to be deleted



Notice: The logger file can be deleted from the instrument's memory in the **FILE / DELETE / LOGGER FILES** window and this deleting operation does not modify the contents of the fourth line of the **DELETE** window.

In the case of **SETUP FILES**, the current number of the file and the total number of the saved setup files is displayed in the first line of the window. The **FILE NAME** is presented in the second line. The date and time of the **SAVE SETUP** operation is displayed in the last two lines respectively.

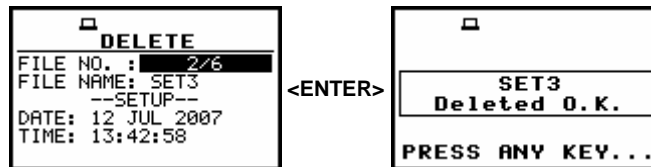


SETUP file selected to be deleted

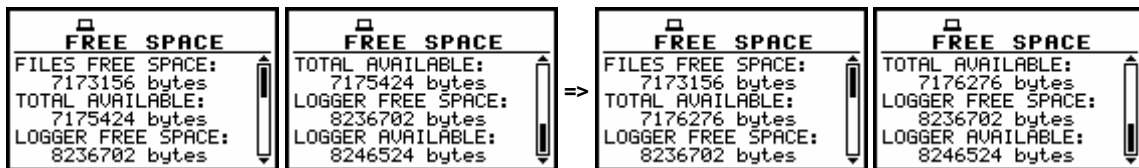
After the execution of the result files and setup files removing from the memory usually the **FREE SPACE** memory (*path: FILE / FREE SPACE*) rests the same as before the deletion but **TOTAL AVAILABLE** memory is increased. It is because erased file was somewhere in the file's space.

The file is no longer accessible but the recuperated memory is still unused for the next saving. This memory becomes available after the defragmentation process (*path: FILE / DEFRAGMENTATION*) in which all files are moved to the continuous space.

After the execution of the logger files deletion from the memory, usually the logger free space rests the same as before the deletion but the total logger available memory is increased. It is because erased file was somewhere in the file's space. The file is no longer accessible but the recuperated memory is still unused for the next saving. This memory becomes available after the defragmentation process (*path: FILE / DEFRAGMENTATION / LOGGER DEFRAGMENT.*) in which all files are moved to the continuous space.

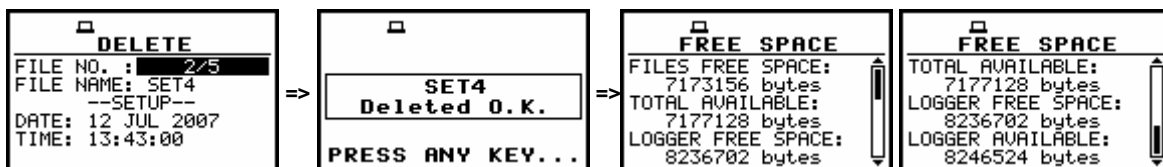


Execution of the @SET3 file deletion



Influence of the execution of the @SET3 file deletion on the memory space

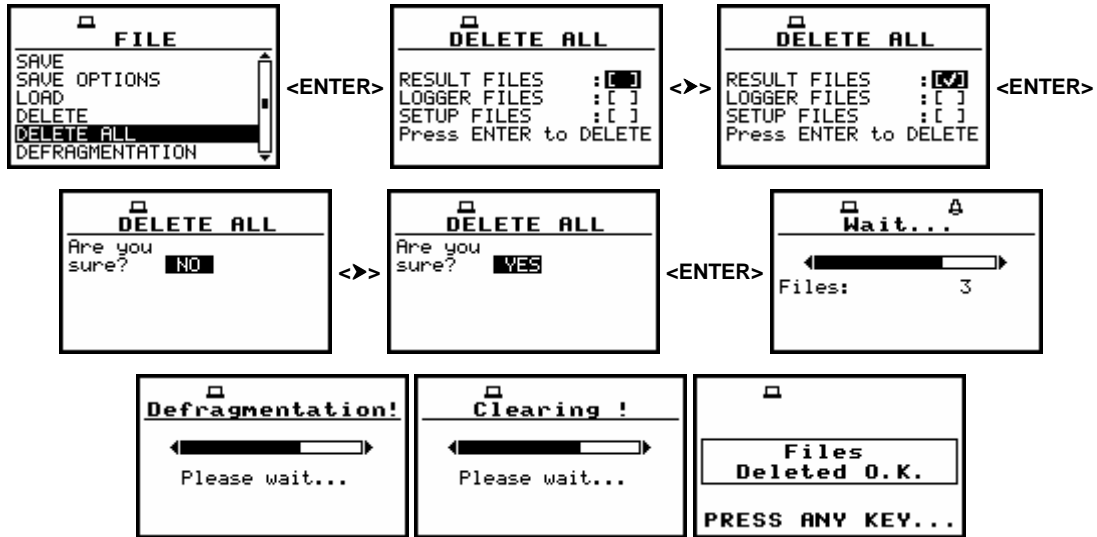
The displays below illustrates the erasing from the flash memory another file named @SET4; the **FILES FREE SPACE**, **LOGGER FREE SPACE** and **LOGGER AVAILABLE** remain unchanged while the **TOTAL AVAILABLE** is increased.



Execution of the @SET4 file deletion and the influence of this process on the memory space

8.5 Removing all files with measurement results from memory - DELETE ALL

The **DELETE ALL** is used to remove all files from memory. The **DELETE ALL** consists of three positions: **RESULT FILES**, **LOGGER FILES** and **SETUP FILES**. The deleting of those three types of files is performed in the same way (shown below). In order to delete all result, logger or setup files the user has to select type (types) of files to be deleted, press **<ENTER>**, confirm the selection and press **<ENTER>** again.



Deleting all files

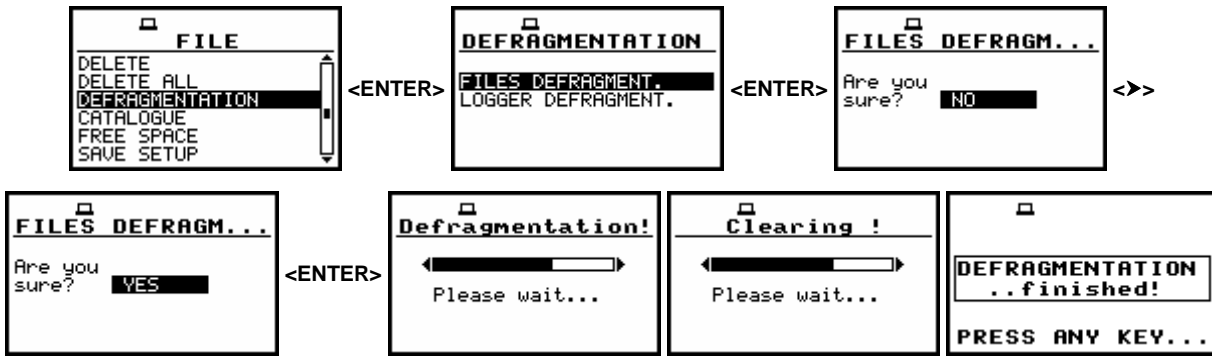


Notice: The execution of the **DELETE ALL** function described above takes place in the case when only one type of the files is selected in the **DELETE ALL** window. If all types are selected simultaneously and the logger, result and setup are saved, only **Clearing** operation is performed but two times – one time in logger files memory and one time in result and setup files memory. After clearing all memory, the defragmentation is not done. The memory merging is done only in the case of setup and results memory, as these two different types of files are saved together in the same space.

8.6 Merging file space - DEFRAGMENTATION

The **DEFRAGMENTATION** is used to make the file memory continuous. All new files are saved starting from the beginning of the free memory space. The memory occupied by the deleted file, assuming that the file was not the last one, remains unused for the next files saving. After the removing a file the files memory becomes discontinuous, with unused parts, which cannot be utilized in the future. The situation is changed after the process called defragmentation. During this process, the files saved in the files memory are moved in order to obtain the continuous occupied space.

The files' merging is performed separately for two parts of the instrument's memory: the **FILES DEFRAGMENT.** is used to join the result and setup files and **LOGGER DEFRAGMENT.** is used in the case of the logger. Before the defragmentation the **FILES FREE SPACE** and **TOTAL AVAILABLE**, characterizing the result memory (*path: FILE / FREE SPACE*), usually differ between each other. After this operation, these two parts are equal. The same situation is in the case of the **LOGGER FREE SPACE** and **TOTAL AVAILABLE** characterizing the logger file.



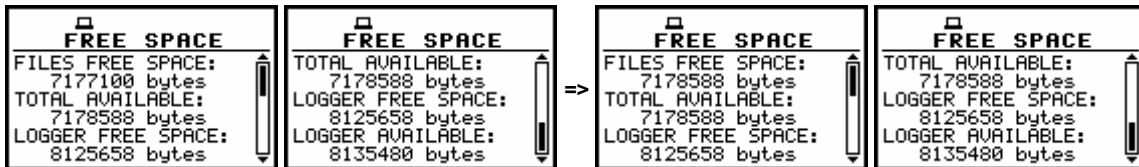
Execution of defragmentation operation

If the measurements are not performed, after pressing the **<ENTER>** push-button on the active **YES** option, the instrument checks whether the used result and setup files memory is continuous or not. If this memory is continuous, the **DEFRAGMENTATION** operation is not executed and the special message is displayed. The instrument waits for the reaction of the user (any push-button should be pressed except the **<Shift>**) and after pressing a push-button it returns to the **DEFRAGMENTATION** window.



Message in the case when the execution of **DEFRAGMENTATION** operation is unnecessary

The displays below illustrate the results of the **FILES DEFRAGMENT.** – after the execution, the **FILES FREE SPACE** and **TOTAL AVAILABLE** become equal while the **LOGGER FREE SPACE** and **LOGGER AVAILABLE** remain unchanged.



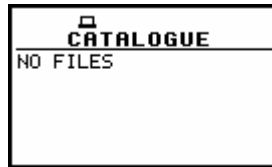
Result of the **FILES DEFRAGMENTATION** operation

8.7 Checking the contents of the memory - CATALOGUE

The **CATALOGUE** is used for checking the contents of the memory (the list of the result and setup files).



CATALOGUE text highlighted in **FILE** window



CATALOGUE window when the memory is empty

In the case when the result and setup files memory in the instrument is not empty (some files are stored) another window is displayed in which the same data about the existing in the instrument files as in the **FILE / LOAD** window are presented. The current number of the file and the total number of the saved result and setup files is displayed in the first line of the window. The name of the file is displayed in the second line (its current number is presented in the first line). The name of the file suggests the operation the file was created-in.

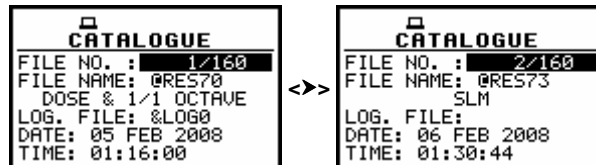
The names in which the first character is @ are coming from the **AUTO SAVE** function.

The file with the default name @Timer@ is coming from the **AUTO SAVE** function executed in the **TIMER** operation. The other names suggest the **SAVE / SAVE NEXT** function. The type of the current file (**DOSE METER**, **DOSE & 1/1 OCTAVE**, **SLM** or **SLM & 1/1 OCTAVE**) is given in the third line. If during the measurements which results are saved in the file, the logger file was also created its name is displayed in the fourth line.



Notice: The logger file can be deleted from the instrument's memory in the **FILE / DELETE / LOGGER FILES** window and this deleting operation does not modify the contents of the fourth line of the **CATALOGUE** window.

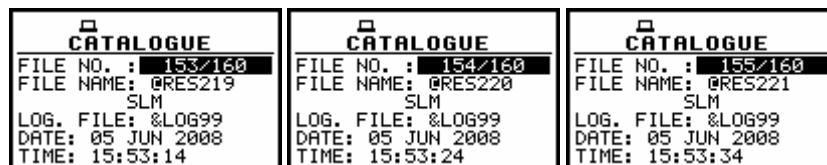
The date and time of the **SAVE** operation are displayed in the fifth and sixth line, respectively. The change of the current file can be done after pressing the <<>, <>> push-buttons. The setup file is indicated by the **SETUP** text displayed in the third line instead of the **DOSE METER / DOSE&1/1 OCTAVE / SLM / SLM&1/1 OCTAVE** text.



Contents of CATALOGUE window



Notice: Many result files can be associated with one logger file, i.e. during the execution of the **AUTO SAVE** function.



Exemplary result files associated with the same logger file (&LOG99) in the CATALOGUE window

8.8 Checking the free space in the memory - FREE SPACE

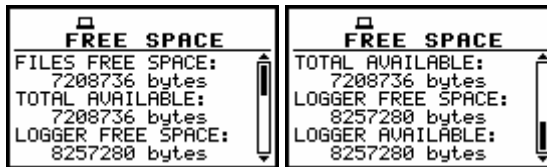
The **FREE SPACE** is used to read out the free space in the FLASH DISC memory of the instrument.



FREE SPACE text highlighted in FILE window

The files memory in the instrument is divided into two separate parts. One part is dedicated for saving the result and setup files and the second part is used for saving the logger files.

The **FREE SPACE** window in the instrument after the execution of the **DELETE ALL** operation is presented below.

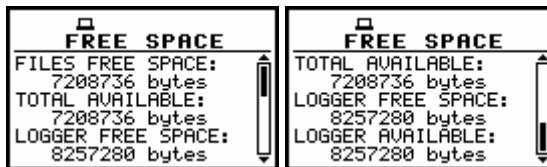


FREE SPACE window after the execution of DELETE ALL operation

The **FREE SPACE** window contains four numbers. First two, named **FILES FREE SPACE** and **TOTAL AVAILABLE**, characterise the result and setup files memory. The files are always saved starting from the beginning of the continuous memory space. The size in bytes of this space is given in the **FILES FREE SPACE** position.

If the result and setup files were not deleted from the memory the number of bytes displayed in the **TOTAL AVAILABLE** is the same as in the **FILES FREE SPACE**. However, if some of them were deleted, assuming that they were not the last saved, the memory used by them is empty but it does not increase the continuous space. In such case, the number given in the **TOTAL AVAILABLE** position is greater than that in the **FILES FREE SPACE**.

The **DEFRAGMENTATION** operation, which merges files, should be used to increase the **FREE SPACE**. The next two numbers given in the **FREE SPACE** window, named **LOGGER FREE SPACE** and **LOGGER AVAILABLE** characterize the logger files memory where the saving mechanism is the same. Therefore, the numbers presented in the **FREE SPACE** window depend on the history of the measurements and the operations performed by the user.



FREE SPACE window with the number depending on the measurements and operations performed

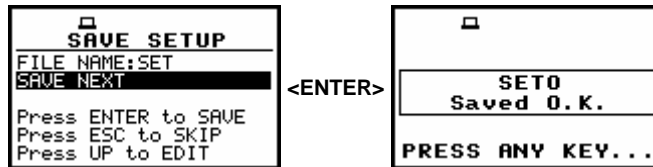
8.9 Saving setup files in the instrument's memory - SAVE SETUP

The **SAVE SETUP** is used for storing setup settings in the internal non-volatile (FLASH DISC) memory (files are always written at the beginning of a free continuous space) as a file (see Appendix B for the file formats).

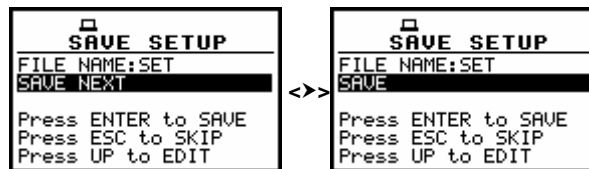


SAVE SETUP text highlighted in FILE window

There are two available functions: the **SAVE NEXT** – save a setup file with the name increased by one, and **SAVE** – save a setup file with the edited name.



Saving SETUP using SAVE NEXT option

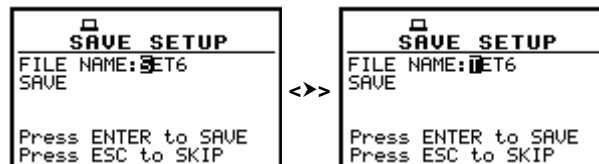


SAVE SETUP window, SAVE option selection

The default file name for setup settings is SET. To edit **FILE NAME** press <Shift> and <<>.

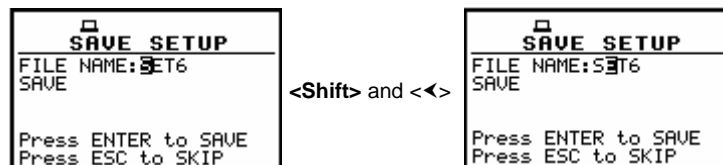
The user can skip the setup file's name edition and start saving file pressing the <ENTER> push-button or return to the **FILE** window pressing the <ESC> one.

The edition process is presented on the Figure below. The highlighted character is edited with <<>, <>> push-buttons. The name cannot exceed eight characters.



Display during the process of setting the character in the edited name

One can select the proper character's position in the edited text using the <<>, <>> push-buttons.

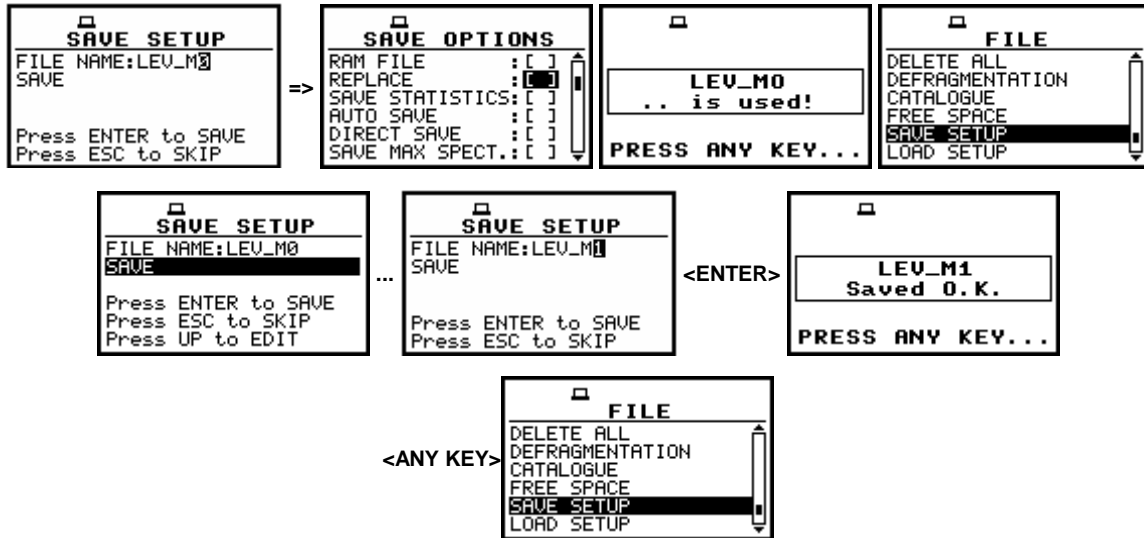


Display during the selection of the character's position to be edited

The edited name is accepted and the setup file is saved after pressing the <ENTER> push-button. The special warning is displayed in the case the file with the edited name already exists in the memory, if the **REPLACE** is not activated (*path: FILE / SAVE OPTIONS*). The instrument waits then for a reaction of the user (any push-button should be pressed except the <Shift>).

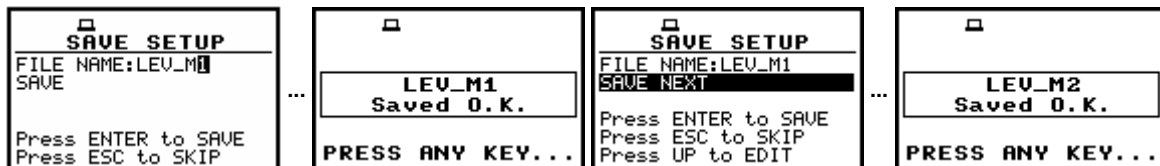
All changes introduced to the setup file name during the edition are ignored after pressing the <ESC> push-button. This pressing causes the return to the list from which the **SAVE** option was entered. The return after the edition to the line with the **SAVE** or **SAVE NEXT** text is possible after pressing the <Shift> and <>> push-buttons.

The simplified edition consists in the addition at the end of the file name the natural number. The increase by one of the number is made automatically. After the saving operation execution the new setup file name is displayed and the instrument waits then for a reaction of the user (any push-button should be pressed except the <Shift>).




Displays during the attempt of overwriting the existing file, changing the name and saving data

In the next attempt of saving data, the new name is displayed in the **FILE NAME** line and that name is increased by one during the saving operation.

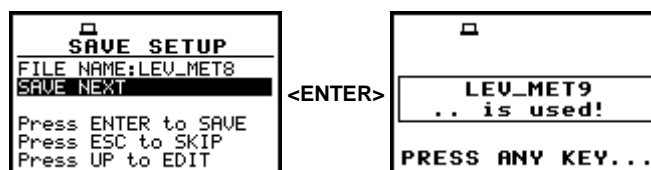


Saving SETUP file using SAVE NEXT option

The number can be changed from 1 to 999999. In the case when such limitation is achieved and the instrument can not change automatically the file's name the only possibility is to edit new base file name.



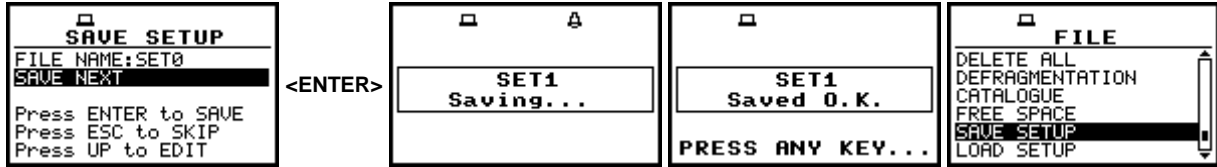
Notice: The files can be overwritten (the use of the same file name) **without any warning** if the **REPLACE** option is switched on (path: FILE / SAVE OPTIONS / REPLACE).



Saving setup with SAVE NEXT option and the message in the case when the file already exists



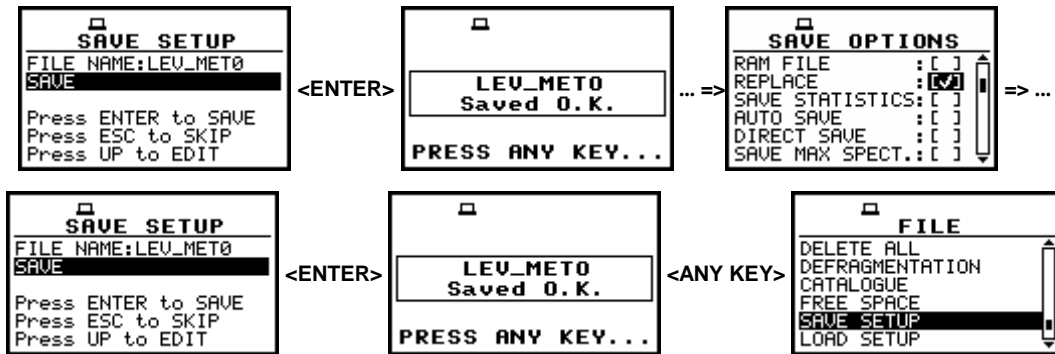
Notice: During the execution of the **SAVE** or **SAVE NEXT** function an additional window is displayed informing about the operation performed. This window can be unnoticed by the user as it appears for the short time.



Displays during and after the execution of the **SAVE** operation

As it was already written, it is not possible to store the data in the file, which already exists, when the **REPLACE** is not active ([]) (path: **FILE / SAVE OPTIONS / REPLACE**).

The presented below sequence of displays illustrates the situation when during the name-edition process, the user selected the name that was used before but this time the **REPLACE** is active. The setup file is overwritten, the instrument displays a special message and waits for the reaction of the user (any push-button should be pressed except the **<Shift>** and after pressing a push-button it returns to the **FILE** window.



Displays after the attempt to overwrite a file if **REPLACE** is active

8.10 Loading the files with the setup settings - **LOAD SETUP**

The **LOAD SETUP** is used for loading setup setting file from the FLASH DISC (e.g. for performing different type of measurements with different instrument's settings). It is possible to load **FILE SETUP** or **STANDARD SETUP**.




FILE window with **LOAD SETUP** text highlighted and **LOAD SETUP** window with available options

8.10.1 Loading setup file - **FILE SETUP**

In the **FILE SETUP** window, the user can select setups saved previously by **SAVE SETUP** option (path: **FILE / SAVE SETUP**).



FILE SETUP window; selection the file for loading

 **Notice:** It is not possible to load the file during the execution of the measurements. On such attempt the message: **MEASUREMENT IN PROGRESS** is displayed for about 3 seconds.

In the case when the setup files were not saved, after entering the **LOAD SETUP** window, the **NO FILES** text is displayed and the instrument waits for the reaction of the user. The user should press then the **<ESC>**, **<ENTER>** (the instrument returns to the **FILE** window) or **Start / Stop** push-button (the instrument starts the measurement).



Display during the execution of LOAD SETUP operation

The current number of the setup file and the total number of the saved setup files is displayed in the first line of the **LOAD SETUP** window. The name of the file is displayed in the second line (its current number is presented in the first line). The date and time of the **SAVE SETUP** operation is displayed in the fourth and fifth line respectively.

8.10.2 Standard setup loading - STANDARD SETUP

In the **STANDARD SETUP**, it is possible to select one of the standard setups and load it. Available setups are as follows: **OSHA**, **MSHA**, **DOD**, **ACGIH**, **ISO 85**, **ISO 90**. The settings of the setups are presented below. Other settings are the same as after the **CLEAR SETUP** operation.

	OSHA	MSHA	DOD	ACGIH	ISO 85	ISO 90
Detector	Slow	Slow	Slow	Slow	Fast	Fast
Filter (first profile)	A	A	A	A	A	A
Exchange rate	3	3	3	3	3	3
Threshold Level	80 dB	80 dB	80 dB	80 dB	70 dB	70 dB
Criterion Level	90 dB	90 dB	85 dB	85 dB	85 dB	90 dB

STANDARD SETUPS parameters



STANDARD SETUP loading