

# **ARES Import**

**USER GUIDE**

# Contents

ARES Import.....	3
I - 1 - Nagra ARES-C.....	4
I - 2 - PCMCIA memory cards.....	4
II - 1 - Running the software.....	5
III - 1 - Configuration.....	5
III - 1 - a - Sound card.....	6
III - 1 - b - Import format.....	6
III - 1 - c - ATA cards.....	7
IV - 1 - Data display.....	7
IV - 2 - Information.....	8
IV - 5 - Selecting files.....	9
IV - 6 - Functions.....	10
IV - 7 - Selecting import format .....	12
V - 1 - Importing files.....	13
VI - 1 - Closing the software.....	13



## I - 1 - NAGRA ARES-C

ARES-C is a 16-bit, no-tape player/recorder using “PC-Flash” memory card technology. Information can be stored as needed in MPEG-2 (mono and J-Stereo), G722,  $\mu$ -Law or A-Law compressed format.



NAGRA ARES-C

Equipped with an integrated editor, the ARES-C offers editing functions such as cut, paste copy, etc. The editing is done thanks to the IN and OUT points.

The editing of these data saved on the PCMCIA card is entirely “virtual”. It means that the original element remains intact, contrary to an editing with an audio tape. The editing is done by creating an “Edit Decision List” (EDL) who represents a list of IN and OUT points. When an EDL is read, the microprocessor connect all the sections located in the original element.

The virtual editing offers various advantages since the original remains intact, it is possible to create several EDLs from the same source, until the expected result. An EDL takes little space on the PCMCIA card, so even when the card contains a lot of audio recordings, there is still enough space for several editing files.

**ARES Import enables to access to these data and to import them generating an audio document from EDLs IN and OUT points.**

## I - 2 - PCMCIA memory cards



FLASH type PCMCIA cards (many brands are available) can be read either from a Nagra ARES-C connected to the PC, or from an integrated FLASH card reader.



### III - 1 - a - Sound card

The “Settings/Play options” menu permits to select the audio type card set on the PC.

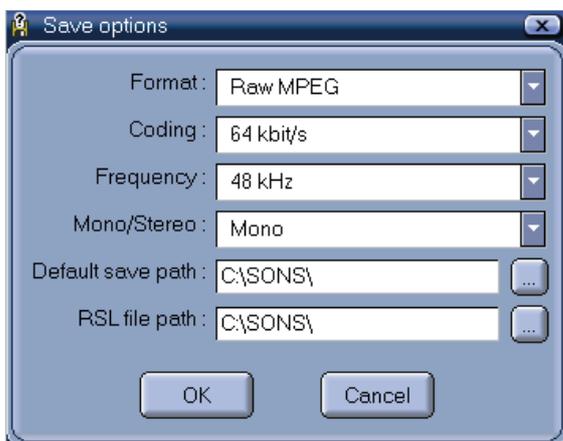


Select the type of sound card by ticking the radio button and validate by clicking on “OK”.

By default, this dialog box shows the option related to the sound card set on the PC. The non available option is displayed in shades of grey. However, concerning the DIGIGRAM cards, if the Wave driver is set, the both options are accessible.

### III - 1 - b - Save options

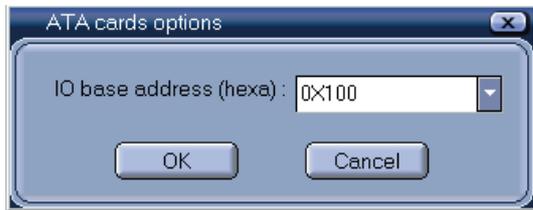
The “Settings / Save options” menu enables to parametrize the file import format, and to select the directory in which there will be saved.



The RSL File Path menu enables to select the directory in which the RSL files will be saved. A RSL file is a witness file of the imported document via the “Save” and “Save as” functions. It can be used to transfer documents to a digital database.

### III - 1 - c - ATA cards

The “Settings / ATA cards options” menu enables to parametrize the software in order to read ATA type PCMCIA cards. Thus, it is necessary to select a free memory zone located between 0X100 and 0X400 with a 15 bytes length.

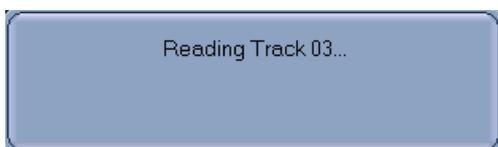
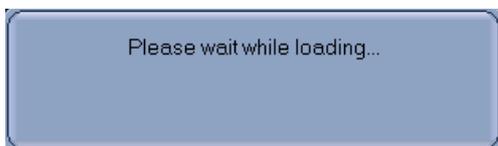


### IV - 1 - Data display

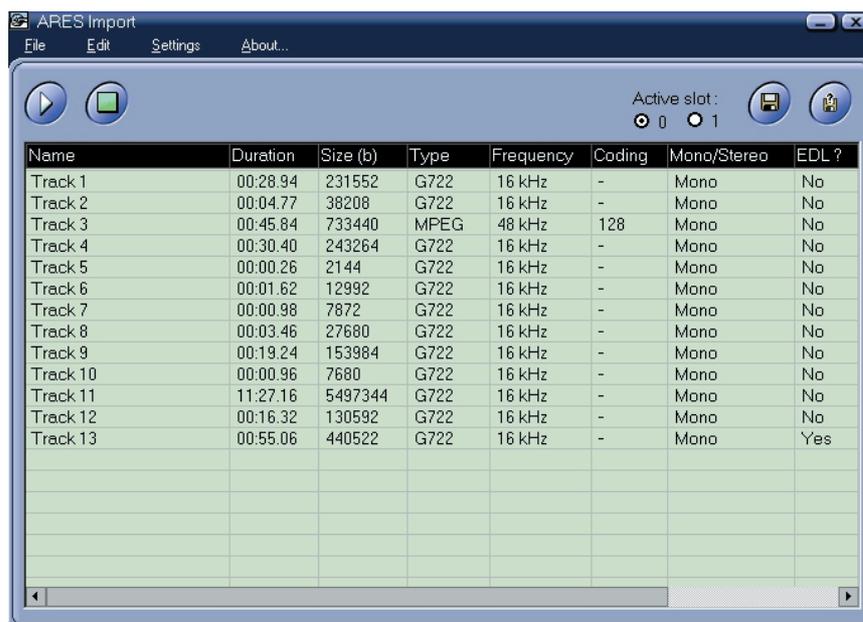
**Active slot :** If the PCMCIA reader owns two slots for two cards, this function allows to select the card which should be read. To select it, tick the “radio” button corresponding to the slot.



Once a card is inserted in the PCMCIA reader , the software reads all the available datas on the card, and extract them as a file list.



## IV - 2 - Information



The screenshot shows the ARES Import application window. At the top, there is a menu bar with 'File', 'Edit', 'Settings', and 'About...'. Below the menu bar is a toolbar with a play button, a stop button, and an 'Active slot' indicator showing '0' and '1'. The main area contains a table with the following data:

Name	Duration	Size (b)	Type	Frequency	Coding	Mono/Stereo	EDL ?
Track 1	00:28.94	231552	G722	16 kHz	-	Mono	No
Track 2	00:04.77	38208	G722	16 kHz	-	Mono	No
Track 3	00:45.84	733440	MPEG	48 kHz	128	Mono	No
Track 4	00:30.40	243264	G722	16 kHz	-	Mono	No
Track 5	00:00.26	2144	G722	16 kHz	-	Mono	No
Track 6	00:01.62	12992	G722	16 kHz	-	Mono	No
Track 7	00:00.98	7872	G722	16 kHz	-	Mono	No
Track 8	00:03.46	27680	G722	16 kHz	-	Mono	No
Track 9	00:19.24	153984	G722	16 kHz	-	Mono	No
Track 10	00:00.96	7680	G722	16 kHz	-	Mono	No
Track 11	11:27.16	5497344	G722	16 kHz	-	Mono	No
Track 12	00:16.32	130592	G722	16 kHz	-	Mono	No
Track 13	00:55.06	440522	G722	16 kHz	-	Mono	Yes

### Files list

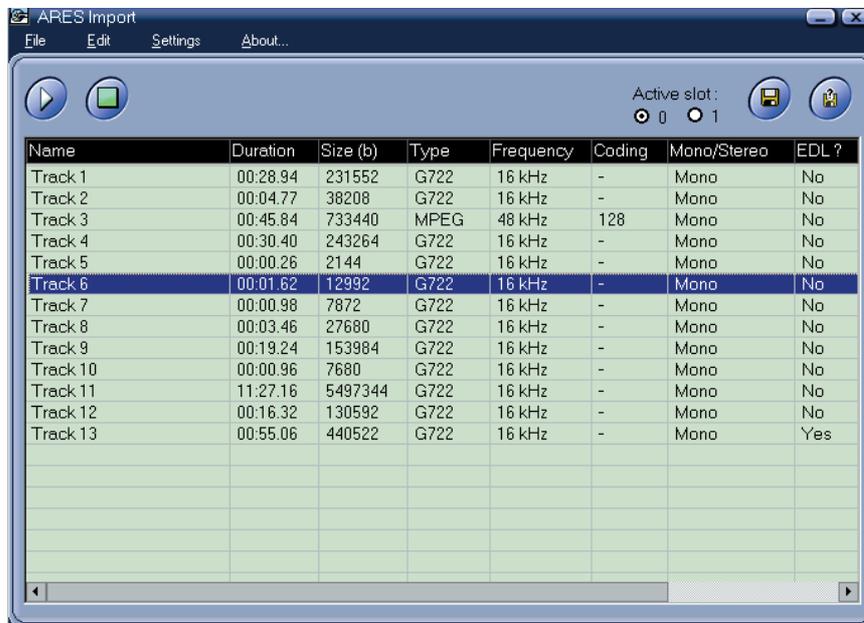
Each column displays a piece of information relating to the files :

Name	:	name of the file.
Duration	:	duration of the file in "Minutes : Seconds : Hundredth".
Size (b)	:	size of the file in bytes.
Frequency	:	sampling frequency in Hz.
Type	:	MPEG , G72, linear wave, etc.
Coding	:	encoding flow of file in Kbps.
Mono/Stereo	:	mono or stereo.
EDL	:	yes / no, indicate if the file is an edited file.
Record date	:	record date and time of the document on the card.

## IV - 3 - Selecting a file

To select a file, one click on the line is required.

The Ctrl and Shift keyboards allow to select several files at once.



The screenshot shows the ARES Import application window. The title bar reads "ARES Import". The menu bar includes "File", "Edit", "Settings", and "About...". Below the menu bar are playback controls (play, stop) and "Active slot:" with radio buttons for "0" and "1". The main area contains a table with the following data:

Name	Duration	Size (b)	Type	Frequency	Coding	Mono/Stereo	EDL ?
Track 1	00:28.94	231552	G722	16 kHz	-	Mono	No
Track 2	00:04.77	38208	G722	16 kHz	-	Mono	No
Track 3	00:45.84	733440	MPEG	48 kHz	128	Mono	No
Track 4	00:30.40	243264	G722	16 kHz	-	Mono	No
Track 5	00:00.26	2144	G722	16 kHz	-	Mono	No
Track 6	00:01.62	12992	G722	16 kHz	-	Mono	No
Track 7	00:00.98	7872	G722	16 kHz	-	Mono	No
Track 8	00:03.46	27680	G722	16 kHz	-	Mono	No
Track 9	00:19.24	153984	G722	16 kHz	-	Mono	No
Track 10	00:00.96	7680	G722	16 kHz	-	Mono	No
Track 11	11:27.16	5497344	G722	16 kHz	-	Mono	No
Track 12	00:16.32	130592	G722	16 kHz	-	Mono	No
Track 13	00:55.06	440522	G722	16 kHz	-	Mono	Yes

## IV - 4 - Functions

The following functions are applicable to all selected audio files :



Play : permits to pre-listenning a file before importing.



Stop : stop the current playing.

During the listening of a selected file, a counter and a progress bar progress move proportionally to time spent.



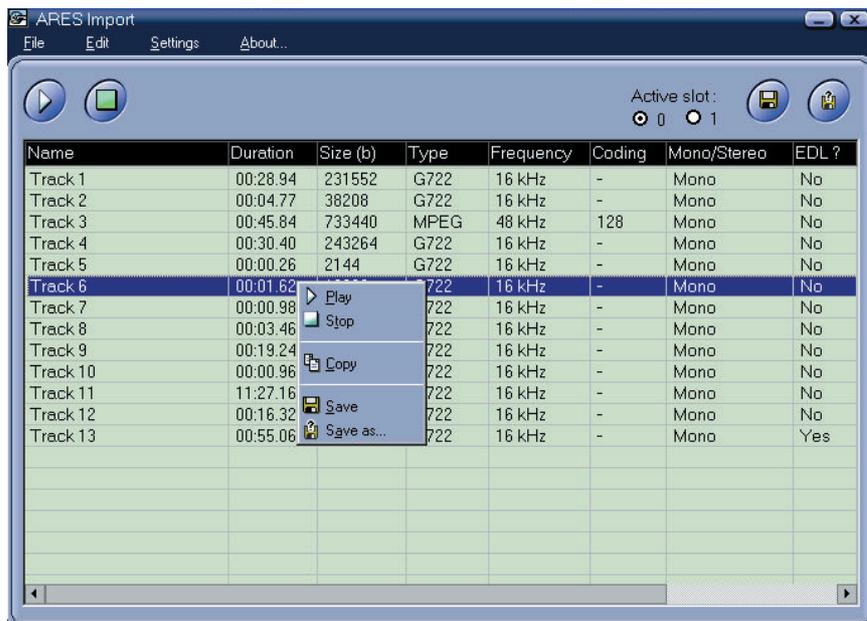
Save : imports documents, in the format and directory preset in the Save options menu. This function permits to import several documents at once.



Save as... : open the “Save as” dialog box which permits to rename and modify the format and the directory in which the document will be imported .

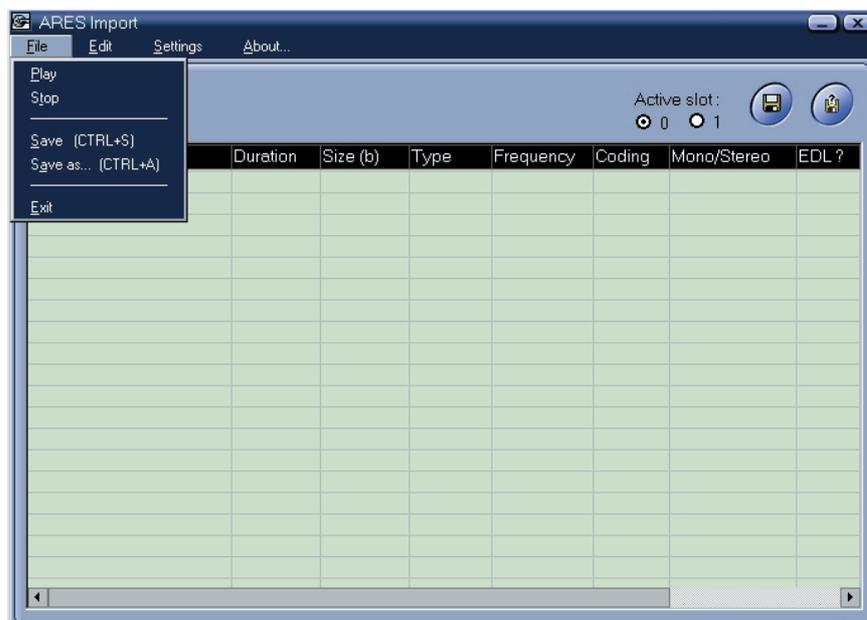
These functions are also available :

- by clicking on the line of the file with the right button of the mouse :



Copy : (copy/paste) enables to copy one or several selected documents and to paste them in the chosen directory. Under this mode, the documents will be imported in the preset format. The shortcuts Ctrl+C (copy) and Ctrl+V (Paste) can be used for these functions.

- From the “File” menu :

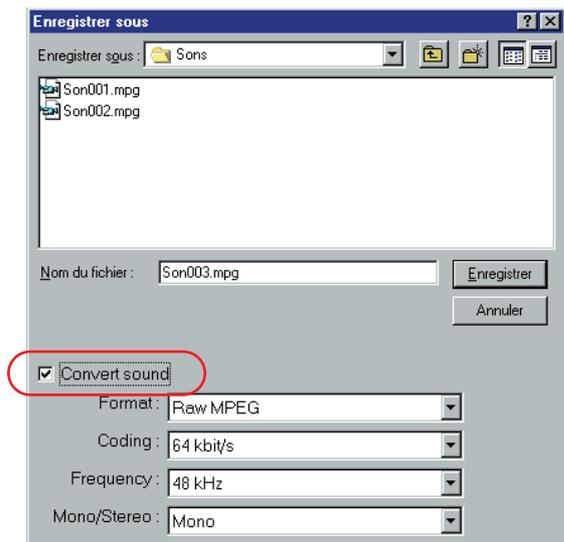


## IV - 5 - Selecting the import format

The “Save as” dialog box enables to rename the file if it’s necessary, as well as to select the import format.



By default, when the dialog box is displayed the parameters of back up are “grayed”. It means that the file will be imported in the same format as the card.



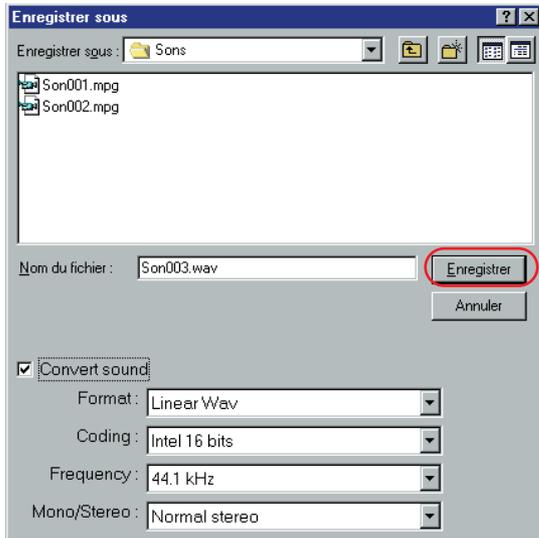
To save the selected file by respecting the established parameters during the configuration (See Chapter III - 1 - b - Import format) it is necessary to tick the “Convert sound” box.



It is also possible to modify the import format by selecting among the different proposed options, thanks to the dropdown menu.

## V - I - Importing the files

When the import file is chosen, click on the “Save” button in the dialog box in order to validate and to import the selected file.



A window enables to visualize the progress of the operation.



The “Cancel” button allows to stop the current action.

The imported files are now available in the chosen format and directory. **It is also possible to import one or several documents with the drag&drop mode to the directory of your choice.** The documents will be imported in the preset format.

## VI - Closing the software

To close the software :

- click on the cross in the top right-hand corner of the window



- in the “Files” menu, click on “Exit”.