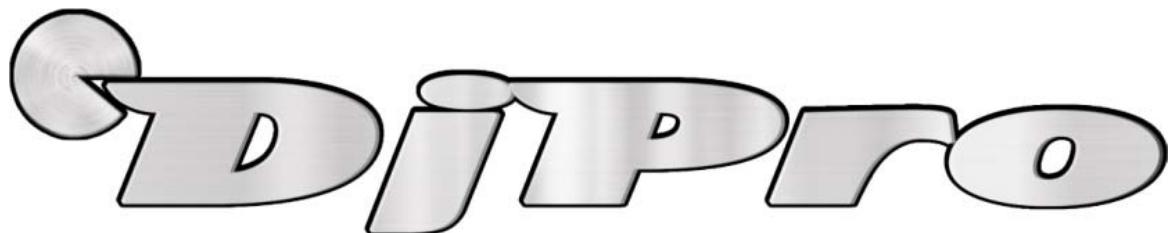


DJ PRO ENTERPRISE



User Manual
Version 11.0



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2 INTRODUCTION

'ADMINISTRATOR TOOLS' is an application for the **DJ-PRO system administrator**. It contains various functions to manage archives, users and configurations plus various utility programs.
Click [Admin] from the Dj-Pro main menu to open the Administrator Tools window:



Different **Administrator Tools** sessions can be opened at the same time; in fact if the program is already open when you try to open it again the follow question appears on the screen:

"The program is already open. Create a new session ?"

- If you answer NO, the Administrator Tools program previously opened will come to the foreground.
- If you answer YES a second Administrator Tools will be opened. In this case make sure you **do not carry out conflicting operations between the program sessions.**



Displays the LOG of the operations carried out from the menu during the day.



Opens a box to search for elements in one or more archives. The search can be made using various filters according to the text entered.



The Unlock function resets the correct access to archives by all users in the case of a lock on records usually caused by a forced exit from the program during the modification of data (for example due to a power failure and consequent switching off of the PC).



The **maintenance** operation optimises the archive and recreates indexes; if the delete audio files function has been selected it eliminates the audio files from the records that have been removed from the data entry/edit categories box.

This is a “delicate” operation that must only be performed by users with ADMIN authorisation. During the execution of the operation the archive cannot be accessed to edit, add or delete records. **See relevant section in this manual**



Opens program setup which can be personalised through a series of parameters.



Closes the program.

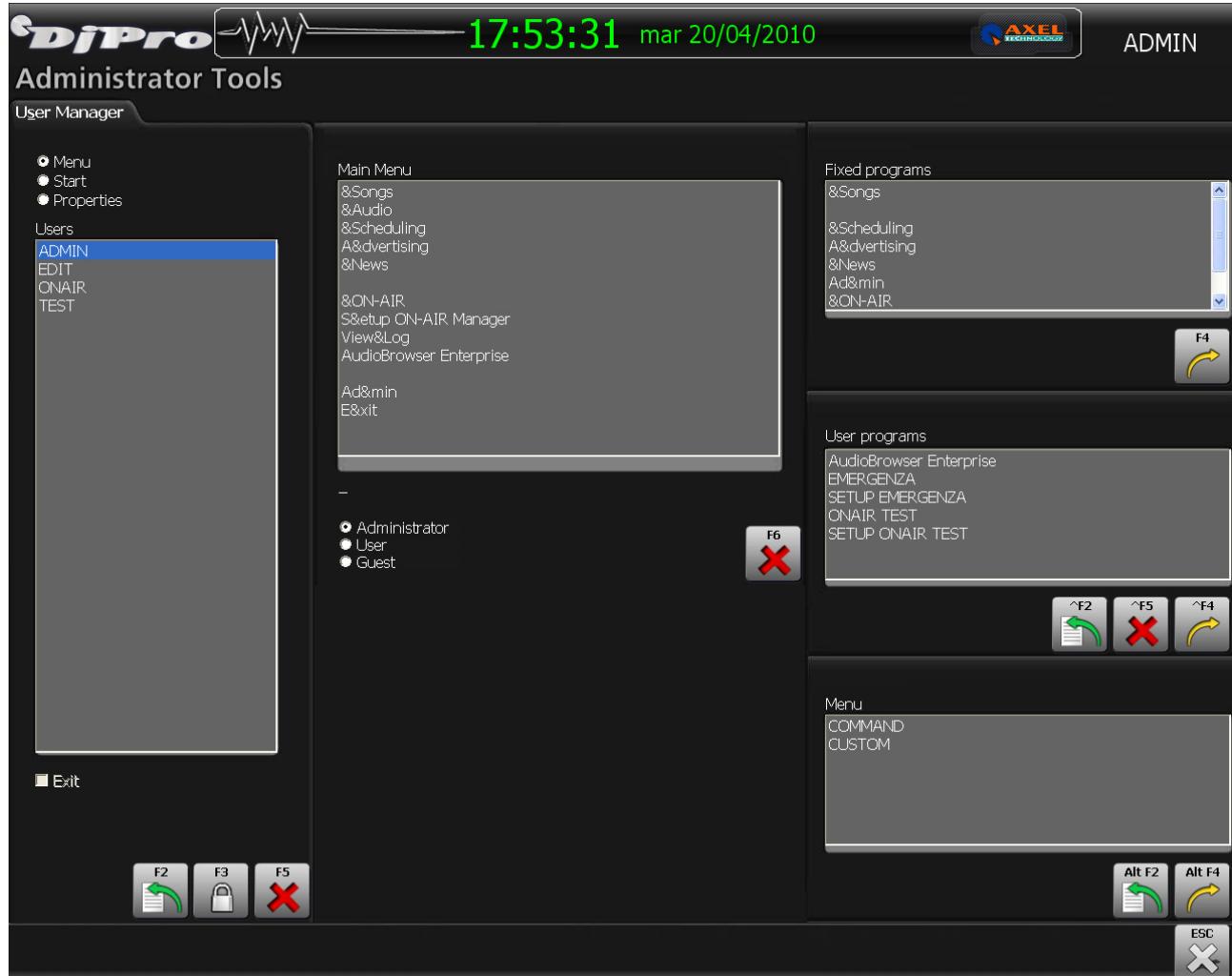


Click on the Windows logo on the bottom left of the screen to open the Windows applications bar.

3 USER MANAGER

User Manager is the module for the management of DJ-PRO users: for each user it is possible to define which programs can be used and how they can be used.

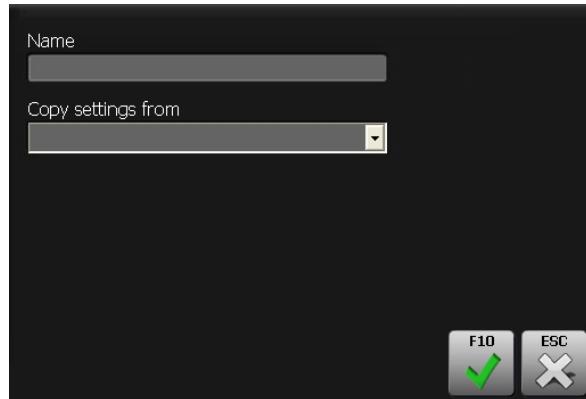
The main window is:



3.1 ENTERING A NEW USER

The first operation that the DJ-PRO administrator must carry out is to create the users. Each user is univocally identified by a Name. **On first access, ADMIN is the only default user present which is an administrator type user.**

 On the left of the screen there is the list of Users already created. To add a new user click **[F2]** under the list; the following box will appear:



The administrator has to simply enter the user name (max. eight characters) and select whether to copy settings from an existing user by selecting it from the list. To create new settings do not select any user from the list (default).

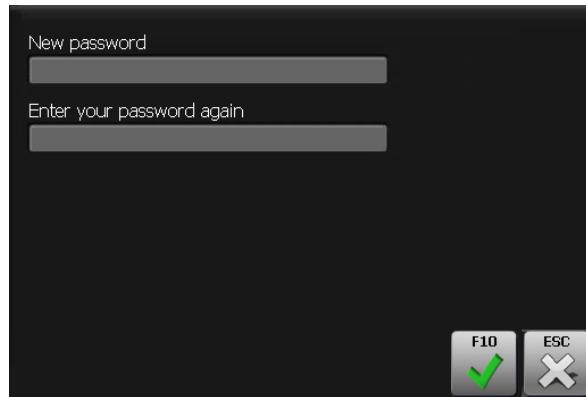
Click **[F10]**. The new user is now included in the list.

3.2 EDITING A USER PASSWORD

A password can be associated with each user for safer access to applications. Only administrator type Users can access the function to edit passwords. The procedure is as follows:



- select the user from the list by clicking on the name;
- click **[F3]**, and the following box will appear on the screen:



- enter the new password twice (the second one is for confirmation) and click **[F10]** to save the new password.

Important: every user must memorise his/her password.

3.3 DELETING A USER



- If a user is no longer necessary delete it by simply selecting the name from the list, clicking **[F5]** below the user list and confirming the deletion. The name will be eliminated from the list.

3.4 CONFIGURING THE MAIN MENU

The administrator has the important task of assigning the applications to the various users. Each user has a main menu which can be made up of the following:

Fixed programs: DJ-PRO basic applications such as 'SCHEDULE MANAGER', 'SONG MANAGER' and 'AUDIO MANAGER';

User programs: other applications defined by the Administrator such as the visualisation of certain manuals or other programs.

Menus: menu items which in turn can be made up of fixed programs, user programs and menus.

Select a user from the list to display the user's Main Menu in the centre of the screen. At first the menu is empty; to fill it add fixed programs, user programs and menus.

3.5 ADDING A FIXED PROGRAM

Select a program from the **Fixed programs** list and drag it with the left hand button of the mouse; drop the program into an empty space of the Main Menu list: the description of the fixed program will appear in the Main Menu.

A slower but equally effective method can be used to carry out this operation:



- select a position of the Main Menu;
- select a fixed program;
- press **[F4]** under the fixed programs list.

3.6 EDITING A FIXED PROGRAM

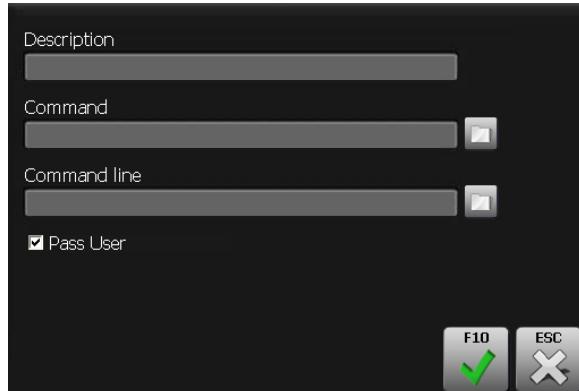
The description of a fixed program can be edited (but not the command line). Double click on the description in the fixed programs list, edit the description and click **[OK]**. The new description will appear in the list (and in the Main menu) instead of the previous one.

3.7 ADDING A USER PROGRAM

The administrator can define other programs not included in the fixed ones. A user program is univocally defined by a command; a description must be associated with each command.



Click **[^F2]** below the user programs list and the following box will appear on the screen:



Enter the description (e.g. AudioBrowser), enter the command (e.g. M:\RADIO\BIN\DEABROWSER.EXE) and the Command Line (e.g. M:\CONFIG) and click **[F10]**. The new description will be included in the user programs list.

The administrator must not make mistakes when entering the command lines.

NOTE: if the “**Pass User**” parameter has been selected, the user name is passed to the associated program and consequently also the restrictions.

3.8 EDITING A USER PROGRAM

The description and command of a user program can be edited. Double click on the description in the list, edit the description and click **[F10]**. The new description will appear in the list (and in the Main menu) instead of the previous one.

3.9 ADDING A USER PROGRAM

Select a program from the **User programs** list and drag it with the left hand button of the mouse; drop the program into an empty space of the Main Menu list: the description of the user program will appear in the Main Menu.

A slower but equally effective method can be used to carry out this operation:



- select a position of the Main Menu;
- select a user program;
- press **[^F4]** under the fixed programs list.

3.10 DELETING A USER PROGRAM



An unused use program can be deleted: Select the line of the program to be deleted and click **[^F5]**. The program will be deleted from the user program list; if the program to be deleted appears in a user MENU the following message will appear:



There are three possible answers:

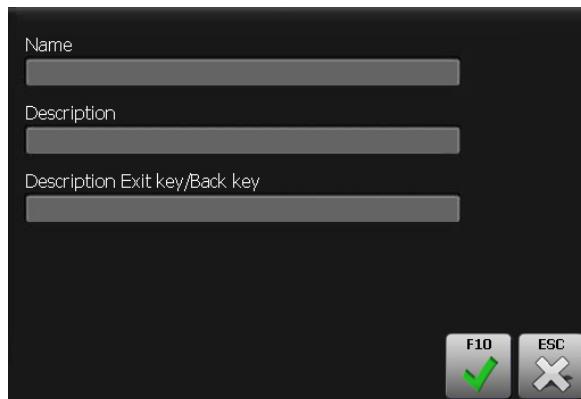
- “Yes”: to delete the program from the user programs list and from the menus of ALL users;
- “No”: to delete the program ONLY from the user programs list;
- “Cancel”: to interrupt the procedure to delete the program.

3.11 CREATING A NEW MENU

The Main Menu is associated with all users and in addition the administrator can specify other menus. A menu is univocally defined by a name; a description for the menu and a description for the key to return to the previous menu must be associated with each menu. For example Main Menu is the description of the COMMAND menu, the menu that all users have (empty when the user is created).



To add a new Menu click **[Alt F2]** under the Menu list; the following box will appear:



Type the name (max. ten characters), enter the description, enter the description of the Back key and click **[F10]**; the new name will appear in the menu list.

3.12 EDITING A MENU

The descriptions of a menu can be edited but not the name which is necessary to maintain its univocal nature. Double click on the description in the list, edit the description and click **[OK]**. The new descriptions will appear in the list (and in the Main menu) instead of the previous ones.

3.13 ADDING A MENU

Select an item from the **Menu** list and drag it with the left hand button of the mouse; drop the item into an empty space of the Main Menu list: the description of the user menu will appear in the Main Menu.
A slower but equally effective method can be used to carry out this operation:



- select a position of the Main Menu;
- select a user menu;
- click **[Alt F4]** below the menu list.

Note: The COMMAND menu cannot be added as it is already associated with all users.

3.14 CONFIGURING A MENU DIFFERENT FROM THE MAIN ONE

To configure a menu different from the main one select it by double clicking on the position of the Main Menu where there is the description. At this point the list of the Main Menu will disappear and the list of the selected Menu will appear; the first time it will be empty except for the last position which contains the description of the Back key. The other positions can be filled with fixed programs, user programs or menus using the functions previously described.

To return to the Main Menu (or previous menu) double click on the Back key.

3.15 CONFIGURING THE START MENU

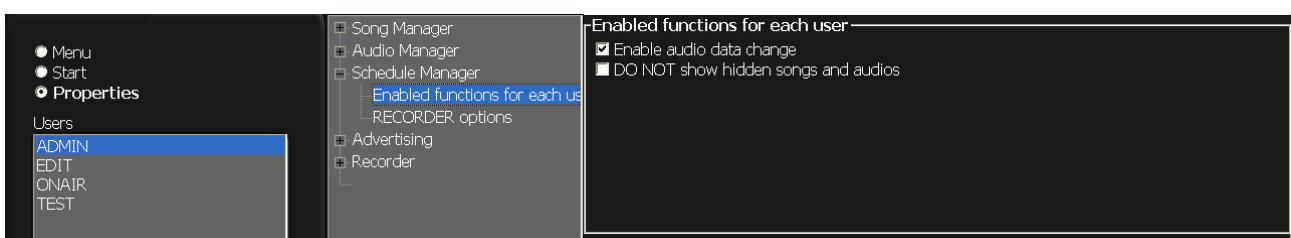
Every user is associated with a Main Menu from which to select the applications but can also be associated with applications which run when the user accesses the Menu.

To define said applications the administrator must select the user and enable the **Start** option. Instead of the Main menu, the user will see the Start menu which can be configured with fixed programs and user programs as previously explained.

To return to the Main Menu configuration, the **Menu** option must be enabled.

3.16 USER PROPERTIES

For each single user it is possible to enable or disable certain functions of the various DJ-PRO applications. To do this you must select a user and enable the **Properties** option. The list of the DJ-PRO applications and functions available will appear on the screen:



The figure above shows the functions of the Schedule Manager application enabled for the ADMIN user; in this case the *enable audio data change* has been flagged while the *do not show hidden songs and audios* has not been flagged.



This key at the bottom of the screen is used to copy the configuration of another user, replacing the one of the user selected.

IMPORTANT: The operation cannot be cancelled and is not reversible.

3.17 EXIT

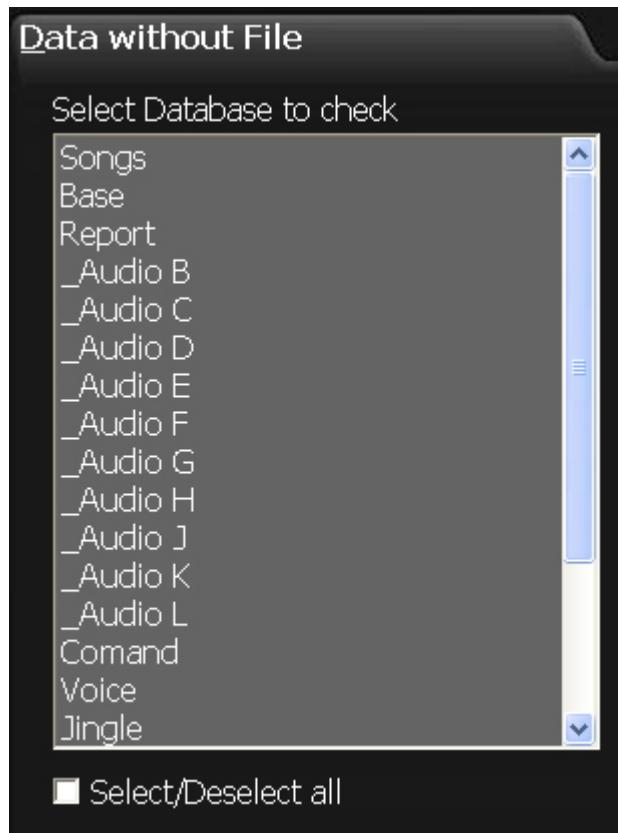


Every change made from User Manager is immediately applied therefore it is sufficient to click [ESC] to exit.

4 DATA WITHOUT FILE

'DATA WITHOUT FILE' is the function to verify if the audio (file) specified is available for each file in the archive.

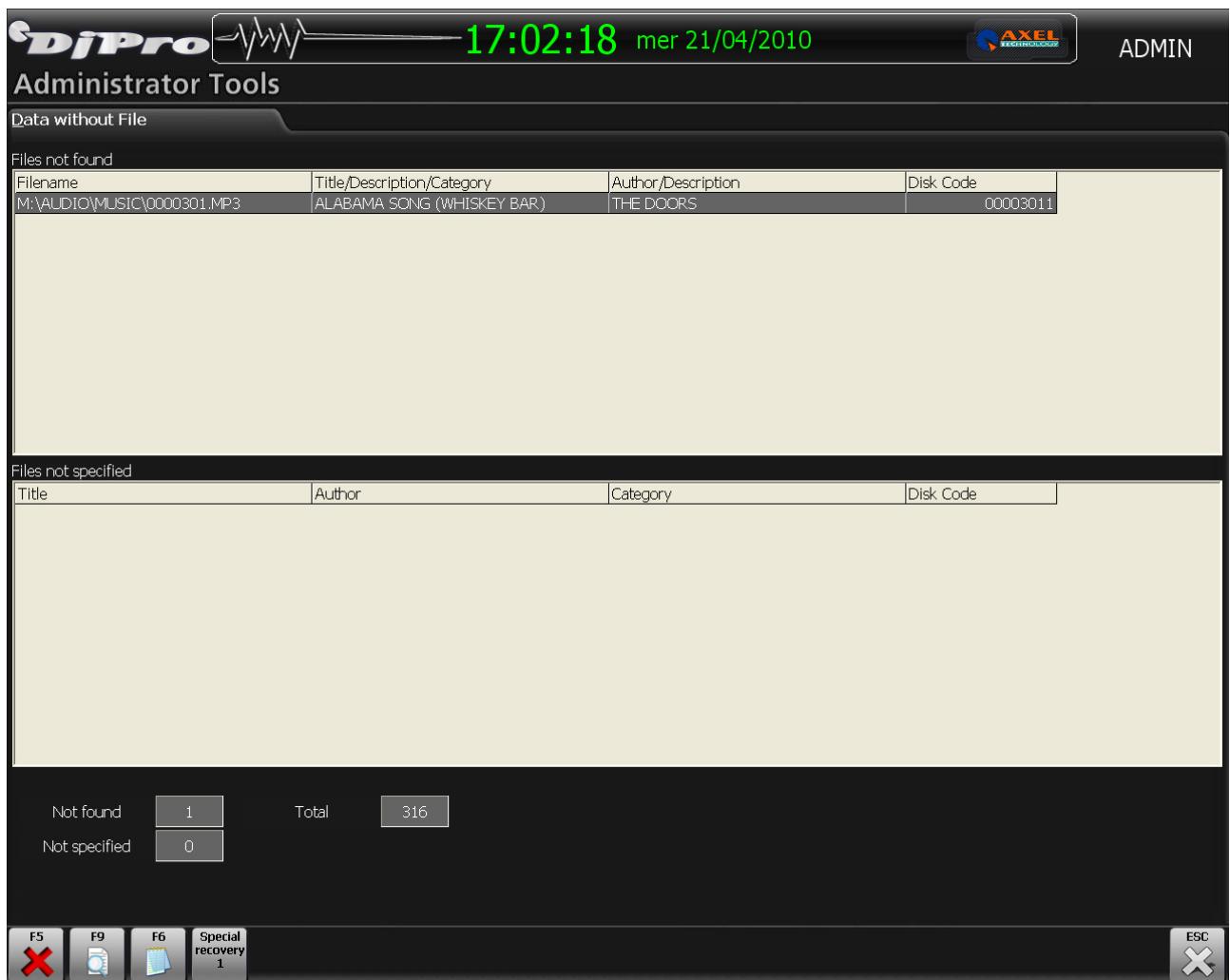
To enable this function click **[Data without File]**; a list of the databases which can be checked will appear:



This function is very useful to "clean" the disk and remove the audio files which are not used on air as they are not associated with Dj-Pro data and therefore only take up space.

The search can be carried out selecting one single archive, more than one archive (keep the Ctrl or Shift key pressed and clicking on the items required) or all archives (select the **Select/Deselect all** option).

After having made the selection click **[F10]** to access the main window of this function; the window lists all the data without audio file (top table) or the data for which no audio file is specified (bottom table).



Click [F6], to copy the content of the two tables in a text file which can be saved, printed, or other.



The [F9] key appears when the program setup specifies that the correctness of the times of the CANFONTI (song archive) must be checked. When you click it, the list of songs with incorrect time values will appear (e.g.: Pause > Duration, Entry > Intro) even when the relevant audio file is present.



If only one database is selected to be checked, the [F5] will appear; with this key it is possible to delete all the files of the *Files not found* list.

Note: This function should only be used by the Administrator.

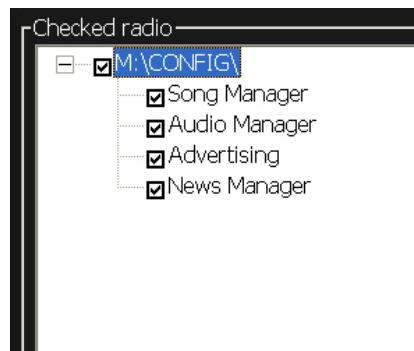


To exit just click [ESC].

5 FILE WITHOUT DATA

'FILE WITHOUT DATA' is the function that makes it possible to delete/move the audio files present in the DJ-PRO folders which however are not associated with any data as they originate from deleted or incorrectly entered data (the opposite of 'DATA WITHOUT FILE').

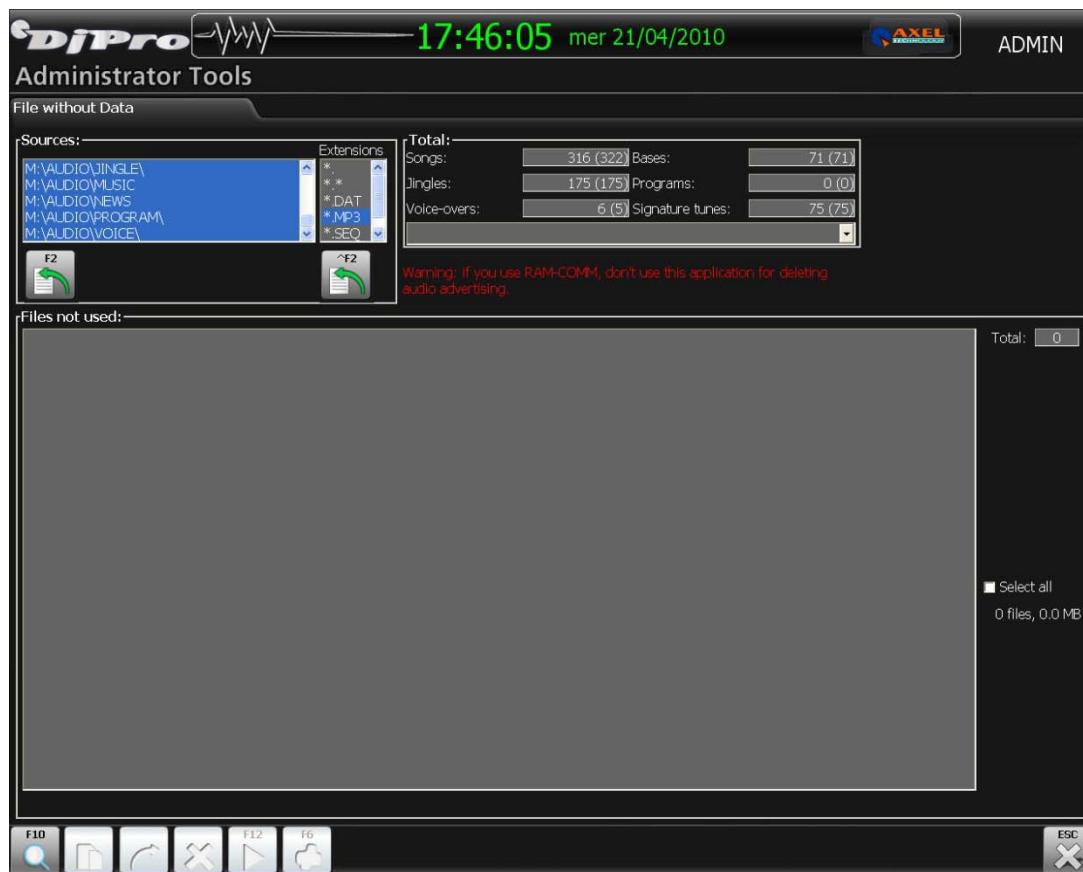
By clicking on [File without Data], a window will appear for the selection of the radio/s on which to apply the function and the list of archives to be checked for correspondence.



Select the items required then click [F10]; the search window will open.

The check for correspondence of certain archives may take a few minutes. To interrupt the check procedure click [ESC] which appears on the top right during the execution of the function.

The main window is as follows:



FILE WITHOUT DATA

The folders and extensions for the search of unused files are automatically loaded by the program; to add a folder or extensions for the search click [F2] under the relevant list.



Click [F10] to start the check.

For example it is possible to check that all files with .MP3 extension present in the M:\Musical\ folder are present in the archive; the group of archives to be searched is the one selected at the beginning from the radio/s selection window:

M:\AUDIO\ADV\BUD1.MP3	661,421 14/12/2009
M:\AUDIO\ADV\COCA.MP3	640,398 15/11/2006
M:\AUDIO\ADV\COLGATE.MP3	584,684 15/11/2006
M:\AUDIO\ADV\PPIPPO.MP3	789,942 13/02/2009
M:\AUDIO\ID\0001.MP3	120,999 02/09/2008
M:\AUDIO\ID\0002.MP3	139,180 02/09/2008
M:\AUDIO\ID\0003.MP3	97,802 02/09/2008
M:\AUDIO\JINGLE\STATION6.MP3	195,604 01/11/1999
M:\AUDIO\JINGLE\STATION7.MP3	195,604 01/11/1999
M:\AUDIO\MUSIC\0000001.MP3	10,687,549 29/10/2008
M:\AUDIO\MUSIC\0000002.MP3	7,269,559 29/10/2008
M:\AUDIO\MUSIC\0000003.MP3	7,626,939 29/10/2008
M:\AUDIO\MUSIC\0000004.MP3	8,130,395 11/01/2008



To print the list click [F6]; if they are audio files click [F12] to listen to them. If you are sure that these files are not required for any archive, that you do not want to keep them and that they will not be necessary in future, they can be deleted, moved into another folder or copied in another folder.

NB: Files are permanently deleted!!! Eliminated files cannot be recovered!!!

Warning: if the RAM-COMM management program is used, the advertising audios must never be deleted even if they may be listed as not used by this utility.

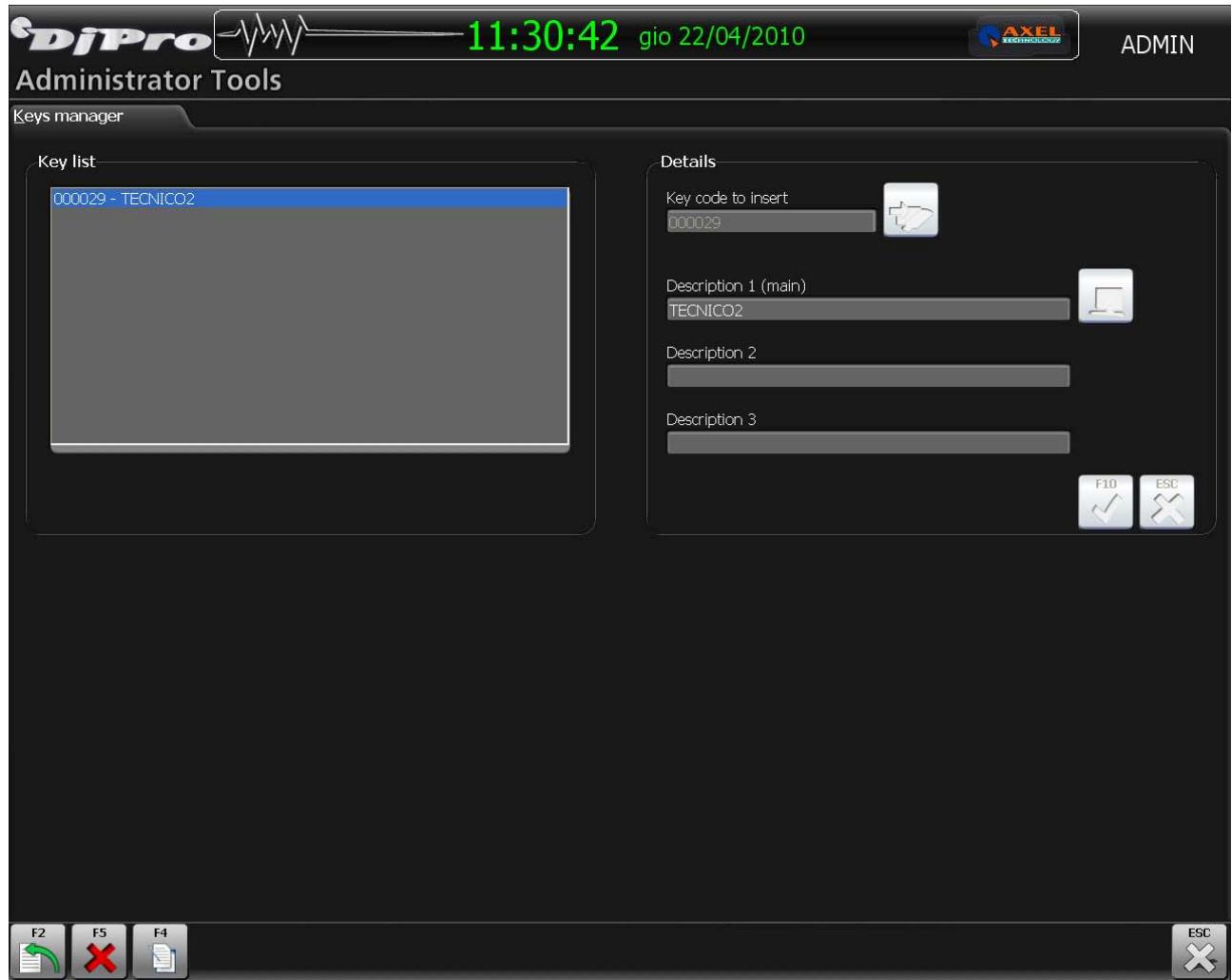


To exit just click [ESC].

6 KEYS MANAGER

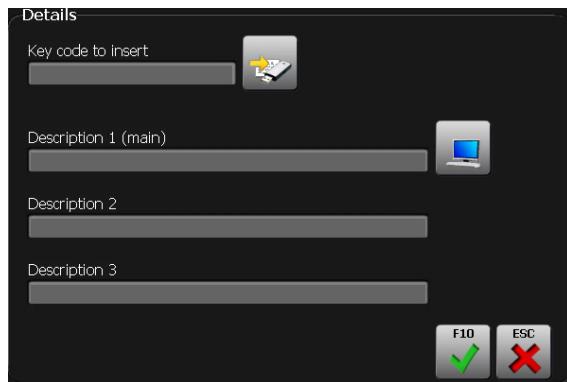
'KEYS MANAGER' is a utility to associate a description with every protection key used on PCs of the DJPRO system. This favours the univocal identification of each computer making it possible to track the origin of a lock on a database.

The main window is:



it shows the list of keys present in the <keycode> - <description1> format where the main description is usually the name of the computer.

Click [F2] to enter a new key and the **Details** box will open:



If you do not know the code of the key of your computer click the key for the automatic insertion of the code and click **[F10]** to confirm.



In the same way, to enter the name of the computer in the *Description 1* field click on the special key that reads the name automatically.

Click **[F10]** to confirm or click **[ESC]** to cancel changes.



Use the three keys on the bottom left of the screen to enter, delete or edit the descriptions associated with the keys.



To exit the application click **[ESC]** in the bottom right corner.

7 KEYS UNLOCK

'KEYS UNLOCK' allows the administrator to display and change the user accesses to databases.



Click the padlock shaped key on the Administrator Tools main menu to activate the function:

The screenshot shows the DJPro Administrator Tools interface with the 'Keys Unlock' tab selected. On the left is a table with columns 'Section', 'Entity', and 'Field'. The table lists various database sections and their corresponding entities and field values. On the right, there are three buttons labeled 'Delete element', 'Delete Key', and 'Delete BLOCK'. Below these buttons is a section titled 'Key list' containing the text 'TECNICO2 - 000029'. At the bottom right are two small buttons: one with a green arrow and one with a red X.

Section	Entity	Field
M:\DBPRO\,DBF	MAX	0
M:\DBPRO\,DBF	PUBBLI	000000
M:\DBPRO\,DBF	PUBBLI	000029
M:\DBPRO\,DBF BASE	MAX	0
M:\DBPRO\,DBF CANFONTI	1	000000
M:\DBPRO\,DBF CANFONTI	2	000029
M:\DBPRO\,DBF CANFONTI	3	000029,00009501
M:\DBPRO\,DBF CANFONTI	MAX	3
M:\DBPRO\,DBF CAT20	MAX	0
M:\DBPRO\,DBF CAT21	MAX	0
M:\DBPRO\,DBF CAT22	MAX	0
M:\DBPRO\,DBF CAT23	MAX	0
M:\DBPRO\,DBF CAT24	MAX	0
M:\DBPRO\,DBF CAT25	MAX	0
M:\DBPRO\,DBF CAT26	MAX	0
M:\DBPRO\,DBF CAT27	MAX	0
M:\DBPRO\,DBF CAT28	MAX	0
M:\DBPRO\,DBF CAT29	MAX	0
M:\DBPRO\,DBF CAT30	MAX	0
M:\DBPRO\,DBF CATEGORIE	MAX	0
M:\DBPRO\,DBF CHECK	MAX	0
M:\DBPRO\,DBF CONFIG	MAX	0
M:\DBPRO\,DBF GARAGE	MAX	0
M:\DBPRO\,DBF GATE1	MAX	0
M:\DBPRO\,DBF GATE2	MAX	0
M:\DBPRO\,DBF GATE3	MAX	0
M:\DBPRO\,DBF INTERVEN	MAX	0
M:\DBPRO\,DBF JINGLE	MAX	0
M:\DBPRO\,DBF MIXGATE	MAX	0
M:\DBPRO\,DBF NOTIZIA	MAX	0
M:\DBPRO\,DBF NOTIZIE	MAX	0

The table will show the list of archives and who is using them; e.g.:

M:\DBPRO\,DBF CANFONTI	3	000029,00009501
------------------------	---	-----------------

indicates that the user identified by the key number "000029" is using the file with code "00009501" from the "CANFONTI" archive in folder "M:\DBPRO\".

In this case maintenance cannot be carried out on the CANFONTI archive (SONG archive) because in use.

With the "**Keys Unlock**" utility it is possible to see who is using an archive and if necessary delete these references. It is useful for example when a computer is reset during an operation and leaves track of the previous activities in the file that manages the locks.

NOTE: if the locks are deleted but one or more users are actually in the archive, it will be possible to carry out operations which were previously denied (such as maintenance or editing of a file in use), creating an undesirable situation. Therefore before deleting lock references check whether users are using the programs.

Delete element

With this function it is possible to delete only the selected line. This does not update completely the references to the locks but simply deletes a line (reference) related to an archive in use. This is useful when there are lines which are not coherent with the list content.

Delete Key

With this function it is possible to delete all elements entered by a specific key (computer) leaving the rest of the list unchanged. Practically it is like saying "the user has exited all programs". This is useful when a computer is rebooted or a program blocked during processing of archive data.

Delete BLOCK

This function makes it possible to delete all the elements entered by all keys.



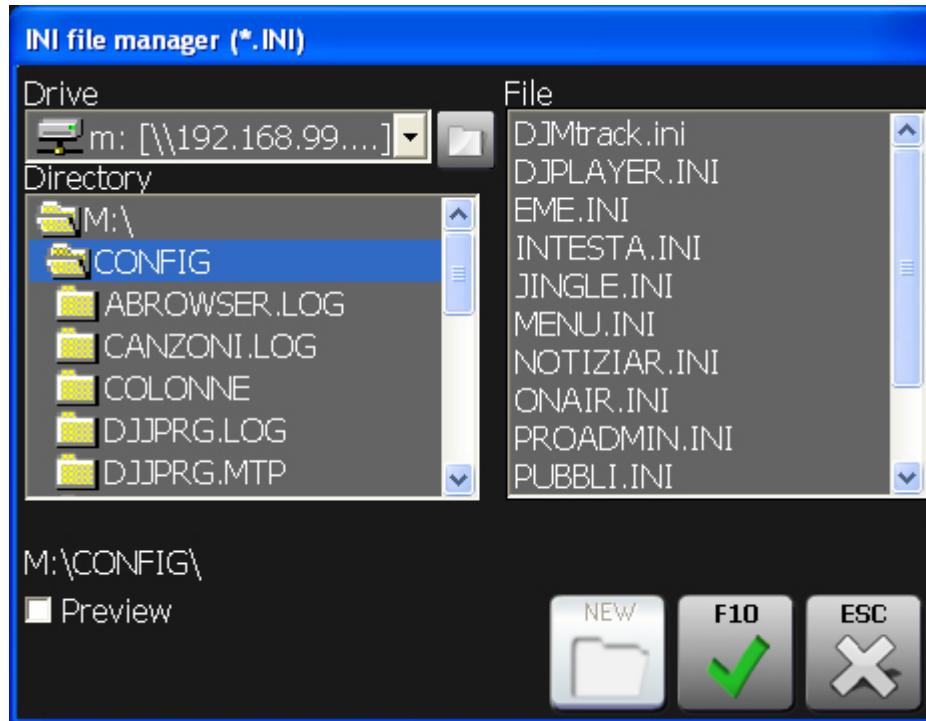
Click the special key to update the lock situation (re-reads the references of the archives in use).



To exit click [ESC].

8 INI FILE MANAGER

'INI FILE MANAGER' is a simple utility to open and edit the configuration files (*.INI).



The window that appears is of a Windows easy to use type: position the cursor on the Drive concerned, enter the folder that contains the.INI file to be edited, select the file and click [F10] (click [ESC] to cancel selection).

The selected .INI file will be opened full screen in a new window; in the window there will be a menu with the list of the sections that make up the file and a box with the parameters related to the selected section.



To enter a new parameter select the section and then click [F2] next to the parameters box: a box will appear where it is possible to enter the name, value and a comment for the new parameter.

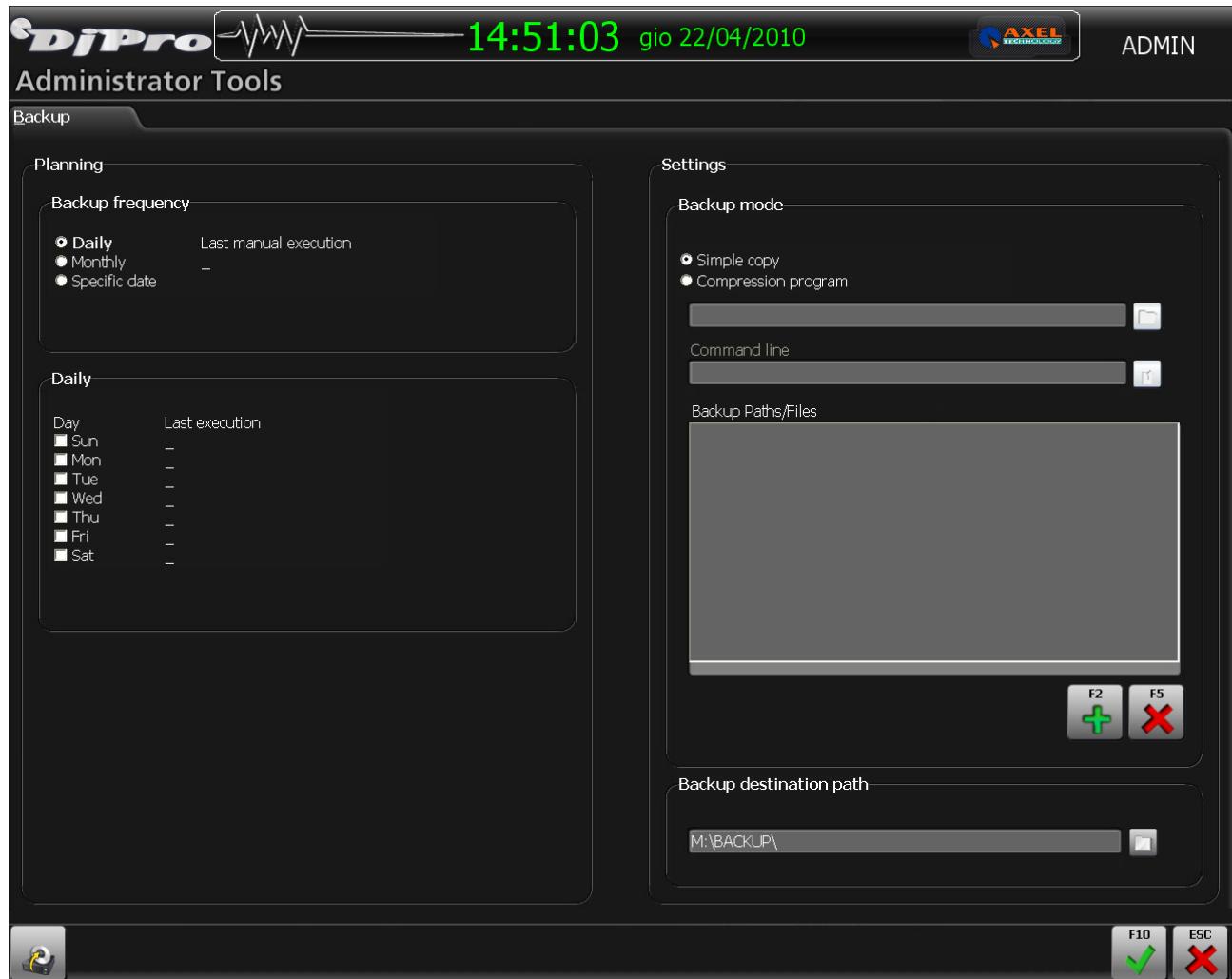
To edit an existing parameter double click on it and the same box will appear with current data which can then be edited.



To create a new section click [^F2] near the sections menu; a box will appear where the name can be entered.

9 BACKUP

'BACKUP' is a function that makes it possible to make backup copies of data used in DJ-PRO, setting the path, mode and frequency.



The Backup of selected data can be performed manually or it can be planned (**Planning** section). You can select whether to backup one file, a series of files (e.g. *.DBF) or an entire folder. The Backup can be in the form of a simple copy of a file or of a compressed file (e.g. .ZIP) using an external program. These criteria are in the **Settings** section.

Planning

On the left of the screen it is possible to establish when the program is enabled to carry out the Backup; this can be daily (from Sunday to Saturday), monthly (one day a month for example the 1st of every month) or on a specific date (e.g. 28/05/2010). The date and time of the last backup correctly carried out is displayed for each planned backup.

The planning section establishes when the Backup is active but does not actually perform the backup. To make sure the Backup is carried out according to the criteria set in the Planning section it is necessary to set in Windows' Scheduled Tasks a call to the Administrator Tools program with the parameter of the command line/BACKUP

For example: add the call to the connection to “ “M:\Radio\bin\Proadmin.exe M:\Radio\Config\ /BACKUP” every day at 8.30 a.m. in Windows’ “Scheduled Tasks”.

The Administrator Tools program will run every day at 8.30 a.m. and check whether it has to perform a backup according to the Planning selected. If the Backup of the current day has not been done yet it executes it immediately otherwise it exits the program.

Settings



To set which files are to be saved enter them in the *Backup Paths/Files* list. It is possible to enter one file (e.g.: m:\radio\dischi\canfonti.dbf) or a series of files (e.g.: m:\radio\dischi*.dbf) in the list by clicking **[F2]**. To edit a line entered double click on it; to delete a line entered click **[F5]**.

Copied files are saved in a dedicated folder in *Backup* destination path (including compressed files); the folder has the name that corresponds to the backup planning.

The structure of the original path is maintained in compressed folders/files, however the files contained in unspecified sub-folders are never copied.

If the “Simple copy” Backup mode is selected no other information is required; if the “Compression program” is selected the program and command line must be specified. For example:

Program: C:\PROGRAMMI\WINZIP\WINZIP32.EXE
Command line: -a -p %1 @



To perform an immediate backup with the criteria currently set use the special key on the bottom left of the screen.



To exit and save settings click **[F10]**, to exit cancelling the changes click **[ESC]**.

10 ARCHIVE MANAGER

'ARCHIVE MANAGER' is a powerful tool to open any archive with .DBF or .MDB extension.

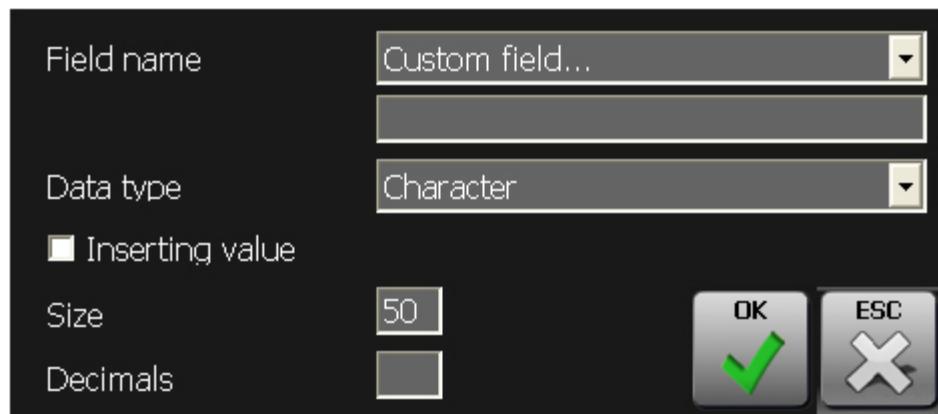


To open an archive type the name and path in *Archive* or browse computer resources by clicking the relevant key and then click **[OK]**.

The archive is opened without formatting, and ordered by the first field found. If the archive is .MDB, select the table in which to operate from the list on the right.

The structure of the archive (fields-type-dimension) is displayed just below the records table; for DBF archives the filed dimension is indicative.

New fields can be added (for example user field in the CANFONTI archive) in .DBF files by clicking **[F2]**. The following box will appear:



Select the field to be inserted (the names of certain preset fields are suggested in *Field name*) or personalise the field as required.

Five types of filed can be inserted: Character, Numerical, Logical, Data or Memo: the dimension must be defined for some and not for others; for numerical fields, the number of decimals can also be defined.

A default value can be allocated to the field using the *Inserting value* parameter so when a new record is entered into the database, the filed is already filled in with that value.

10.1 ORGANISING THE ARCHIVE

An open archive can be organised by clicking on the heading of each column according to the DJ-Pro standard:

Click with left button:	
1 st click	to set the primary order (Red, A>Z)
2 nd click	to set the reverse primary order (Yellow, Z>A)
Click with right button:	
1st click	To set the secondary order (Green, A>Z)
2nd click	To et the reverse secondary order (White, Z>A)
3rd click	To remove the secondary order

10.2 SEARCH FUNCTION

There are two ways to search the archive:

- organise the column where you wish to carry out the search as primary index, click once inside the grille and type the required word (DJ-Pro standard, fastest way).
- click [F3] and type the required word which will be searched in all fields of the entire archive (slowest way).



10.3 CHECKS

Search for double elements in the primary sorting field (useful for fields that should be univocal).

For example if you are looking for double song titles order by “Song title” and click **[Find double elements]** and if there are results



it means that there are double song titles.



Double click on an element in the list or select the element and click the arrow key to position the cursor in the grille on the first corresponding row.

To copy the list to Clipboard (Windows' volatile memory) click the relevant key.

To close the list click the relevant key.

Check of coherence of values of database elements.

When you select **[Enable fields check]** the cells of the Empty, Suspect or Null field will be coloured with a different colour according to the type of field so that the fields incorrectly filled in can be quickly identified. This check may slow down the use of the archive therefore when it is not necessary disable it by clicking again on **[Enable fields check]**.

10.4 DELETING



Click **[F5]** to delete one or more elements of the grille. For multiple selections press **CTRL** or **SHIFT** on the keyboard and click the grey “key” (RowSelector) on the left of the row concerned.

WARNING: if a record is deleted by clicking [F5], any connected audio files will not be deleted; furthermore, the program DOES NOT check if the database and/or record being deleted are in use.

10.5 OTHER FUNCTIONS

Click with the right button on the grille to copy one or more selected rows onto Clipboard (temporary memory for exchange of data) and paste data onto a text program such as Word or Notepad.

If the archive is open or in use by another DJ-Pro user the program will show information at the centre on the bottom (*Archive opened by*).

11 DELETE LOG

‘DELETE LOG’ is a simple utility to delete LOG (register of operations of every program) files written by DJ-Pro programs.

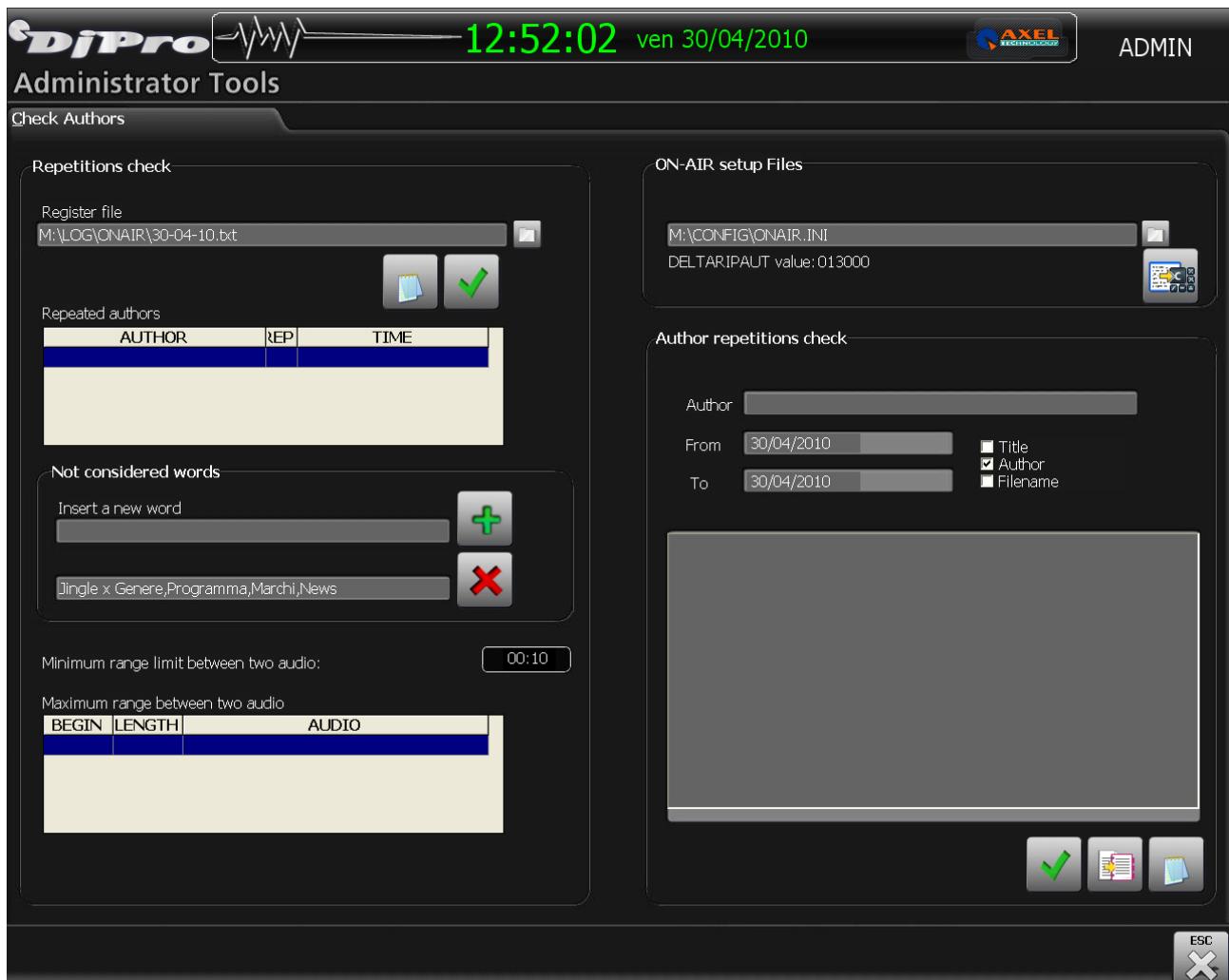
Press **[Delete LOG]** to open a window in which to set the *Limit of days for the deletion*, i.e. the number of days beyond which a file .LOG is considered old and therefore can be deleted. The files with format “gg-mm-aa.LOG” present in the folder of the client Dj-Pro and in the program folder are deleted (e.g.: M:\Radio\Bin\Windows\), all sub-folders are also searched.

For example if the “Limit of days for deletion” is set at 30 and you press OK, all files that are older than 30 days compared to today will be deleted.

Warning: deleted files cannot be recovered.

12 CHECK AUTHORS

This function is used to check any repetitions of an author in "ON-AIR" transmissions and to know which songs of a specific author have been played in a certain period of time.



First of all select the register of the transmissions of the day to be checked: if you know the name type the file name and path in the *Register file* field or click on the key next to the field to open a window from which to select the required file.



Click the key with the notepad icon to display the specified register file.

12.1 REPETITIONS CHECK

This function checks, for a specific day, how many times a single author has been repeated, displaying in the *Repeated authors* table the name of the author, number of repetitions in the day and interval between the repetitions.

It is possible to optimise the repetitions search by entering words not to be considered (e.g. JINGLE, SPOT, etc... which in the transmissions register are placed in the same field as the authors). In order not to display the repetitions of JINGLES simply enter the word "Jingle" in the *Not considered words* section and click **[+]**. To display all information without filters click **[X]**.

Together with the repeated authors, the interval between two audios is also displayed to highlight any programming "gaps". Only the audio intervals higher than the minimum specified are displayed (*Minimum range between two audio*).



To start the search in the selected register file click the relevant key.

The TIME column of the *Repeated authors* tables allows you to compare the values with the DELTARIPAUT (author repetitions check) value of the 'ON-AIR' configuration file: if the DELTARIPAUT value is not respected please contact the assistance service.

From the *ON-AIR setup Files* box it is possible to select the configuration file currently used by 'ON-AIR', and the value of the DELTARIPAUT parameter will appear underneath.

Author repetitions check

Before carrying out the **Author repetitions check** it is necessary to enter the name of the author and the period of time to be checked. If you double click on one of the rows present in the *Repeated authors* table, the corresponding author will be set for the check. It is also possible to select on which "field" of the register to carry out the search by selecting one or more of the options "title", "author" and "filename".



Once you have entered the data click on the special key to display the date and time of transmission of all the author's songs.



Click the key to copy the information to Windows notepad.

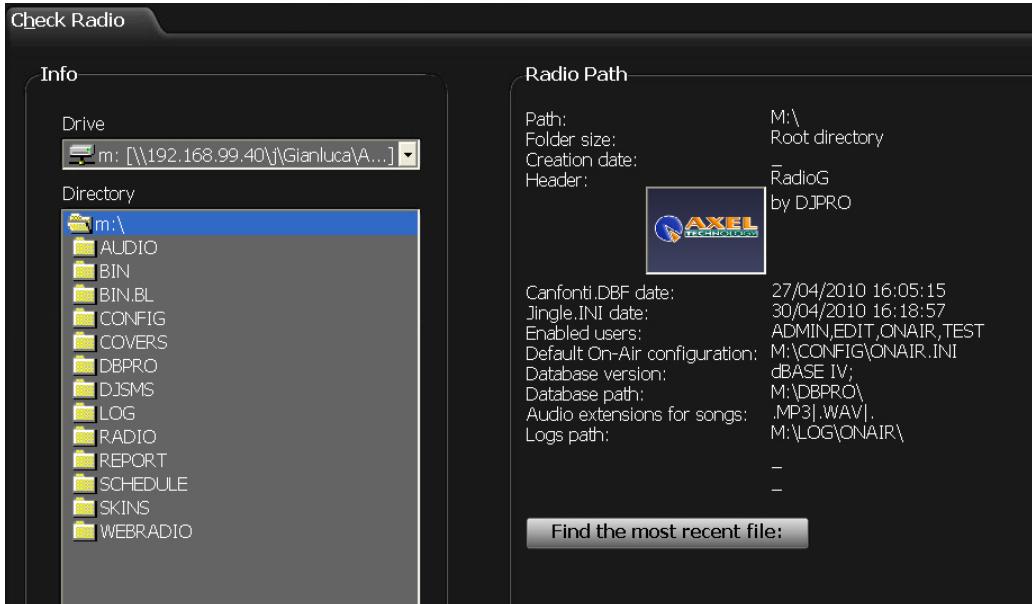


Click the notepad icon to display the information in a text format document.

13 CHECK RADIO

The *Check Radio* function is used to check a series of main radio parameters such as the date of the last update of the song archive, the date of creation of the radio, the disk space occupied by the entire radio, etc.

To access the information simply select the main folder of the radio (usually M:\RADIOxxx) from the list of folders and wait for the data to be displayed:

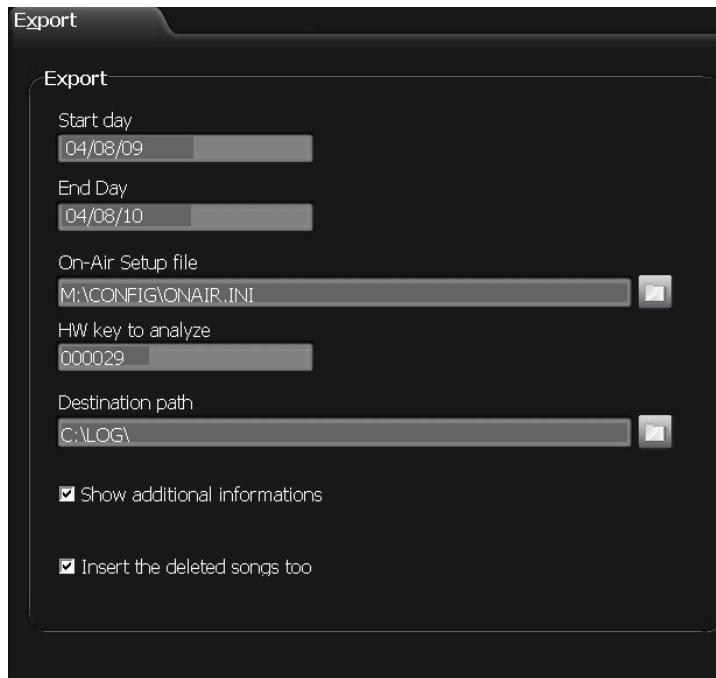


To close this function and return to the main menu click [ESC].

14 EXPORT

The “Export” function allows you to crate a report of all the songs broadcast in a specific period of time.

The following window will appear when you click the Export key:



To obtain a report of the broadcast songs enter the following parameters:

Start Day and End Day: start and end day of the period to be analysed.

On-Air Setup file: enter the configuration file.INI used to broadcast on air.

HW key to analyze: it is possible to analyse only the songs broadcast by a specific key.

Destination path: enter the destination path in which to save the reports.

Show additional information: if this parameter is enabled, the report will contain additional information for each song (e.g. from which programming it originates).

Insert the deleted songs too: this adds to the list of songs also those deleted from the on air broadcast, such as those deleted due to TIME LIMIT or because there was not an audio file.

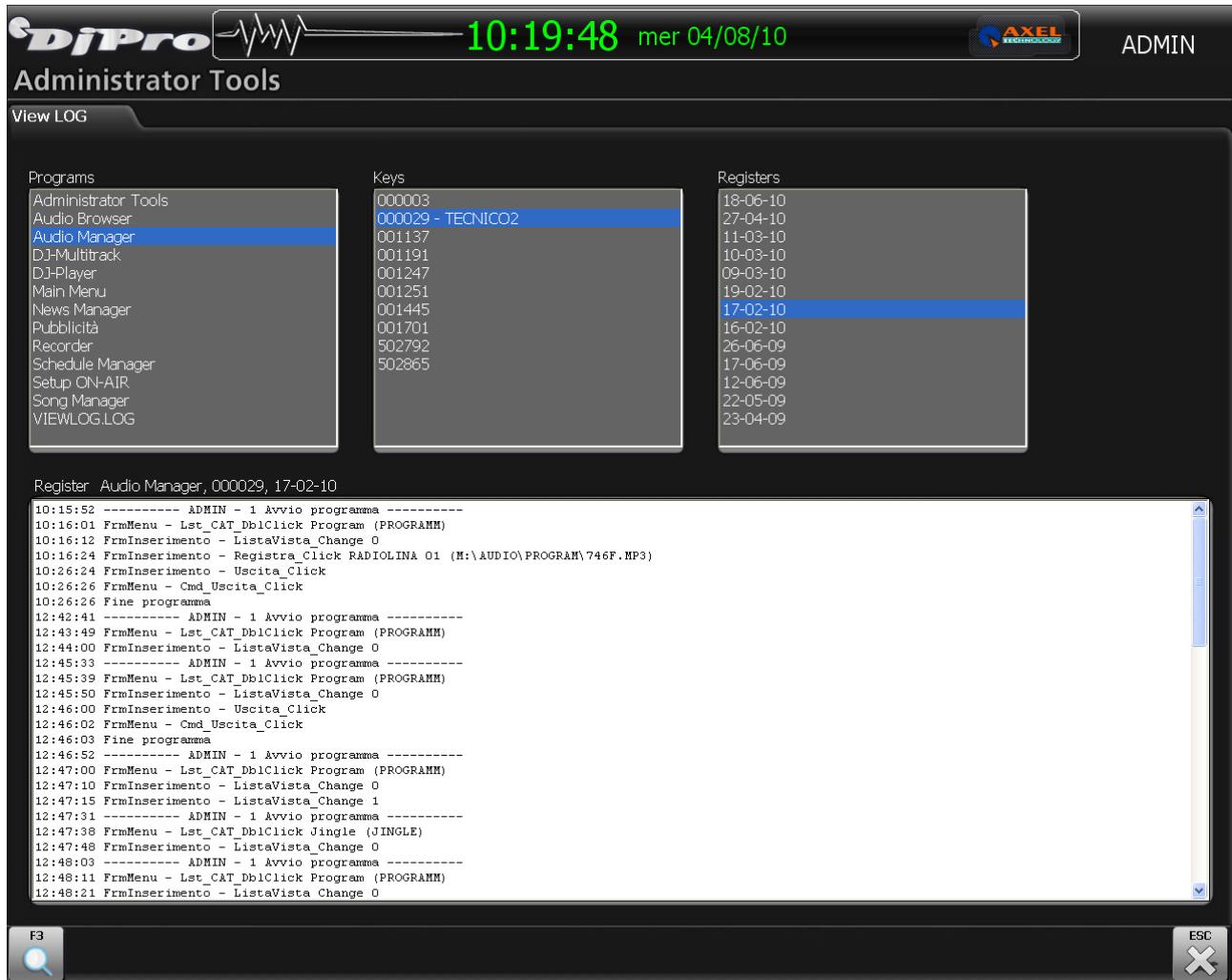


Enter the parameters then click **[F10]** and wait for the operation completed message.

15 VIEW LOG

This function allows you to view in a fast and simple way the logs of all the DJPro programs.

The main window of this function is:



The logs of DJ-Pro programs are divided according to the program, hardware key (univocal code) and date. Select the program of which you want to check the log from the program list; select the key of which you want to check the operations from the list of keys and then click the required date. The log of the program operations will be immediately displayed.

Click [F3] to search for a word in the log displayed.

If more than one program is selected and/or more than one key it is possible to access the multiple search of all the logs and keys selected by clicking the search key:



It is possible to specify a time period in which to search for a specific word; the list contains a number of preset words but it can be edited from the configuration file (contact the assistance service).

During the search, 4 status bars are displayed to show the search status of the different selections.

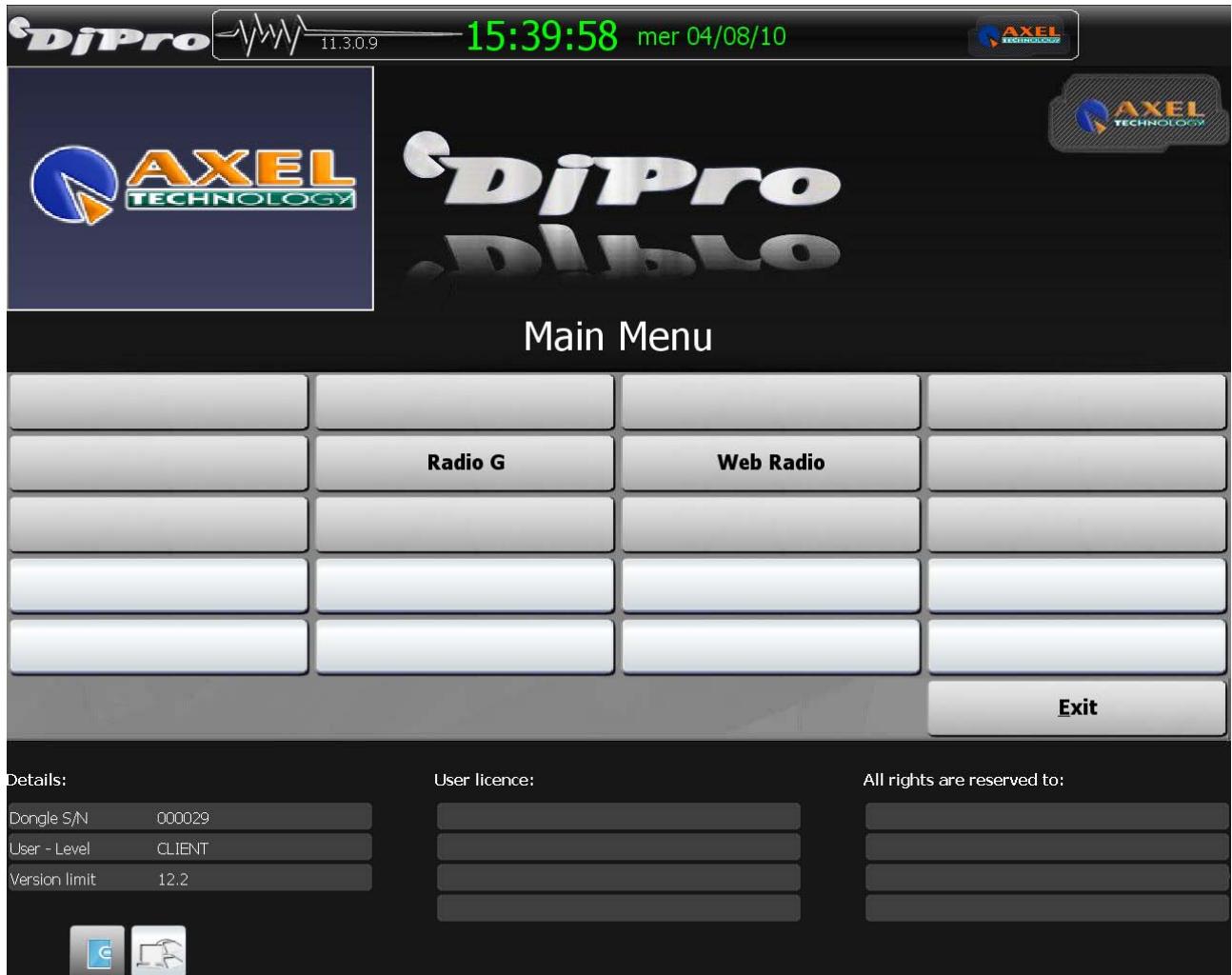
Click the relevant key to interrupt the search preserving the partial result.

The results are shown on the top right of the screen divided by date. Click on a date to open the corresponding log; the cursor positions itself at the beginning. If you click on a time, the cursor positions itself on the line containing the word searched.

Warning: the logs are written independently from the language selected when installing DJPro; if necessary contact the assistance service to interpret the information.

16 CLIENT MANAGER

“Client Manager” is used to configure the DJ-PRO MENU of each workstation, where there is more than one radio in the same work environment. In this case the easiest solution is to launch one single menu from which to select the radio on which to work. For example:

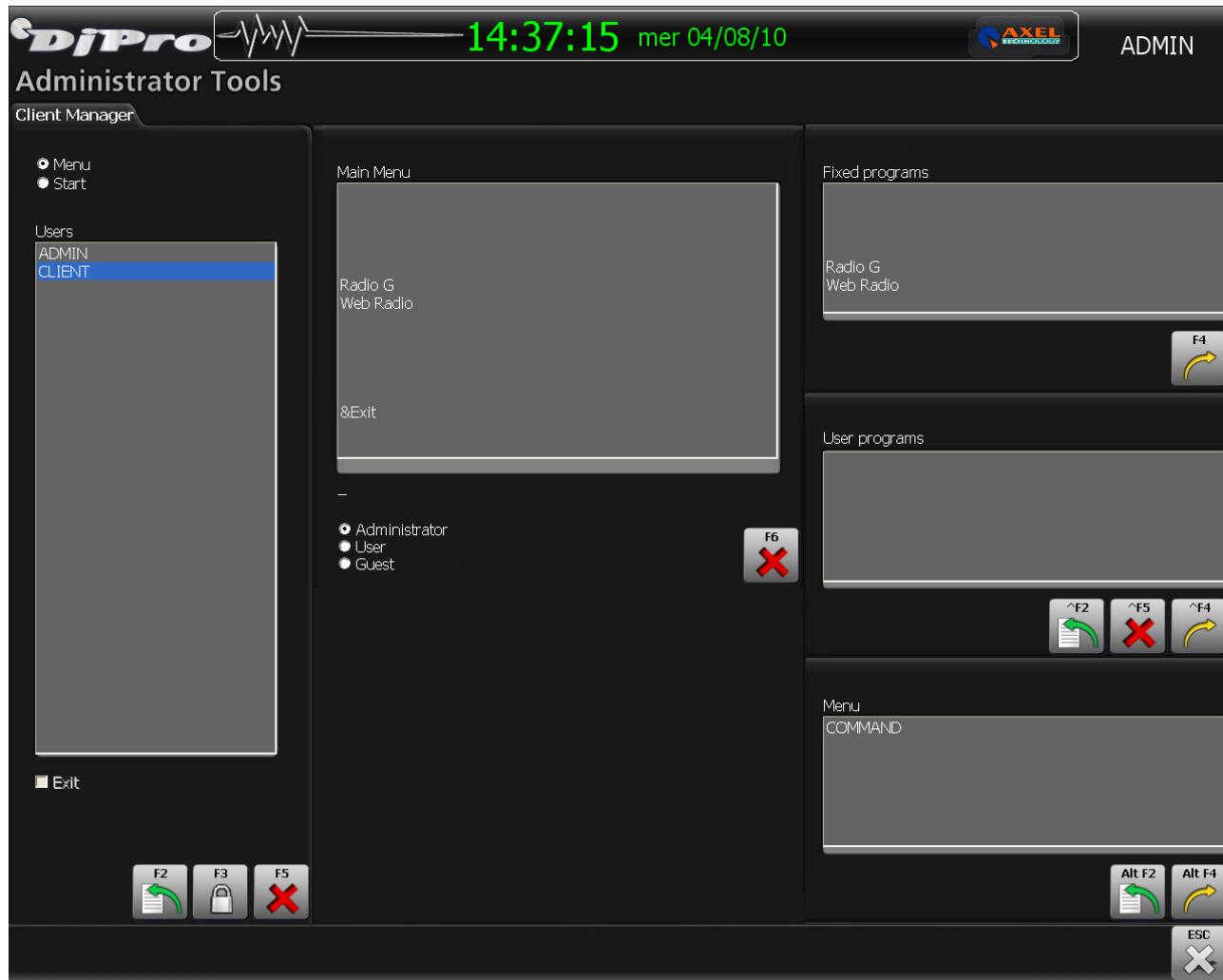


By clicking “RADIO G”, the DJ-PRO MENU of Radio G will open while by clicking “Web Radio” the DJ-PRO MENU of Web Radio will open, etc...

The menu is obtained by creating a connection icon with these values:

Destination: C:\Programmi\DJPRO\BIN\DEMenu.EXE
From: C:\Programmi\DJPRO\BIN\

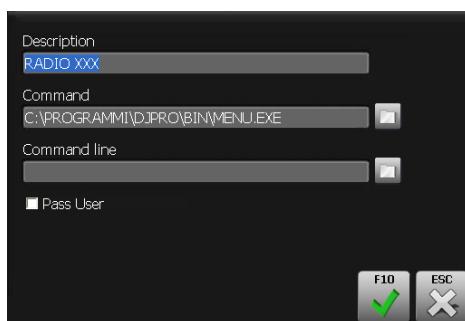
The main window is:



Operation is identical to the USER MANAGER section except for the small differences described below.

Fixed programs run the DJ-PRO MENU for the radios installed in M:\.

When you add a user program, it is enough to edit the description and command line indicating the path in which you have installed the radio for which you wish to launch the DJ-PRO MENU. Click [\wedge F2] and the window (pre-filled out) in which to enter the new program will appear:



ATTENTION: changes made with the CLIENT MANAGER function concern single WORKSTATIONS, therefore they must be repeated on each machine. Different users can be entered, however we recommend always using the CLIENT user.

17 MAINTENANCE

DESCRIPTION

“Maintenance” is a function present in all DJ-Pro programs and is used to reindex and compress the archives (databases) of all programs. At times in fact, after a number of enter/edit/delete operations it may be necessary to eliminate deleted records and recreate the database indexes.

Warning: Given the importance of this function, we recommend the use only by the system administrator.



Click the spanner shaped key on the Administrator Tools main menu to activate the function: a window will appear from which to select one or more databases.

The databases are all included in the list on the left; to select them all tick “**Select/Unselect all**”; to select the databases belonging to a program of the DJ-Pro group, click on the corresponding key (on the right of the database list).

The following operations can be selected for each database:

- delete the relevant .INF (index reference)
- delete the relevant .MDX (index)
- reindex (recreate the index)
- compress (remove deleted records permanently).

Note: these options may be connected.

STARTING MAINTENANCE



Select the databases and click the special key to start maintenance. A message will ask for confirmation; make sure no user is using the database selected for maintenance.

On the left, under the database list, information on the database object of the maintenance as well as the operation being carried out, the category of belonging and the remaining percentage are displayed.

Note: maintenance cannot be interrupted once started.

18 UTILITIES



Displays the LOG of the operations carried out from the menu during the day.



Opens a box to search for elements in one or more archives. The search can be made using various filters according to the text entered.



Opens program setup which can be personalised through a series of parameters.



Closes the program.

19 INTRODUCTION

ADVERTISING is the Dj-Pro module for the management of the advert recording and the preparation of the advertising playlist: the program prepares the daily playlist on the basis of the client cards which contain all the data for the scheduling.

Each card corresponds to the scheduling of an ad. If a customer has different ads, more than one card must be inserted.

As regards the playout of an ad, the program bases itself on the selected weekdays, times set and scheduling period on the relevant card.

20 STARTING THE PROGRAM

Click **[Advertising]** from the DJ-PRO menu to start the program; the following main window will appear on the screen:





Displays the LOG of the operations carried out from the menu during the day

Opens a box to search for elements in one or more archives. The search can be made using various filters according to the text entered.

The Unlock function resets the correct access to archives by all users in the case of a lock on records usually caused by a forced exit from the program during the modification of data (for example due to a power failure and consequent switching off of the PC)

The maintenance operation optimises the archive and recreates indexes; if the delete audio files function has been selected it eliminates the audio files from the records that have been removed from the data entry/edit categories box.

This is a "delicate" operation that must only be performed by users with ADMIN authorisation (see 'ADMINISTRATOR TOOLS' manual). During the execution of the operation, the archive cannot be accessed to edit, add or delete records.

To open program setup which can be personalised through a series of parameters.



To close the program.

21 ADVERTISING MANAGEMENT

Click [**Advertising**] from the main menu; the following window will appear on the screen:

Customer	Category	File Name	Length	Begin	End	Priority
KEGLEVICK		98454032	00:00.00	11/07/1998	11/07/1998	7
KEGLEVICK		98454033	00:00.00	12/07/1998	12/07/1998	7
LANCIA		98581001	00:00.00	11/07/1998	11/07/1998	7
LEVONI		98469001	00:00.00	27/07/1998	27/07/1998	5
MAX		98569001	00:00.00	13/07/1998	13/07/1998	5
MAX FACTOR		98549001	00:00.00	11/07/1998	11/07/1998	2
METROPOLE		98131002	00:00.00	27/07/1998	27/07/1998	5
METROPOLE		98131001	00:00.00	27/07/1998	27/07/1998	5
METROPOLE 1		0017	00:33.58	17/06/1998	01/01/2000	5
METROPOLE 2		0018	00:36.09	17/06/1998	01/01/2000	5
MILAN		98566016	00:00.00	13/07/1998	13/07/1998	4
MILAN		98566007	00:00.00	13/07/1998	13/07/1998	6
MILAN		98566015	00:00.00	13/07/1998	13/07/1998	4
MILANO DI NOTE		98573001	00:00.00	11/07/1998	11/07/1998	8
MINISTERO PESCA 1		0019	00:30.34	17/06/1998	01/01/2000	5
MINISTERO PESCA 2		0020	00:30.60	17/06/1998	01/01/2000	5
MINISTERO PESCA 3		0021	00:31.01	17/06/1998	01/01/2000	5
MIRATO		98469030	00:00.00	11/07/1998	11/07/1998	6
MIRATO		98469015	00:00.00	11/07/1998	11/07/1998	5

The table contains all the adverts already in the archive; they are displayed in alphabetical order by customer name. The user can scroll the list using the vertical bar on the right (when featured) or the view functions described below. To change the main sorting of customer cards click with the left button of the mouse on the heading of the column to be sorted; to create a secondary sorting order click with the right button of the mouse on the column not currently sorted.



Click [**F6**] to print the list of the adverts of a specific day or the complete list of the customer cards.

Click [**ESC**] to return to the main window.

21.1 INSERTING



Click [F2] to insert a new advert; the following box will appear in the bottom part of the screen:

Customer	File name	Category																		
Priority 5	Days of week <input type="checkbox"/> Mon <input type="checkbox"/> Tue <input type="checkbox"/> Wed <input type="checkbox"/> Thu <input type="checkbox"/> Fri <input type="checkbox"/> Sat <input type="checkbox"/> Sun	Length of scheduling Start Date 15/03/2010 End Date 15/03/2010																		
Length 00:00:00	Hours <table border="1"><tr><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td></tr><tr><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td><td>00:00</td></tr></table>	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	Rotation
00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00												
00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00												
<input type="checkbox"/> F12 <input type="checkbox"/> F6		<input type="checkbox"/> F10 <input type="checkbox"/> ESC																		

Any other operation, which is not the insertion of a new advert, will not be possible until this mask is present, i.e. until the insertion is confirmed or cancelled.

CUSTOMER

This field must be filled in with the name of the customer wishing to broadcast the advert. The customer name can be of maximum 24 digits.

FILE NAME

This field must be filled in with the name of the file in which the advert will be recorded. The name must be of maximum 8 digits.

NB: the path in which the audios of the adverts are recorded and the extension are defined, and can be edited, in the program Setup.

CATEGORY

This field must be filled in with the name of the goods category of the advert; maximum 10 digits.

PRIORITY

The priority defines the position of an advert within an advertisement bar; it can be changed by clicking on the corresponding key and selecting a value from those shown in the list: 1 is top priority and 9 is bottom priority (default=5).

ROTATION

When selected it is possible to rotate the position of the advert during broadcasting with other ads that have the same priority within the advertisement bar.

LENGTH

This field contains the length of the advert audio. The length is entered and updated automatically at the end of each recording.

DAYS OF WEEK

To set the days of the week on which the advert must be broadcast.

LENGTH OF SCHEDULING

To set the scheduling start/end date.

NB: The start date must not be greater than the scheduling end date.

HOURS

To set the times of the day at which the advert must be broadcast. Maximum 20 different times can be set.



Click [F12] to enter the audio of an advert; the audio editing window will appear on the screen (see RECORDER manual).

It is not necessary to record the advert in the insertion phase, it can be recorded in the editing phase.



Click [F6] to print the information contained in the insertion box.



To enter the new advert in the archive, the insertion must be confirmed by clicking [F10]; at this point, the program checks that all data has been correctly filled in: univocal and correct file name, correct format of length and scheduling dates.

During the insertion of the times, if the program finds two adverts of the same customer or category at the same time, it requests further confirmation of the data entered. If all data is acceptable, the data entering window disappears and the advert inserted appears in the list.



To cancel the operations carried out in the entering phase click [ESC].

Warning: the length, days of the week and times can be left blank and filled in at a later stage when the advert is edited.

21.2 EDITING

To edit advertising data, for example the length or recording, select it from the list and double click on it with your mouse. At the end of this operation, the same window that appears in the entering phase will appear at the bottom of the screen and it works in the same way.

21.3 DELETING



To delete an advert select it from the list and click (just once!) and click [F5]. A window will appear requesting confirmation of the deletion. In this way it will no longer be possible to use the advert with ON-AIR.

The audio file associated to the card is eliminated only when **Maintenance** is carried out from the menu and only if it is not used by any other cards.

21.4 SEARCH AND SORTING

The list of adverts contains all the ads stored. They are always displayed in alphabetical order by customer name. To view them sorted by category simply click on the heading of the column to be used as main sorting field.

To search all the cards stored sort the column required (e.g.: File Name) by clicking with the left button of the mouse on the heading and then type the search text, for example BAN; the item closest to the required string is automatically selected.

22 TIMETABLE

Click [Timetable] from the main window; the following window will appear on the screen:

Week from 15/03/2010 to 21/03/2010

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
09:00	0 AGFA 0 A.E.M. 0 EURODISNEY 00:00.00						
09:15	0 ABSOLUT 0 CLUB MED 00:00.00						
09:30	29.78 BMW 1 0 CORSERA 0 CLUB MED 00:29.78						
10:00	0 AGFA 0 A.E.M. 0 EURODISNEY 00:00.00						
10:15	0 ABSOLUT 0 CLUB MED 00:00.00						
10:30	29.78 BMW 1 0 CORSERA 00:29.78						
11:00	0 AGFA 0 A.E.M. 00:00.00						
11:15	0 ABSOLUT 0 CLUB MED 00:00.00						
11:30	29.78 BMW 1 0 CORSERA 00:29.78						
12:00	0 AGFA 0 A.E.M. 0 EURODISNEY 00:00.00						

This table shows the schedule of the advertisement bars of the week to which the day indicated in the DATE field belongs.

The table shows for each bar the broadcasting day, the time and the adverts contained in the bar.

To change week simply click with the mouse on the DATE field and write any date of the week required then press TAB.



To print the content of the table click [F6].



Click [ESC] to return to the main window.

Warning: the position of rotation ads in the table and print is indicative as it is re-mixed during playout. The preparation of the table may take a few seconds; the mouse pointer will change from arrow to hour glass to indicate that the user must wait; at the end of the operation it returns to the arrow shape.

23 SENDING DATA

Advertising playlists must be sent to the On-Air program so they can be used. Each user can decide how often to send them: daily, weekly, monthly...etc. as required; the operation must be carried out with great care. The program enables the sending of today's and tomorrow's advertising playlist data by simply clicking [Exit] on the main menu; it is however advisable to send the advertisements regularly; *in fact one of the most common mistakes made by users is to believe the playlist of a certain day has been sent even if changes are made after the time in which it was sent.*

Click [Send data] from the main window; the following window will appear on the screen:



To change the send data start date or end date click on the relevant field and enter the new date bearing in mind that the end date must be equal to or greater than the start date.



Click [F10] to start sending data.



Click [ESC] to exit the operation.

24 CERTIFICATION

The certification function shows the exact number of passages of an advert.

Click [Certification] on the main window and the window below will appear; it contains the list of adverts present in the archive.

Customer	Category	File Name	Length	Start	End	Priority
*****		98538000	0	11/07/1998	11/07/1998	5
*****		98502000	0	11/07/1998	11/07/1998	1
105 FOR YOU		98543001	0	11/07/1998	11/07/1998	B
105 FOR YOU		98543002	0	11/07/1998	11/07/1998	1
883		98532004	0	11/07/1998	11/07/1998	4
883		98532002	0	11/07/1998	11/07/1998	3
A.E.M.	FOOD	98499003	0	11/03/2010	11/07/2010	5
A.E.M.		98499004	0	11/07/1998	11/07/1998	5
ABSOLUT	DRINK	98442000	0	11/03/2010	11/07/2010	5
ACNUR		98426001	0	11/07/1998	11/07/1998	9
ACNUR		98426002	0	11/07/1998	11/07/1998	9
ACQUA VERA		98411013	0	11/07/1998	11/07/1998	C
ACQUA VERA		98411014	0	11/07/1998	11/07/1998	B
▶ ACQUA VERA		98411015	0	11/07/1998	11/07/1998	B
ACQUA VERA		98411016	0	11/07/1998	11/07/1998	A
ACQUA VERA		98411011	0	11/07/1998	11/07/1998	D
ACQUA VERA		98411012	0	11/07/1998	11/07/1998	A
AGFA	PHOTO	98579001	0	13/03/2010	13/07/2010	4
AGFA		98579005	0	13/07/1998	13/07/1998	6
AGFA		98438001	0	27/07/1998	27/07/1998	3
AGFA		98438005	0	27/07/1998	27/07/1998	6
ALITALIA		98449020	0	27/07/1998	27/07/1998	5
ALITALIA		98447032	0	27/07/1998	27/07/1998	5
ALITALIA		98447031	0	27/07/1998	27/07/1998	5
ALITALIA		98450015	0	27/07/1998	27/07/1998	5
ALLEANZA		98123001	0	13/07/1998	13/07/1998	5
ALLEANZA		98123003	0	13/07/1998	13/07/1998	5
ALLEANZA		98123002	0	13/07/1998	13/07/1998	D
ARISTON		98378001	0	11/07/1998	11/07/1998	5
ARISTON		98378003	0	11/07/1998	11/07/1998	5
ASSITALIA		98490001	0	13/07/1998	13/07/1998	5
ASSITALIA		98490002	0	13/07/1998	13/07/1998	5
ASSITALIA		98490003	0	13/07/1998	13/07/1998	5
AUTOGRILL		98568001	0	11/07/1998	11/07/1998	6

To exit click [ESC].

For each advert contained in the list it is possible to know how many times it has been played in a certain period of time. The procedure is as follows:

select the required advert by double clicking on the line of the actual advert. The following box will open at the bottom:

Start Date 11/07/1998	End Date 11/07/1998	F10 	ESC
--------------------------	------------------------	---------	---------

Enter the start date and end date of the period to be checked. To change the dates suggested by the program click on the relevant field and enter the new date.

Click [ESC] to cancel the operation in progress. The "Enter period" box will be disabled.



Click **[F10]** to confirm the dates entered and continue with the calculation of the advertisement passages.

At the end of the calculation, a text window will appear on the screen showing the number of advertising passages of the selected customer on each day of the period selected and the total number of passages in that same period.

The screenshot shows a Windows Notepad window with the title 'REG.TXT - Blocco note'. The menu bar includes 'File', 'Modifica', 'Formato', 'Visualizza', and '?'. The window content displays the following text:

```
File Modifica Formato Visualizza ?
27/11/2006 16:07
Radio -Certificazione Pubblicità

cliente: AZZURRI
Data 13/11/2006
12:05:45, _____ *AZZURRI ,1D:\RADIO\AUDIO\PUB\HELL.MP3 ,230.71
12:21:49, _____ *AZZURRI ,1D:\RADIO\AUDIO\PUB\HELL.MP3 ,28.29
Numero Passaggi Giorno 13/11/2006 : 2
-----
Numero Totale Passaggi 2
```

To print this summary open the *File* menu and select *Print*.
To return to the list of adverts in the archive close the text window.

25 INTRODUCTION

'AUDIO MANAGER' manages the recording and codification of jingles, bases, signature tunes, programs, voice-overs and other audio categories.

The data entering phase is the same for jingles, bases, signature tunes, programs, voice-overs,...etc, so here below there is only the description for jingles. To enter other audio categories just follow the same instructions.

26 START

To launch the application click **[Audio]** on the DJ-PRO menu. The main window will appear on the screen:



NB: the screen shown above shows the list of all the categories enabled. It is however possible to restrict the display of the categories for each single user (see **User Setup** section).



To display the LOG of the operations carried out from the menu.



To open a box to search for elements in one or more archives. The search can be made using various filters according to the text entered.



The Unlock function resets the correct access to archives by all users in the case of a lock on records usually caused by a forced exit from the program during the modification of data (for example due to a power failure and consequent switching off of the PC).



The maintenance operation optimises the archive and recreates indexes; if the delete audio files function has been selected it eliminates the audio files from the records that have been removed from the data entry/edit categories box.

This operation must only be performed by user with ADMIN authorisation (see 'ADMINISTRATOR TOOLS' manual).

NB: During the execution of the operation, the archive cannot be accessed to edit, add or delete records.



To open program setup, which can be personalised through a series of parameters.

27 JINGLES MANAGEMENT

The screenshot shows the DjPro Audio Manager software interface. At the top, there is a header with the logo 'DjPro' and a date/time stamp '19:07:28 mar 09/03/2010'. To the right of the date is the word 'ADMIN'. Below the header is a menu bar with 'View' and a dropdown menu 'Workstation'. The main area is a table titled 'Jingle' with columns: Code, Description, Kind, File Name, Start, End, Length, and MixOut. The table lists numerous jingles with their respective details. At the bottom of the screen is a toolbar with various icons labeled F4 through F12, ShF3, Esc, and other symbols.

Code	Description	Kind	File Name	Start	End	Length	MixOut
105J2	JNG EVERYDAY 2	JINGLE	M:\105\JINGLE\105J2J2.WAV	0.00	12.36	14.81	
105J2	JNG LIKE 1	JINGLE	M:\105\JINGLE\105J2J5.WAV	0.00	15.96	18.14	
105J2	JNG LIKE 2	JINGLE	M:\105\JINGLE\105J2J6.WAV	0.00	13.13	15.18	
105J2	JNG LOPEZ 1	JINGLE01	M:\105\JINGLE\105J2J3.WAV	0.00	21.66	23.78	
105J2	JNG LOPEZ 2	JINGLE	M:\105\JINGLE\105J2J4.WAV	0.00	12.76	14.37	
105J2	JNG MIX	JINGLE	M:\105\JINGLE\105J2J7.WAV	0.00	14.60	16.29	
105J2	JNG RAG LINER 2	JINGLE01	M:\105\JINGLE\105J2H5.WAV	0.00	6.03	6.51	
105J2	JNG RAG ONE RADIO 1	JINGLE	M:\105\JINGLE\105J2HL.WAV	0.00	10.91	11.43	
105J2	JNG ROCK ONE RADIO	JINGLE01	M:\105\JINGLE\105J2H6.WAV	0.00	14.37	15.69	
105J2	JNG SLOW RADIO 1	JINGLE	M:\105\JINGLE\105J2H9.WAV	0.00	12.88	13.75	
105J2	JNG SMOOTH 1	JINGLE	M:\105\JINGLE\105J2J8.WAV	0.00	12.84	14.80	
105J2	JNG SMOOTH 2	JINGLE01	M:\105\JINGLE\105J2J9.WAV	0.00	7.94	9.70	
105J2	KK ORE 13 59	JINGLE	M:\105\JINGLE\105J2GG.WAV	0.00	6.56	13.12	
105J2	KK ORE 14 00	JINGLE	M:\105\JINGLE\105J2GH.WAV	0.00	6.53	13.12	
105J2	KK ORE 14 01	JINGLE	M:\105\JINGLE\105J2GI.WAV	0.00	6.49	13.12	
105J2	KK ORE 14 59	JINGLE	M:\105\JINGLE\105J2GJ.WAV	0.00	6.49	13.12	
105J2	KK ORE 15 00	JINGLE	M:\105\JINGLE\105J2GK.WAV	0.00	6.53	13.12	
105J2	KK ORE 15 01	JINGLE	M:\105\JINGLE\105J2GL.WAV	0.00	6.51	13.12	



To open a box in which to enter a series of filters for the database. The filters can be set from the Setup section of Song Manager

To open the box in which it is possible to edit the elements selected (see next paragraph)

To open the box in which it is possible to add data of a new element (see next paragraph)

To delete selected items

To play the audio associated to the selected element

To create a copy of the element selected and relevant data

To export the audio of the selected element to a file

To export the element selected in one or more databases previously defined in the Setup section of Audio Manager

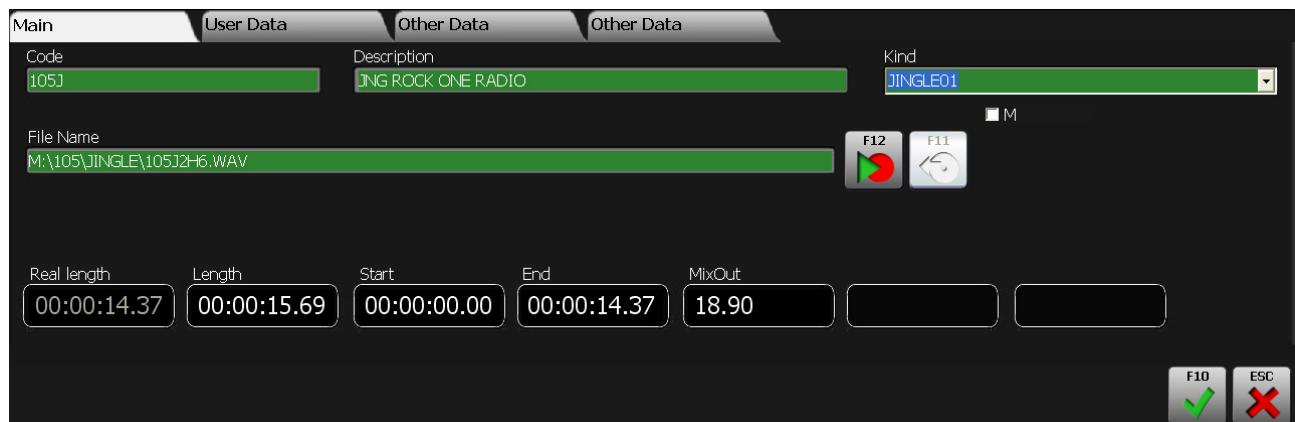


To create a personalised print of the elements present in the database

To create a Series of jingles (see section 4.2)

View: using the special menu on the top left it is possible to select various ways of displaying the data present in the table by selecting for each one which fields should be shown. Two basic modes are present (<Default> and <Workstation>), but new ones can be added from the Setup section of Audio Manager.

27.1 MANAGEMENT WINDOW



When the enter/edit data window is active it is not possible to carry out any operation on jingles outside this window until the operations carried out are confirmed or cancelled.

Code: univocal jingle code (allocated automatically by the system)

Description: jingle title

Kind: kind allocated to the jingle (an infinite number of categories can be created)

File Name: name and path of the audio file associated to the jingle (allocated automatically by the system)



To start the **Recorder**, to edit the audio associated to the jingle (see relevant manual).

M: when this parameter is selected the jingle will be “masked”, i.e. not available as scheduling choice per kind or for the manual selection directly from OnAir.

Real length: real length of the jingle when played on-air, calculated in relation to the Start and Stop defined in the editing phase.

Length: original length of the jingle.

Start: point in which the jingle starts when played on-air.

End: point in which the jingle ends when played on-air.

MixOut: length of time in which the jingle overlaps while fading with the next audio when played on-air.

It is possible to enter data specified by the user according to particular archive requirements in **User Data** and **Other Data**.



To confirm the editing or insertion of data in the archive click **[F10]** (or press F10 on the keyboard)

To cancel the operations carried out in the insertion or editing phase click **[ESC]**

27.2 CREATING A SERIES

NB: The SCHEDULING of the series is only possible if Digiware is used to create the playlists.



Click [F9] to create a series of jingles or programs identified by a particular date or weekday.

The series created can be programmed using the category, letting Digiware select the right file to be played on that specific day.

There are two types of series: weekly or monthly.

WEEKLY SERIES

Choosing the **Weekly** series it is possible to create a different jingle (or program) for each day of the week. Select the days of the week for which you want to create an event, enter an identification word for the series in the *Kind* field and a description in the *Description* field. Click [F10] to confirm; the system will create as many folders as the days selected. At this point you can add the audios to the single folders.

Example: To create the METEO (weather) series with a different file for each day of the week, from Monday to Friday enter the word MET (identifies METEO) in the *Kind* field and the word METEO in the *Description* field and flag the days required in the Week's days section.

Series Type:	Weekly	Week's days
		<input checked="" type="checkbox"/> Mon <input checked="" type="checkbox"/> Tue <input checked="" type="checkbox"/> Wed <input checked="" type="checkbox"/> Thu <input checked="" type="checkbox"/> Fri <input type="checkbox"/> Sat <input type="checkbox"/> Sun
Kind:	XWEEK	MET
Description:	##<DDD>##	METEO

Click [F10] to confirm and the system will automatically create a folder for each day selected:

<input type="checkbox"/> 0006 ##MON##METEO	XWEEKMET	M:\RADIOENT\AUDIO\JINGLE\XWEEKMET_-MON.MP3	0.00	0.00	0.00	0.00
<input type="checkbox"/> 0007 ##TUE##METEO	XWEEKMET	M:\RADIOENT\AUDIO\JINGLE\XWEEKMET_-TUE.MP3	0.00	0.00	0.00	0.00
<input type="checkbox"/> 0008 ##WED##METEO	XWEEKMET	M:\RADIOENT\AUDIO\JINGLE\XWEEKMET_-WED.MP3	0.00	0.00	0.00	0.00
<input type="checkbox"/> 0009 ##THU##METEO	XWEEKMET	M:\RADIOENT\AUDIO\JINGLE\XWEEKMET_-THU.MP3	0.00	0.00	0.00	0.00
<input type="checkbox"/> 000A ##FRI##METEO	XWEEKMET	M:\RADIOENT\AUDIO\JINGLE\XWEEKMET_-FRI.MP3	0.00	0.00	0.00	0.00

MONTHLY SERIES

Selecting the **Monthly** type series it is possible to create a different jingle for every day from a specific start date of the series to a specific end date. Enter the start and end dates of the series in the specified fields, enter a word in the *Kind* field to identify the series and a description in the *Description* field. Click [F10] to confirm; the system will create a folder for each day included in the interval between the series start and end date. At this point you can add the audios to the single files.

Example: To create the OROSCOPO (horoscope) series with a different file for each day from 15 September 2010 to 30 September 2010 enter the identification word ORO in the *Kind* field and the word OROSCOPO in the *Description* field setting 15/09/2010 as start date and 30/09/2010 as end date.

Create Series

Series Type:	Beginning:	15/09/10
Monthly	Ending:	30/09/10
	Kind:	XDATA ORO
	Description:	##<YYYYMMDD>##OROSCOPO

Click **[F10]** to confirm and the system will automatically create the following folder with the date in YYYYMMDD format:

000B	##20100915##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100915.MP3	0.00	0.00	0.00	0.00
000C	##20100916##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100916.MP3	0.00	0.00	0.00	0.00
000D	##20100917##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100917.MP3	0.00	0.00	0.00	0.00
000E	##20100918##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100918.MP3	0.00	0.00	0.00	0.00
000F	##20100919##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100919.MP3	0.00	0.00	0.00	0.00
000G	##20100920##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100920.MP3	0.00	0.00	0.00	0.00
000H	##20100921##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100921.MP3	0.00	0.00	0.00	0.00
000I	##20100922##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100922.MP3	0.00	0.00	0.00	0.00
000J	##20100923##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100923.MP3	0.00	0.00	0.00	0.00
000K	##20100924##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100924.MP3	0.00	0.00	0.00	0.00
000L	##20100925##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100925.MP3	0.00	0.00	0.00	0.00
000M	##20100926##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100926.MP3	0.00	0.00	0.00	0.00
000N	##20100927##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100927.MP3	0.00	0.00	0.00	0.00
000O	##20100928##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100928.MP3	0.00	0.00	0.00	0.00
000P	##20100929##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100929.MP3	0.00	0.00	0.00	0.00
000Q	##20100930##OROSCOPO XDATAORO M:\RADIOENT\AUDIO\JINGLE\XDATAORO_-20100930.MP3	0.00	0.00	0.00	0.00

27.3 JINGLE SEARCH

The jingle database often includes a great number of records. To display one particular jingle, the fastest way is to search for it. To carry out the search operation simply sort the list in growing order according to the field of the search (e.g. "Description") by clicking on the column heading and enter the description or part of it.

If the search does not provide a satisfactory result, the item which is most similar to the required element will be selected.

By clicking again on the heading of a previously sorted field, data is sorted in decreasing order.

When a field has already been sorted if you click on the right button of the mouse on the heading of another field it is sub-sorted.

28 KEYBOARD



This section allows you to set the HOT KEY keyboards used On-Air (see OnAir manual). It is possible to associate to each Hot Key and each of the three emergency keys an audio present in one of the Audio Manager categories (jingle, base, signature tune,...).

Maximum 21 audios can be associated to each keyboard.

Up to 100 presets can be programmed which can then be retrieved in "On Air".

Database: it allows you to select the category in which to select the audio. The audios of the selected category will be shown in a box below.

Use Start and Stop parameters: when selected, the Start and Stop parameters set in Recorder to play each single audio will be respected; otherwise, the files will be played in full.



To play the selected audio.

Page Number: number of the keyboard currently selected.

Description: it is possible to assign a description to each keyboard to make the search among those created easier in the editing phase and during use On-air.

Loop: when this parameter is selected the audio chosen is repeated 4 times.

TO ALLOCATE AN AUDIO TO A KEY SELECT THE AUDIO FROM THE LIST ON THE LEFT AND CLICK THE REQUIRED KEY.



Click to listen to the audio associated to this key



Click to eliminate the connection between a key and the associated audio.

N.B.: In OnAir, all changes made on the Keyboard pages must be reloaded to make them effective. Click [UPDATE] to make the changes made to the emergency keys effective.

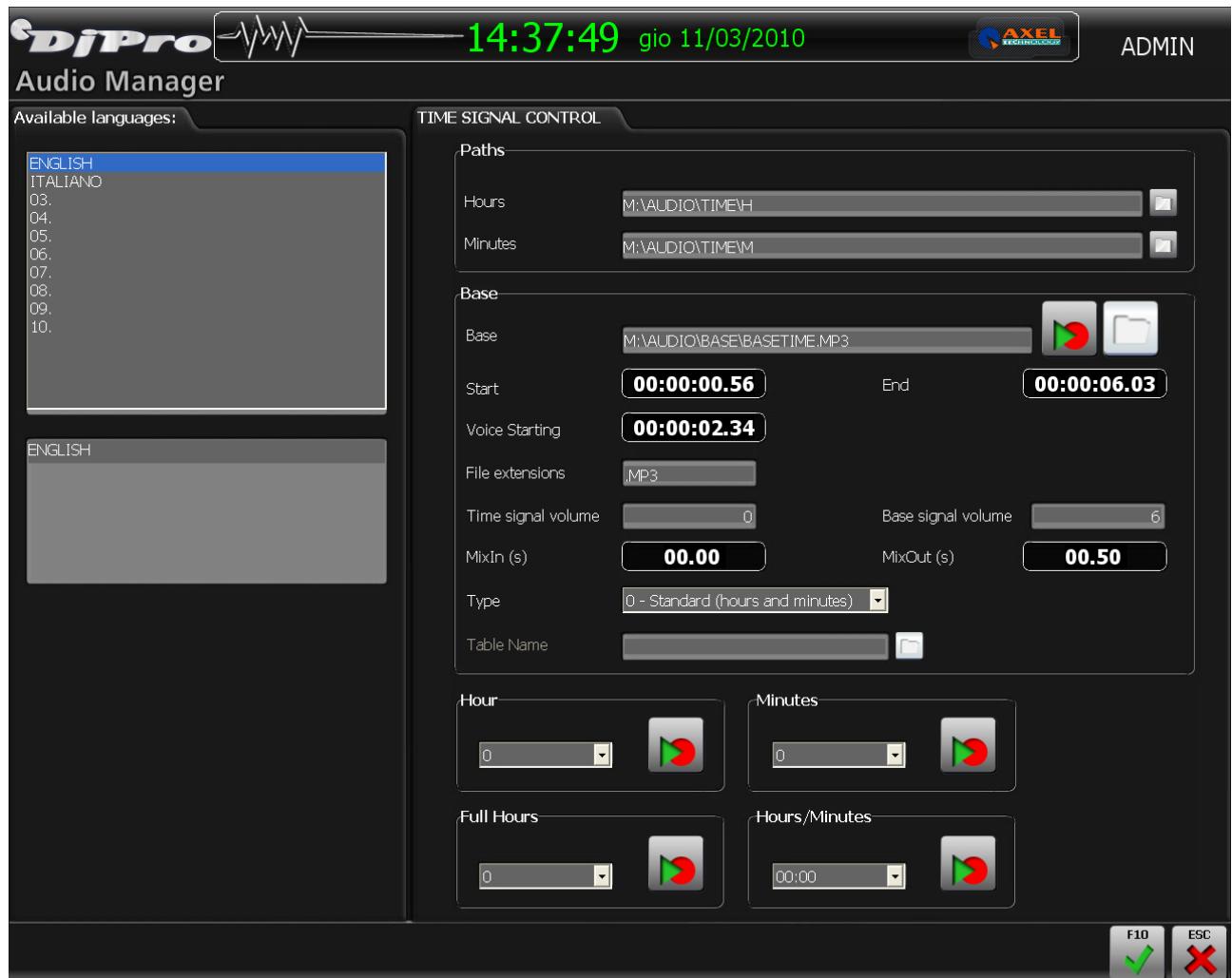


Click **[ESC]** to return to the main **Audio Manager** window

29 TIME SIGNAL

This function allows you to manage and edit the audio files and the automatic on-air parameters of the time signal.

Click [Time signal], and the following window will appear on the screen:



Available languages: list of the various languages available for the time signal.

The box below the list shows the description of each single type; the description can be edited. A description must be entered to correctly save the settings and parameters.

29.1 PATHS

Hours: path in which the audio files related to the hours are saved.

Minutes: path in which the audio files related to the minutes are saved.

29.2 BASE

Base: path of the base used for the time signal (obligatory parameter)



To open Recorder to edit the relevant audio

Start: point in which the base starts when played on-air.

End: point in which the base ends when played on-air.

Voice Starting: point of the base in which OnAir starts playing the audio of the hour and minutes

File Extensions: extensions that can be used for voice files

Time signal volume: value in -dB from 0 to 50 assigned to the time signal volume (default= 0)

Base signal volume: value in -dB from 0 to 50 assigned to the base volume (default= 6)

MixIn (s): base fade-in parameter

MixOut (s): base fade-out parameter

Type: type of time signal

- 0 – Standard (hours and minutes)
- 1 – Unique File (full hours)
- 2 – Unique File (Hours / Minutes)
- 3 – Unique File from database

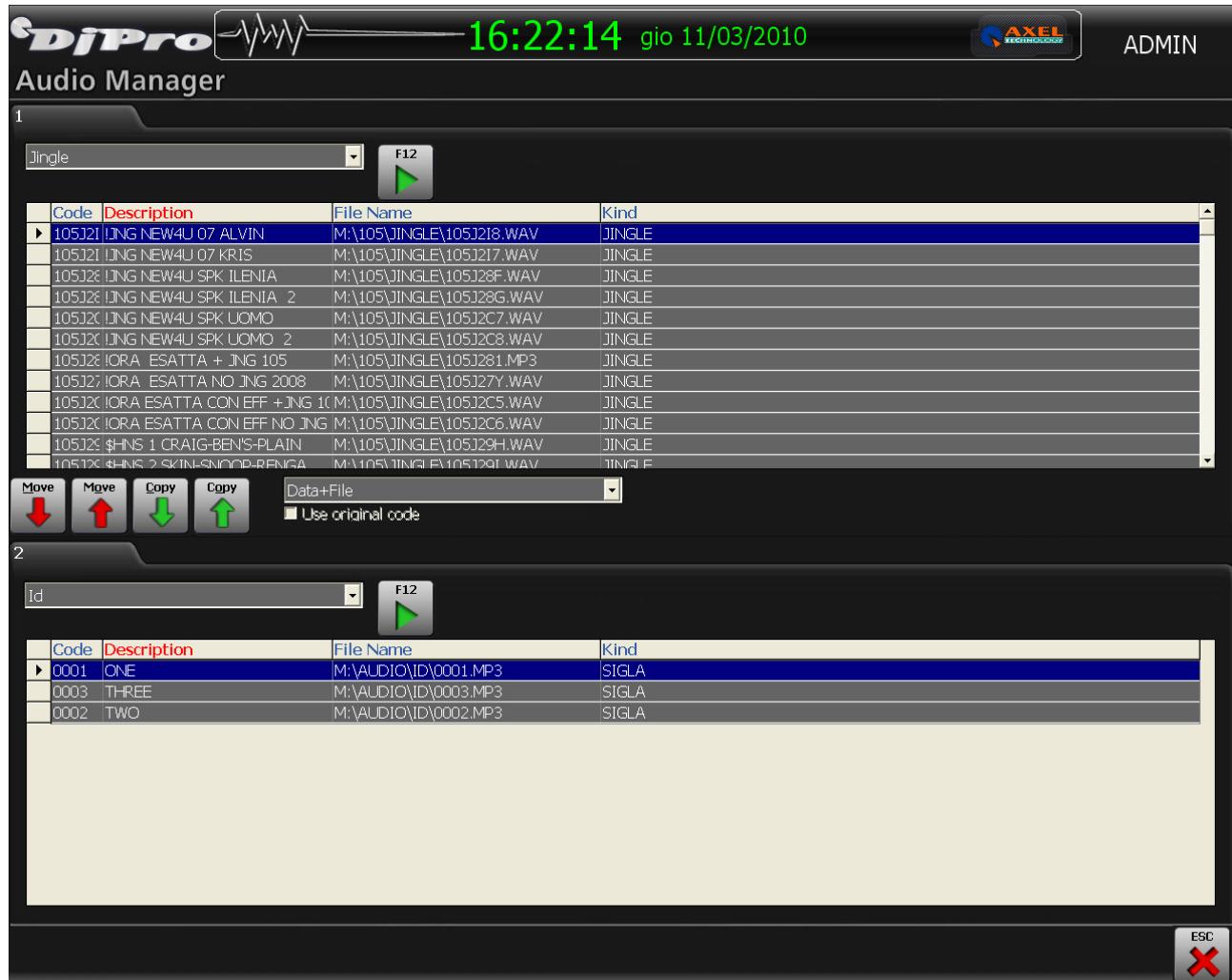
Table Name: name of the audio database to be used if Type=3. In this case the audio files must be entered in the database with descriptions in HH:MM format.



To confirm the editing or insertion of data in the archive click **[F10]** (or press F10 on the keyboard)

To cancel the operations carried out in the insertion phase click **[ESC]**.

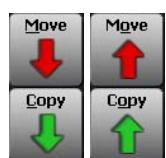
30 TRANSFER



The **Transfer** function allows you to copy or move an audio from one category to another.

The top and bottom parts of the window show the list of the audios of the two categories involved in the transfer. Each part has a dropdown menu for the selection of the audio category to be displayed and the play key to listen to the audio file.

The intermediate part of the window contains the Copy and Move keys.



To transfer the selected audio to the new category deleting data from the original category.

To transfer the selected audio to the new category maintaining data in the original category.

The following transfer mode can also be set:

Data+File: to transfer data and the relevant audio file and giving it a new code and name.

Data only: to transfer only data maintaining the file in the original path. In this case it is possible to assign the same code of origin using the **Use original code** option.

31 CATEGORIES SETUP

Table	Description	Kind	Path	Max. Code	Use Code	Code Type	Extension
BASE	Base	BASE	M:\AUDIO\BASE\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT20	Report	A	M:\AUDIO\AUDIO\A\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT21	Audio B	B	M:\AUDIO\AUDIO\B\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT22	Audio C	C	M:\AUDIO\AUDIO\C\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT23	Audio D	D	M:\AUDIO\AUDIO\D\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT24	Audio E	E	M:\AUDIO\AUDIO\E\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT25	Audio F	F	M:\AUDIO\AUDIO\F\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT26	Audio G	G	M:\AUDIO\AUDIO\G\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT27	Audio H	H	M:\AUDIO\AUDIO\H\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT28	Audio J	J	M:\AUDIO\AUDIO\J\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT29	Audio K	K	M:\AUDIO\AUDIO\K\	4	<input checked="" type="checkbox"/>	Alphanumeric	
CAT30	Audio L	L	M:\AUDIO\AUDIO\L\	4	<input checked="" type="checkbox"/>	Alphanumeric	
COMMAND	Comand	COMMAND	M:\AUDIO\COMMAND\	4	<input checked="" type="checkbox"/>	Alphanumeric	
INTERVEN	Voice	VOICE	M:\AUDIO\VOICE\	4	<input checked="" type="checkbox"/>	Alphanumeric	
JINGLE	Jingle	JINGLE	M:\AUDIO\JINGLE\	4	<input checked="" type="checkbox"/>	Alphanumeric	
PROGRAMM	Program	PROGRAM	M:\AUDIO\PROGRAM\	4	<input checked="" type="checkbox"/>	Alphanumeric	
PUBBLICI	ADVextra	ADV	M:\AUDIO\ADVEXTRA\	4	<input checked="" type="checkbox"/>	Alphanumeric	
SIGLE	Id	ID	M:\AUDIO\ID\	4	<input checked="" type="checkbox"/>	Alphanumeric	

In this section it is possible to enter, edit and delete the audio categories.

Each line contains the data of an audio category defined by the name of the table used in the audio archive. To browse the categories entered it is possible to use the methods explained previously for the Jingle category. The same is valid also for the table sorting method and the search of element in a table.



To open the box in which it is possible to add data of a new element.

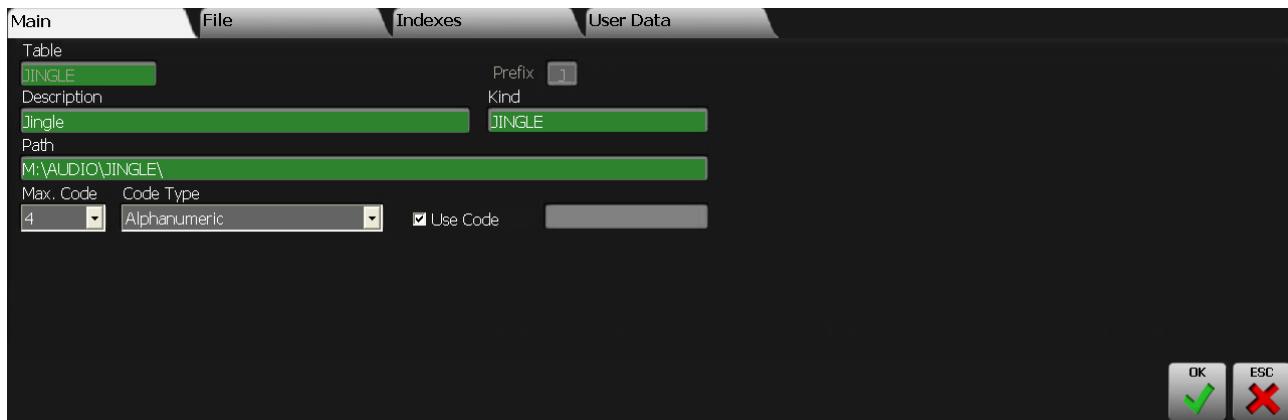


To delete selected items. Default categories (jingles, bases, signature tunes, etc.) or categories containing elements cannot be deleted. In the second case, all the elements contained in the category must be deleted in order to delete the category.



To create a personalised print of the elements present in the database.

31.1 EDITING WINDOW



MAIN

Table: Name of the table. The name must be of maximum 8 characters and must be univocal (it is not possible to have two categories with the same name in the table).

Prefix: useful parameter when scheduling is imported from Selector or Music Master; it defines the prefix of the identification code of each audio of the category concerned.

Description: category description.

Kind: kind to be assigned by default when a new element is added to this category.

Path: path in which the audio files of the category are saved.

Max Code: maximum length of the code field for the category elements. The default value is 4.

Code Type: type of code to be used. The types of codes available are:

- Default Code: the code will be created on the basis of the use of the JINGLE.INI file in which the last code entered +1 will be written. This method has been included to make it compatible with the last version.
- Numeric: the code will be created on the basis of the last code actually present in the list; the new codes proposed automatically by the program are numeric.
- Alphanumeric: the code will be created on the basis of the last code actually present in the list; the new codes proposed automatically by the program are alphanumeric.

Use Code: when this option is enabled, a space is displayed in which the last code used by the archive is shown. If required, the code can be changed. Once changed, the program will continue adding codes starting from the new specified code. If this option is disabled, the code field is not displayed in the category entry window.

FILE

Available Extensions: this list shows all the extensions available for the audio files. It is automatically filled in according to the type of card installed on the PC.

Extensions Sort: using the arrow keys it is possible to move some or all the extensions from those available to those usable. If more than one is selected, 'AUDIO MANAGER' will always use the first one in the list for the automatic creation of the name.

If an extension is not selected the first one on the list of available extensions for the card installed on the computer will be selected.

INDEXES

In this section it is possible to create personalised indexes in addition to existing ones in order to optimise searches and sorting of data in the windows.

USER DATA

In this section it is possible to personalise the file names defined by the user.

32 USER SETUP



The **User Setup** allows you to set the Audio Manager functions and categories which each user is authorised to access and use.

On the left of the window there is the list of users set to access Dj-Pro (for user management see the User Manager section in Administrator Tools). By selecting a user with the mouse, the window will display in the "Enabled categories" the categories currently enabled. If no category is displayed, the user can visualise them all.

In the example in the figure above when the EDIT user will access Audio Manager, the menu will be as follows:



To add a category to the enabled categories select the user from the **Categories** list, select the category to enable by clicking it and use the arrow keys to "move" it to the **Enabled categories** list. When you have completed the operation (or operations in the case of various users) click **[EXIT]** to exit the window or the ESC key on the keyboard for confirmation.

To reset the original Audio Manager menu after the changes click **[Restore]**.

NB: **[Restore]** deletes all the changes made on all users and not only on the one selected.

User Setup also allows you to manage for each user the access to certain functions previously described.

Keyboard, to manage the Hot Keys;

Time signal, to manage the time signal;

Transfer, to transfer the audios from one category to another;

Search, to quickly search for an audio in all the categories.

To enable/disable access to these functions by a user select the user from the **Users** list and then enable/disable the required functions.

33 COMMANDS

COMMANDS are a particular Audio Manager category which allows you to send commands to other programs or devices via SERIAL PORT, TCP/IP or MULTI I/O. These commands are executed respecting the sequence/playlist in which they have been programmed.

The string containing the data to be sent must be written in the *File Name* field, i.e. where the audio file name and path are usually indicated.

33.1 SERIAL PORT

By default, a COMMAND is sent to the serial port opened by the On-Air broadcast as set in the Setup section [RS232] of OnAir.

The string of data to be sent is in text format.

Example: XA1#/

If particular characters need to be sent then the syntax [codiceascii] (ASCII code) must be used for each character to be sent.

Example: [240][2][6][50][52][247]

NOTES:

- the COM port is kept open for exclusive use of the On-air broadcast until the program is open;
- the On-air broadcast cannot open more than one COM port per session.

33.2 TCP/IP

To send a command via TCP, \$ must be typed at the beginning of the command string.

The command is sent to the TCP/IP port opened by the On-air broadcast in the section [TCPIP] of the OnAir Setup.

Example: \$TA

A different port from the one indicated in the setup can be set by starting the command with \$\$, followed by 5 numbers that indicate the number of the port.

Example: \$\$40003CMD_SEND 17,0

33.3 MULTI I/O

To send a command to the MULTI I/O, the letters IO must be written before the rest of the command or (particular case) ##.

The format is: IOcmd-time, where the time is expressed in seconds.

Example: IO659-1

Two commands can be specified in the same string using the format IOcmd#cmd-time.

Example: IO102#103-1800

34 INTRODUCTION

'News Manager' is the software for the insertion, management and playout of newscasts of one or more radios; the program has been created to offer easy management of news, both audio and text, and shows a preview of the result of the composition.

A newscast is made up of different pieces of news coded, recorded and placed in a sequence by the user. For optimal use of the program it is important to take into account the general concepts on which it is based.

* News pieces are separate elements to be individually inserted and recorded.

* Newscasts are made up of a series of news pieces defined by the user.

35 STARTING THE PROGRAM

Click [News] from the DJ-PRO menu to start the program; the following main window will appear on the screen:





Displays the LOG of the operations carried out from the menu during the day.

Opens a box to search for elements in one or more archives. The search can be made using various filters according to the text entered.

The Unlock function resets the correct access to archives by all users in the case of a lock on records usually caused by a forced exit from the program during the modification of data (for example due to a power failure and consequent switching off of the PC).

The maintenance operation optimises the archive and recreates indexes; if the delete audio files function has been selected it eliminates the audio files from the records that have been removed from the data entry/edit categories box.

This is a "delicate" operation that must only be performed by users with ADMIN authorisation (see 'ADMINISTRATOR TOOLS' manual). During the execution of the operation, the archive cannot be accessed to edit, add or delete records.

To open program setup which can be personalised through a series of parameters.

To close the program.

36 NEWSCASTS

The **Newscasts** function allows you to add, edit and delete single newscasts, i.e. the news "containers". In this phase only the heading of the newscast and the references to the signature tunes and bases are entered; to complete the newscast see the **Composition** section.

As regards the playout, newscasts are broadcast as follows:

- 1) STARTING SIGNATURE TUNE OF THE NEWSCASTS
- 2) BACKGROUND BASE + NEWS
- 3) ENDING SIGNATURE TUNE.

Warning: the audio files of the signature tunes, bases and news must all have the same format (e.g. MP3).

Click **[Newscasts]** to open the following screen:

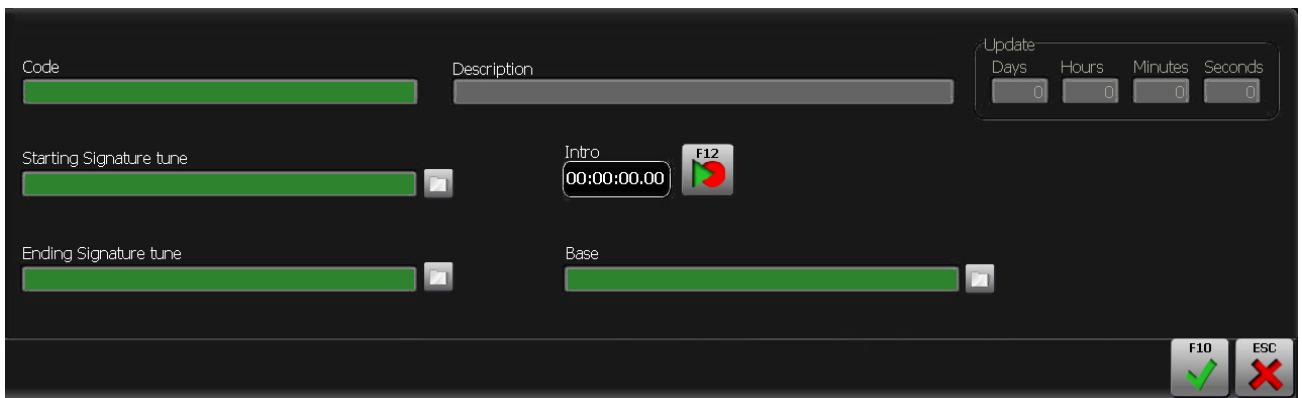
Code	Description	Date	Time
AUTO0730	NEWS 07_30	16/03/2010	19:01:36
AUTO0830	NEWS 08_30	16/03/2010	19:01:45
AUTO1730	NEWS 18_30	16/03/2010	19:01:51
AUTO2030	NEWS 20_30	16/03/2010	19:01:56
NEWS06	NOTIZIE PER ORE _6	11/04/2006	15:20:39
NEWS1230	NEWS 12_30	16/03/2010	19:02:07
SPORT0730	07:30 SPORT NEWS	16/03/2010	19:02:13
SPORT0830	08:30 SPORT NEWS	16/03/2010	19:02:19
SPORT1830	18:30 SPORT NEWS	16/03/2010	19:02:25
SPORT2030	20:30 SPORT NEWS	16/03/2010	19:02:33
ZTEST	TEST	17/07/2002	17:13:08

To change the main order of each list click with the left button of the mouse on the heading of the column concerned; click again on the same column to reverse the order. To assign a secondary sorting order press the right button of the mouse then the procedure is the same.



To **insert** a new newscast click **[F2]**

The following window will appear:



From here it is possible to set the following parameters:

CODE	Newscast code. E.g. news0930 Warning: the code can be of maximum 8 digits.
DESCRIPTION	Description of the newscast to be inserted. E.g. Newscast 09:30
STARTING SIGNATURE TUNE	Name and path of the file used for the starting signature tune of the newscast. The signature tune can be selected from those previously entered in the Id category in Audio Manager (see relevant manual).
ENDING SIGNATURE TUNE	Name and path of the file used for the ending signature tune of the newscast. The signature tune can be selected from those previously entered in the Id category in Audio Manager (see relevant manual).
BASE	Name and path of the file used for the background base of the newscast. The signature tune can be selected from those previously entered in the Base category in Audio Manager (see relevant manual). Please note that the base is played in loop until the end of the news.
INTRO 	If the BASE parameter is not set it is possible to use the tail of the starting signature tune as base for the newscast by setting an INTRO point that indicates the start point of the base. To do this click [F12] to start Recorder and set the intro point (see Recorder manual)



Click **[F10]** to save the data enter and return to the newscasts list.

Click **[ESC]** to return to the newscasts list deleting the data entered.



Click on the folder key for easier insertion of the fields <**STARTING SIGNATURE TUNE**>, <**ENDING SIGNATURE TUNE**> and <**BASE**>. The following window will appear:

Starting Signature tune		
Description	Kind	File Name
EPSON METEO CHIUSURA	SIGLA	M:\105\SIGLE\105SONM.MP3
F1-0-5 SIGLA + BASE	SIGLA	M:\105\SIGLE\105SONG.WAV
F1-0-5 FLASH FINALE	SIGLA	M:\105\SIGLE\105SOR7.WAV
F1-0-5 SOLO BASE	SIGLA	M:\105\SIGLE\105SOLD.WAV
FORMULA 105 SIGLA NO SPONS.	SIGLA	M:\105\SIGLE\105SOM0.MP3
GIRO D'ITALIA CHIUSURA	SIGLA	M:\105\SIGLE\105SOTV.WAV
MOTO GP 07 SIGLA+BASE	SIGLA	M:\105\SIGLE\105SQC.WAV
MOTO GP 2007 BASE	SIGLA	M:\105\SIGLE\105SQD.WAV
MOTO GP 2007 FLASH1	SIGLA	M:\105\SIGLE\105SOR8.WAV
MOTO GP 2007 FLASH2	SIGLA	M:\105\SIGLE\105SOR9.WAV
SAN VALENTINO BILLB+SIGLA	SIGLA	M:\105\SIGLE\105SOTO.WAV
SAN VALENTINO BASE	SIGLA	M:\105\SIGLE\105SOTP.WAV
SAN VALENTINO FLASH CHIUSURA	SIGLA	M:\105\SIGLE\105SOTQ.WAV
SANREMO 08 SIGLA+BASE	SIGLA	M:\105\SIGLE\105SOLP.WAV
SANREMO 08 BASE	SIGLA	M:\105\SIGLE\105SOLU.WAV
SANREMO 08 FLASH 1	SIGLA	M:\105\SIGLE\105SOLQ.WAV
SANREMO 08 FLASH 2	SIGLA	M:\105\SIGLE\105SOLR.WAV



The window contains the list of the bases (or signature tunes) available in the archive.

To select a base (or signature tune) click with the mouse on it and click [F10]. Click [ESC] to return to the previous window without making changes to the selected field.

To **edit** a newscast select it from the list and press ENTER or double click on the line of the newscast. A window like the one used for the insertion will appear and it works in exactly the same way.



To **delete** a newscast from the list position the mouse on the corresponding line and click [F5]. Confirmation will be required before deletion.

To delete more than one newscast at the same time keep SHIFT or CTRL pressed on the line headings (the squares on the left of the lines to be deleted).



Click [F7] to copy in a memory (Clipboard) the data of the line (or lines) selected; in this way they can be **pasted** in any other Windows program such as Word or Notepad.



Click [F6] to **print** the list of newscasts present in the archive. The printer to be used must be selected and a print preview of the selected list will be shown.

37 NEWS

In this section it is possible to enter, edit, delete or record single news pieces. Click [News] from the main menu; the list of news entered will appear:

Code	Description	Date	Interest	Length
17863	LUCIO - GIULIANA DE SIO -BETTA	03/11/2000	03/11/2000	03:25.69
20230	DIONISI-DANI DI TUTTO DI +	16/01/2001	16/01/2001	15:07.78
20596	TIM ASPIRANTI GIORNALISTI - ALE	25/01/2001	25/01/2001	03:59.57
20600	VERIFICA TIM - ALE	25/01/2001	25/01/2001	19:03.48
20902	LUCIO - ELISABETTA GARDINI DA EDITARE	01/02/2001	01/02/2001	03:58.58
21187	BERGONZONI - DETUTTODEPIU' - ALE	08/02/2001	08/02/2001	05:47.22
21797	LUCIO-CASTELLITTO-BETTA	23/02/2001	23/02/2001	02:30.49
22119	LUCIO-LUCA LAURENTI-BETTA	02/03/2001	02/03/2001	06:18.23
22120	LUCIO-LOPEZ CON SERGI -BETTA	02/03/2001	02/03/2001	07:16.53
22123	LUCIO-ROSITACELENUO-BETTA	02/03/2001	02/03/2001	03:47.37
22484	LUCIO-NANCY BRILLI-BETTA	12/03/2001	12/03/2001	01:31.27
22485	LUCIO-VALERIA MAZZA-BETTA	12/03/2001	12/03/2001	02:55.15
22497	OZPETEK-REG LE FATE IGNORANTI-DD	12/03/2001	12/03/2001	09:32.29
22558	NANCY BRILLY-DI TUTTO DD	14/03/2001	14/03/2001	06:58.56
22606	MARATONA/JOGGING-PROF GALANTI-BETTA	15/03/2001	15/03/2001	03:21.04
22616	NICHETTI - DANI DA EDITARE	15/03/2001	15/03/2001	04:04.40
22621	TRAVAGLIO - L'ODORE DEI SOLDI - ALE	15/03/2001	15/03/2001	05:31.78
22646	VALERIA MARINI - ANGELO - ALE	14/03/2001	14/03/2001	02:43.58
22658	CAMPAGNA SCI IRE77AS RAI IDO-BETTA	16/03/2001	16/03/2001	00:14.37

To **insert** a new piece of news (key [F2]), the following fields must be filled in:

CODE	Univocal news code. E.g. 1001. It is automatically generated by the program. We recommend keeping the code indicated.
DESCRIPTION	Description of the news to be inserted. E.g.: WEATHER NEWS
DATE	Date of entry of the news in the database; it is filled in automatically.
AUDIO FILE	Name of the recording file. It is the same as the code; change it only if necessary.
LENGTH	Length of the news; it is automatically filled in after the recording.

The data mentioned above are fundamental for the playout of the news. Other data which do not affect the playout can be entered for easier management of the news by the user:

KIND	Select a kind from the list (the items can be customised in the [Tables] section).
TYPE	Select a type from the list (the items can be customised in the [Tables] section).
INTEREST	Enter the date from which the news is no longer of interest or must be removed from playout. N.B.: as this is purely a descriptive field it is not interpreted by ON-AIR.
REPETITIONS,	The user can manage these numeric fields as required by manually entering the values.
FREQUENCY,	

NUMBER OF PASAGES



Once the name of the voice file has been entered click **[F12]** to record the audio of the news.

Click this key to view, edit or add the text associated to the news; the test is recalled during the news composition to favour the organisation.

To **edit** a piece of news select it from the list and press ENTER or double click on the line of the news. The window with the characteristics of the news will appear on the screen; all data can be edited except for the code.



To delete a piece of news select it from the list and click **[F5]**. Confirmation will be requested before deletion.

More than one piece of news can be deleted at the same time as described in the Newscast section.



Click **[F6]** to print the list of news present in the archive. The print is sorted according to the sorting order displayed in the list.



If a piece of news is obsolete but must not be deleted it is possible to move it in the Archive by clicking **[F3]**

38 COMPOSITION

The composition of a newscast is the preparation of the audio playlist (and of any associated texts) which, together with the signature tunes and base, makes up the **final newscast** which is broadcast.

By clicking [**Composition**], the list of newscasts available will appear (the same that appears in **Newscasts**). To select which newscast to compose click twice on the relevant line or select it and click [**F10**]. At this point the composition window, which is the heart of News Manager, will appear:

Code	Description	Date	Interest	Length
17863	LUCIO - GIULIANA DE SIO -BETTA	03/11/2000	03/11/2000	03: 25.69
20230	DIONISI-DANI DI TUTTO DI +	16/01/2001	16/01/2001	15: 07.78
20596	TIM ASPIRANTI GIORNALISTI - ALE	25/01/2001	25/01/2001	03: 59.57
20600	VERIFICA TIM - ALE	25/01/2001	25/01/2001	19: 03.48
20902	LUCIO - ELISABETTA GARDINI DA EDITARE	01/02/2001	01/02/2001	03: 58.58
21187	BERGONZONI - DETUTTODEPIU' - ALE	08/02/2001	08/02/2001	05: 47.22
22119	LUCIO-LUCA LAURENTI-BETTA	02/03/2001	02/03/2001	06: 18.23
22120	LUCIO- LOPEZ CON SERGI -BETTA	02/03/2001	02/03/2001	07: 16.53
22123	LUCIO-ROSITACELENUANO-BETTA	02/03/2001	02/03/2001	03: 47.37
22484	LUCIO-NANCY BRILLI- BETTA	12/03/2001	12/03/2001	01: 31.27
22485	LUCIO-VALERIA MAZZA-BETTA	12/03/2001	12/03/2001	02: 55.15
22497	OZPETEK-REG LE FATE IGNORANTI-DD	12/03/2001	12/03/2001	09: 32.29
22558	NANCY BRILLY-DI TUTTO DD	14/03/2001	14/03/2001	06: 58.56
22606	MARATONA/JOGGING-PROF GALANTI-BETTA	15/03/2001	15/03/2001	03: 21.04
22616	NICHETTI - DANIS DA EDITARE	15/03/2001	15/03/2001	04: 04.40
22621	TRAVAGLIO - L'ODORE DEI SOLDI - ALE	15/03/2001	15/03/2001	05: 31.78
22646	VALERIA MARINI - ANGELO - ALE	14/03/2001	14/03/2001	02: 43.58
22658	CAMPAGNA SICUREZZAS-BAUDO-BETTA	16/03/2001	16/03/2001	00: 14.37
22660	CAMPAGNA SICI IRF7ZA-RI.ITA -PFTTA	16/03/2001	16/03/2001	00: 16.88

N	Gate	Description	Date	Interest	Length
1	News	CECHI PAONE-CAMPAGNA SIC-STRAD-DD	23/03/2001	23/03/2001	01:03.92
2	News	KEZICH - OSCAR - ALE	26/03/2001	26/03/2001	02:42.40
3	News	MINA - KLAUS DAVI - ALE	27/03/2001	27/03/2001	02:41.86
4	News	SICUREZZA STRADALE-PARODI-3-DD	19/03/2001	19/03/2001	00:02.69

List of the news in a newscast. With a double click you can move a news. 00:06:30.86

F7 F6 F10 ESC

The keys on the right represent the source of news previously prepared. These sources are called **Gates** (see relevant chapter); usually the only Gate available is **News**. When a Gate is selected the content is displayed (top table); the news can be listened to or read, or the text associated to it can be set by clicking [**F11**], **Pause** and [**F8**].

To **insert** a piece of news in the newscast edition (bottom table) double click on the required news;



to **remove** a piece of news from the composition select it and click **[F5]**.

To **change the order** of a piece of news double click it (bottom grille) and then click again in the required position. The lines below will move down a place.



To listen to the audio of the newscast composed, news after news, select the **Automatic** option, position the mouse on the first news and click **[F12]**.

To listen to the news currently selected, or the jingle between one news and the other press the **space bar**. The jingle between news can be set in the Setup section of News Manager.



Click **[F7]** for a full view of the texts of all news and how they follow each other.



Once the newscast is complete, the composition can be sent on-air by clicking **[F10]**

39 ARCHIVE

This is the database of the news no longer used in the newscast composition but which are not to be deleted.



To move a piece of news from the archive to the News area select it and click **[F3]**.

The management of the Archive is similar to that of the News with the exception of the editing function: the only editable field is the Description.

40 TABLES

This function allows you to customise the lists of *Types* and *Kinds* of news present in the archive. By clicking [**Tables**] the following window will appear; from here it is possible to specify the type and/or kind of a piece of news.



Click [**F2**] to insert a new word in the list; a *Key* must be indicated for each word (a number from 0 to 999) and a *Word* (maximum 10 letters).

To edit the word select it from the list and press ENTER or double click on it.

To delete a word select it from the list and click [**F5**].

To print the content of the table click [**F6**].

41 INTRODUCTION

'ON-AIR' is a program that allows you to broadcast songs, news, advertisements and all the audio available for complete radio automation.

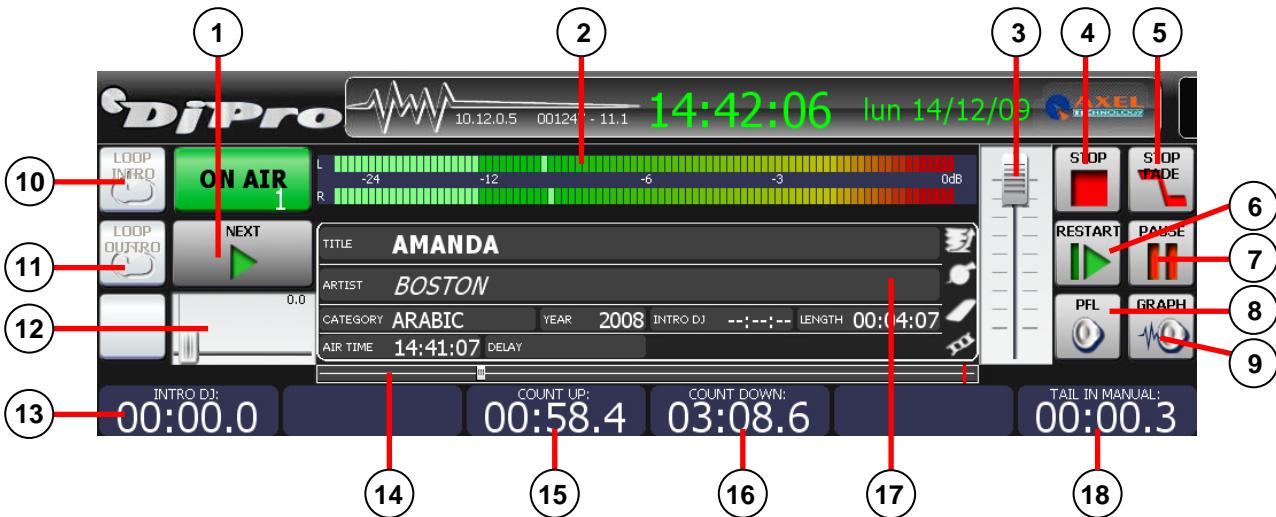
42 ON AIR

The program is usually set to be executed automatically when the ON-AIR computer is started; it can also be executed manually also from other specially configured workstations from the **DJ-Pro Menu** by clicking [ON-AIR].



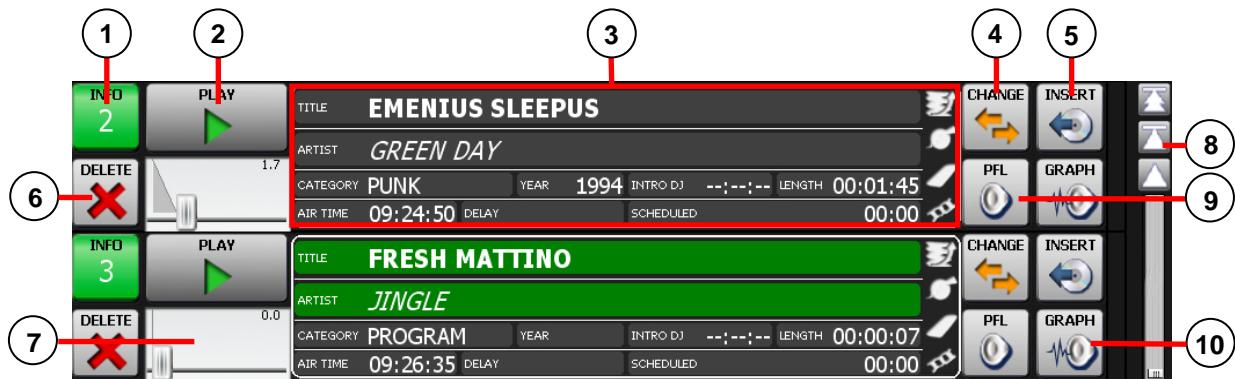
The use of DJ-Pro ON-AIR is simple and intuitive as it is divided into different areas and the keys are easy to understand.

42.1 ITEM ON-AIR



1	NEXT-PLAY: when clicked it interrupts the item on air, with mixout if required, and then plays the next item.
2	VU-METERS: they show the levels of the Left and Right channels of the item on-air
3	VOL: it displays the volume of the item on-air. To change the level position the mouse on it and move vertically keeping the left button pressed to set a value between 0dB and -64dB
4	STOP: it interrupts the item on air without fading. The On-air broadcast must be set in Manual mode.
5	STOP FADE: it interrupts the item on-air applying the fade set for the item or if fade =0 it applies the fade set by default in the OnAir setup section. The On-air broadcast must be set in Manual mode.
6	RESTART: when clicked, the item on-air starts again from the beginning.
7	PAUSE: when clicked it pauses the item on-air. To restart click again.
8	PFL: it opens the prelisten window of the item on-air.
9	GRAPH: it opens the DJMTRACK window (see relevant section).
10	LOOP INTRO: when clicked it continuously plays the INTRO of the item on-air.
11	LOOP OUTTRO: when clicked it continuously plays the OUTTRO of the item on-air.
12	FADE: it displays the fade-out value of the item on-air. To change it position the mouse on it and move horizontally keeping the left button pressed.
13	INTRO DJ: the time missing before the start of the voice part of the item on-air. The colour is green until the last three seconds available then it becomes red.
14	TIME BAR: the bar visually shows the start point (green line), intro end (yellow line), outro start (purple line) and stop (red line) of the item on-air. A cursor runs along the time bar showing at which point the execution of the item on-air is. The cursor can be dragged with the mouse during the playout to vary the execution point.
15	COUNT UP: it indicates the time passed from the start of the execution of the item on-air
16	COUNT DOWN: it indicates the time left to the end of the execution of the item on-air.
17	INFO: it shows information concerning the audio file of the item on-air.
18	TAIL IN MANUAL: it indicates the difference in time between the stop point and the original length of the item on-air (useful when in MANUAL mode).

42.2 PLAYLIST ITEMS



1	It indicates the current position of the item in the playlist and if the associated audio file exists (ready – green) or not (not ready – red). This is not present for items made up of more than one audio file (e.g. News) or of no audio file (e.g. Notes). By clicking on it, a window with the details of the audio files will be displayed.
2	PLAY It is possible to play immediately an item on the playlist by simply clicking the corresponding play key, thus interrupting the item on-air and moving the following items up by one position.
3	Each item is described with the following information: <TITLE> <ARTIST> <CATEGORY> <YEAR> <INTRO DJ> <LENGTH> <AIR TIME> <DELAY> <SCHEIVED TIME>; DIGIWARE PARAMETERS.
4	It replaces an item in the playlist. The new item is selected using Audiobrowser (see paragraph below) and replaces the item in the position where the insert key has been pressed.
5	It adds a new item to the playlist. The item is selected using Audiobrowser (see paragraph below) and is inserted in the position in which the insert key has been pressed, moving all the following items down one position.
6	It eliminates the item from the playlist by moving the following items up a position.
7	It shows the fade-out value of the relevant item in the playout phase and allows it to be edited (valid only for current on-air) by positioning the cursor with the mouse and dragging it horizontally.
8	SCROLL: to scroll the playlist click the arrow keys to move by one position, one page or go directly to the top or end of the list.
9	It opens the prelisten window of the corresponding item (see relevant section)...
10	It opens the DJMTRACK window (see relevant chapter).

42.3 AUDIOBROWSER

To add or replace an item in the playlist click the relevant **CHANGE** and **INSERT** keys (see paragraph above) which retrieve a program that allows you to display and select which of the audios previously entered in one of the radio's databases to use. The program is Audiobrowser.



On the left there is a menu similar to Windows "Explore resources" with a list of the Dj-Pro archives. In addition, it is possible to select an audio file not part of the Dj-Pro databases by searching for it in the local computer using the *My Computer* icon or in your PC network using the *My Network Places* icon.

By selecting one of the Dj-Pro archives, the list of corresponding audios will appear on the right. Information concerning the selected audio is displayed just below the list.



SQL: To open a window in which to set the search filters for the selected database. The filters can be created from the Setup section of the "SONG MANAGER" program

PLAY: To open the Player window to prelisten to the selected audio.

PAUSE: To interrupt the prelisten of the selected audio.

MASK: To enable/disable the display of the audios with the "masked" parameter.

To export the audio of the selected element to a file.

To confirm the insertion of the audio selected in the playlist.

REFRAIN: It is enabled when the Refrain In and Refrain Out parameters of the selected audio have been set. It confirms the insertion only of the song's refrain in the playlist (see the *Recorder* manual).

Click **[ESC]** to cancel the insertion and close Audiobrowser.

DISPLAY

It is possible to personalise the display of data in Audiobrowser.

Each archive is usually made up of a great number of records. To display one particular record, the fastest way is to search for it. To carry out the search operation simply sort the list in growing order according to the field of the search (e.g. "Title") by clicking on the column heading and enter the description or part of it. If the search does not provide a satisfactory result, the item which is most similar to the required element will be selected.

By clicking again on the heading of a previously sorted field, data is sorted in decreasing order.

When a field has already been sorted if you click on the right button of the mouse on the heading of another field it is sub-sorted. For example data can be sorted by author and sub-sorted by title so that the database is sorted by author and the songs of each author are in growing order.

View: using the special menu on the top it is possible to select various ways of displaying the data present in the table by selecting for each one which fields should be shown. Two basic modes are present (<Default> and <Workstation>), but new ones can be added from the Setup section of the various Dj-Pro programs.

Colors: this allows you to highlight the lines of the table displayed according to various criteria.

- *No Check*: to set the default color for all lines.
- *Color the last transmitted songs*: to highlight the lines of the audios played during the current day.
- *Color songs by kind*: to set a different background color for audios of different categories.
- *Color last inserted songs*: to highlight the lines of the audios inserted in the playlist during the current day.

Search digit: when set on *Incremental*, the digits entered for the search are memorised until they are deleted manually; if set on *Standard*, the digits are automatically cancelled after two seconds of inactivity.

In addition there are three keys on the bottom left:



- Hide/show archive menu
- Hide/show display window of data on the audio selected.
- Enable/Disable the Screen keyboard:



42.4 DJMTRACK

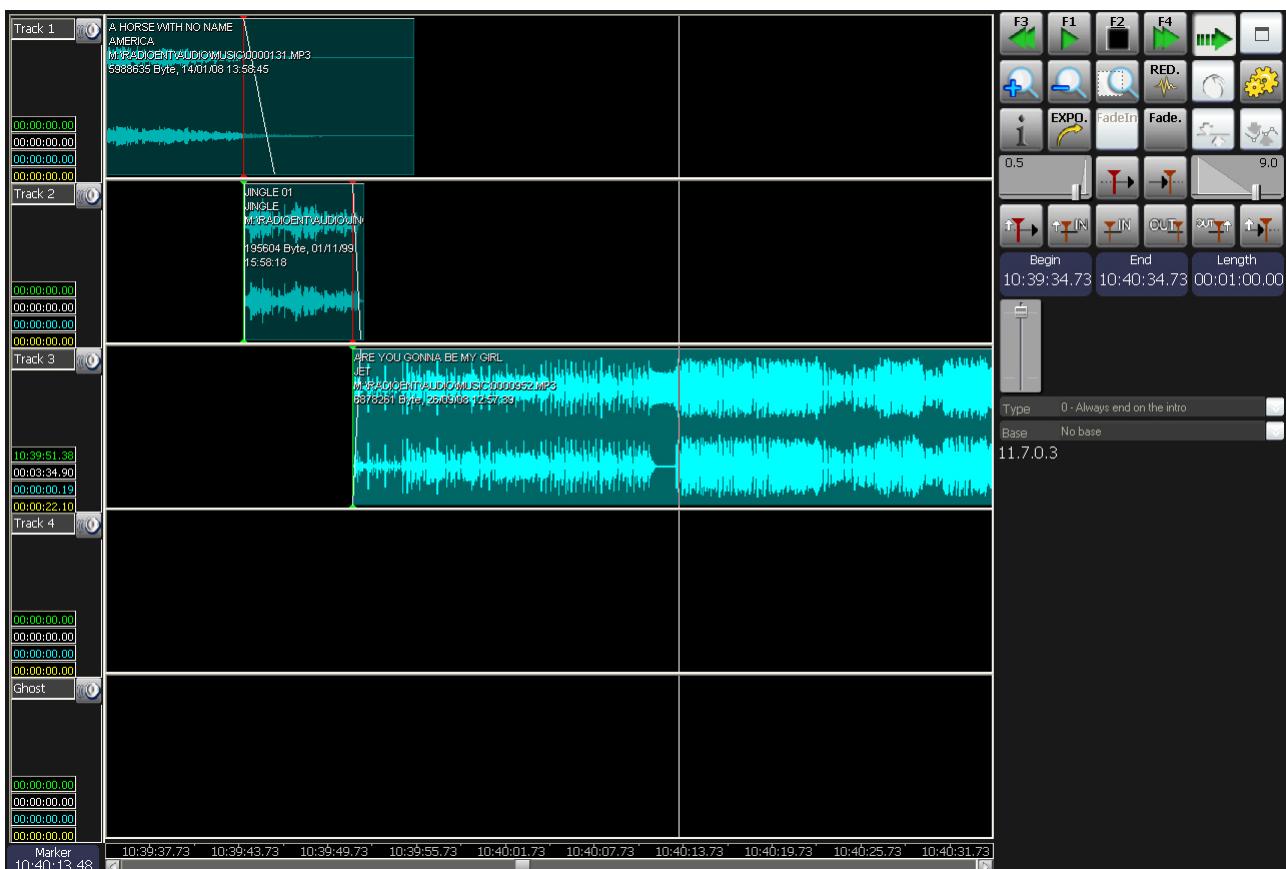
DJMtrack allows you to display, prelisten and edit a playlist before the actual playout.

The audio is played on the output allocated for prelistening.

If the On-air broadcast is configured to use different outputs, then *DJMtrack* simulates the overlapping on one single output.



To launch the program click the **[GRAPH]** key related to one of the playlist events on which you intend to operate; the following window will open:



42.5 DISPLAY

The main window of the program is divided into four areas:

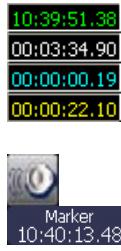
- on the right there is the *command bar* to access all main functions;
- on the left there is the *time bar* to show information on the selected audio and any voice-over and base being played.
- at the centre there are the *tracks* containing the various audios, i.e. the main part of the program;
- at the bottom there is the *position bar* to view/edit the current position in the playlist.

Please note that the term "tracks" does not refer to the transmission method or audio file format but to the display of the items divided as follows:

Track 1-4: they display all the main items in sequence for a simple and immediate display of the item sequence (or waves);

Ghost: it displays the bases of the voice-overs (if specified) and any other special items.

The number of tracks does not affect in anyway the playout system.

TIME BAR

By selecting an audio (or wave), the following information will be displayed on the left of the selected "channel":

- start time (playout time foreseen for the item which coincides with the START value);
- total length of the audio (without considering the START and STOP values);
- current position within the audio file (without considering the START and STOP values);
- time remaining to the end of the audio file (without considering the START and STOP values).

Key to enable/disable the sound of the selected track.

Marker: it indicates the current position in 24 hour format; by clicking on it, the time can be manually changed and the position can be moved to another point.

COMMAND BAR

To start playing from the current point onwards; the same function is activated by pressing SPACE.

To enable/disable continuous play: when enabled the audios are played one after the other using the fade and volume parameters set in the OnAir configuration file (see *Setup OnAir Manager* manual for further information); when disabled, the play function only affects the selected audio and in this way it is possible to listen to it in full without considering the START and STOP points set.

To interrupt playing in the current point.



To fast rewind in the selected item.

To fast forward in the item selected.

Zoom in is available also by pressing "+".

Zoom out is available also by pressing "-".

Maximum zoom out to show the channels without enlargement.



To load the graph of the selected audio.



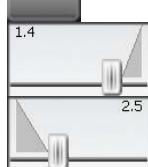
To open the program setup.



To display information on the selected audio.

To export the session (or part of it) in a .SES file readable by programs such as Cool Edit and Adobe Audition.

To set the value of the listening point (*marker*) for the MIXOUT of the selected audio.



To set the value in seconds of the MIXIN and MIXOUT parameters of the selected audio.



To set the *marker* for the START of the selected audio.

To set the *marker* for the STOP of the selected audio.



To set the *marker* for the INTRO of the selected audio.

To set the *marker* for the OUTTRO of the selected audio.

To position the *marker* on the START point of the selected audio.

To position the *marker* on the INTRO point of the selected audio.

To position the *marker* on the OUTTRO point of the selected audio.

To position the *marker* on the STOP point of the selected audio.

They show the beginning and end time and the length of a selected area; if no area has been selected the values refer to the entire playlist selected.

Begin	10:39:34.73
End	10:40:34.73
Length	00:01:00.00

To change the playout volume level of the track selected from 0dB to -48dB.



If a track corresponding to a Voice-over is selected and if the *Voice-over type from DBF* parameter is active in the OnAir Setup, the *Type* and *Base* fields are enabled; from these fields it is possible to edit any voice-over and any associated base.

42.6 OPERATIONS

DJMtrack allows you to graphically move the editing points of an audio: Start, Intro, Outro, Stop,...

To move an element means editing the Stop of the previous element so that the moved element will start in the required point.

By moving a non-voice-over element, everything that follows time wise moves consequently while everything that is before remains unchanged.

To drag an element click on it with the right button of the mouse and drag to the left or right. To move the Start of the element selected maintaining the Stop of the previous element fixed keep the SHIFT key on the keyboard pressed before starting the movement.

The movement of elements does not generate gaps in the playlist and any movements/changes that could create gaps are corrected by the program.

For example if a Voice-Track type element which is played on its own base for 10 seconds is dragged on the previous audio, the following audio will move closer and the following audios will move consequently.

An audio always starts at the Stop point of the previous one except in the case of Voice Track elements.

Advertising, Time Signal, notes, News, Commandtype elements are called "intangibles" and can be managed using *OnAir*.

Editing points of the Intangibles cannot be changed but can be moved (unless otherwise specified).

Voice Track type elements can be freely moved within the limits of the previous and following element (or within general limits).

Non-Voice Track elements cannot be moved as their position is preset. The editing points of these elements cannot be changed.

42.7 CUSTOMIZABLE VOLUMES

DJMtrack allows you to customize the volume of each element, point by point, activating *the Customizable volumes* function (parameter available in the program setup section).



If this function is enabled press the relevant key to start editing the point of the volume and release the key at the end of the changes.

To add a volume point, position the mouse on the volume bar (by default it is at the top of each on-air), until a hand with a plus sign appears + (☞). Then keep the left hand button of the mouse pressed and drag the mouse to position the volume point.

When you release the left hand button of the mouse, the program saves the position of the volume point.

To move a volume point position the mouse on it, keep the left hand button of the mouse pressed and move the volume point.

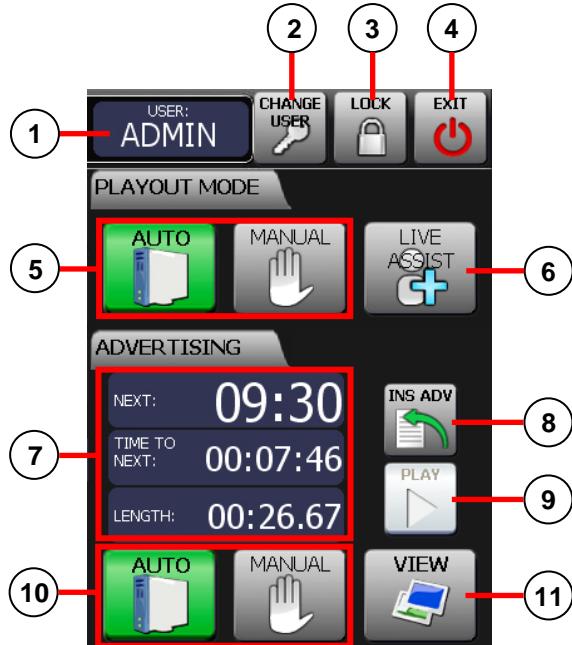
To remove a volume point drag it up or down out of the on-air to which it belongs.

Volume points created in this way are used by OnAir to immediately edit the audio volume.

Volume points are effective only for the current playlist.

WARNING: the default final fading is not used when volume points are present.

42.8 ONAIR MANAGEMENT



1	It displays the user using the On-air.
2	It allows you to change the user for the use of the On-air.
3	It disables all the operations allowed On-air (locked mode).
4	It closes the On-air box (Ctrl+Alt+right button of the mouse).

The PLAYOUT MODE allows you to set the playout mode:

5	It sets the AUTOMATIC / MANUAL playout mode of the playlist items.
6	It enables the On-air broadcast in LIVE ASSIST mode (see relevant section).

The ADVERTISING section manages the playout of the next advertisement bar:

7	This section shows the scheduling time (NEXT:), time remaining up to that time (TIME TO NEXT:) and the LENGTH: of the advertisement bar.
8	It inserts in item 2 of the playlist the advertisement bar which will be played after the item being played regardless of its actual scheduling time.
9	It can be enabled only when advertising is in MANUAL mode and the scheduling time is reached (NEXT:). It allows you to manually playout the advertisement bar.
10	It sets the AUTOMATIC / MANUAL playout mode of the advertisements.
11	It displays on the secondary screen the adverts that make up the advertisement bar.

42.9 LIVE ASSIST

LIVE ASSIST is a particular On Air mode for the management of three different audio streams at the same time for the playout. To use this mode correctly after having selected the outputs of the playout the *MultiPipe mode* parameters in OnAir Setup must be enabled (for further details see the *Audio Cards configuration* section in the *Setup OnAir* manual).

When you click **LIVE ASSIST** (see previous paragraph), the playlist box will be displayed as follows:



Each of the first three items in the playlist, highlighted in black, is managed by a dedicated player to which one of the outputs set in the setup is associated. As shown in the figure the three outputs are A, B and C.

The player commands are similar to standard commands (see paragraph 3.1), except for certain features:

- Click **PLAY** to start playing the associated audio; click the key again to pause the audio; click again to start the audio from the point in which it was interrupted.
- Click **STOP** and **STOP FADE** to interrupt the audio; click **PLAY** to play it again from the beginning.
- Click **DELETE** to remove the audio from the player and replace it with the event in position 4 of the playlist moving all the other events up one position.

42.10 EMERGENCY KEYS

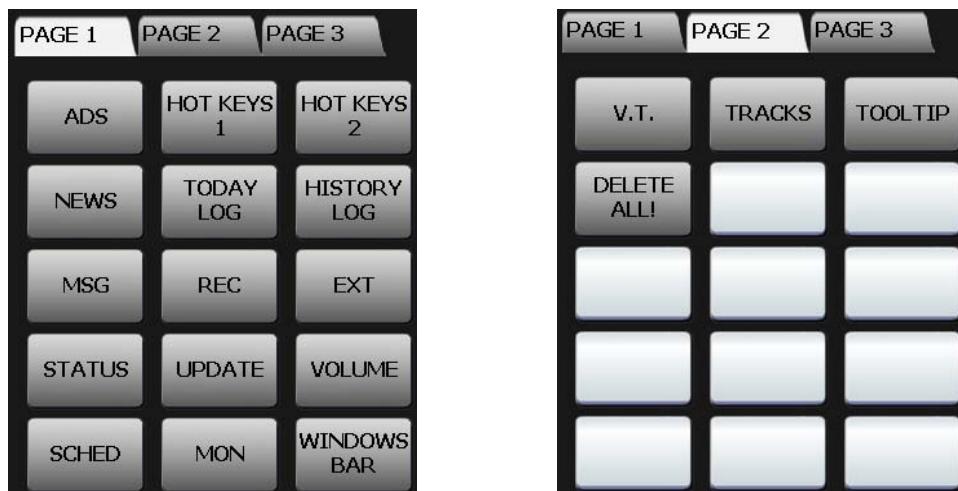
Certain types of events (advertisements, news, voice-overs,...) cannot be interrupted during transmission by the STOP command and the START command cannot be used to move onto the following event. Three emergency commands are available to interrupt one of these events; the commands are activated by pressing the following buttons: **Alt+1**, **Alt+2** or **Alt+3**.

Each one of these commands interrupts the item on-air whatever it is and sets the On-air broadcast in MANUAL mode. To restart the playout press PLAY and reset the On-air broadcast in AUTOMATIC if necessary.

In order not to suddenly interrupt the playout, an audio can be associated to each emergency command; the audios can be selected from the categories available. For details on how to set them see the *KEYBOARD* section of the Audio Manager manual.

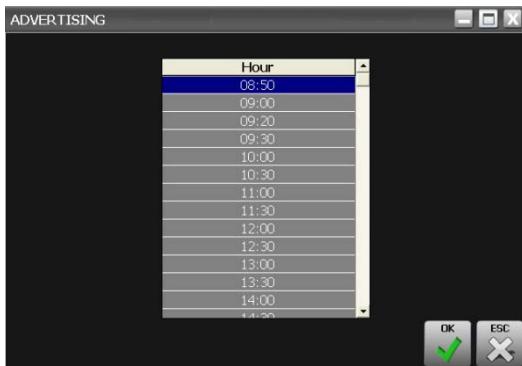
42.11 FUNCTION KEYS

On the right of the OnAir window there is a panel with a series of keys arranged on three different pages, each of which activates a function or launches a program which is displayed in a window on the second screen.



Some of the keys are disabled by default. To enable them it is necessary to set the relevant parameters in the Setup section of the On-air being used (See also the *Setup OnAir Manager* manual).

42.12 ADS



42.13 HOT KEYS

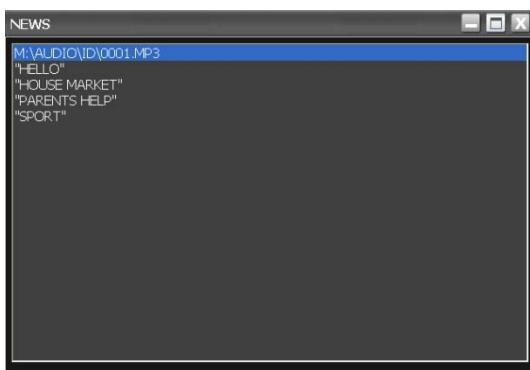


The Hot Keys allow you to play audios, on a channel preset in "Setup Onair Manager", in addition to what is played on the main channel.

Click on a key to play the corresponding audio.

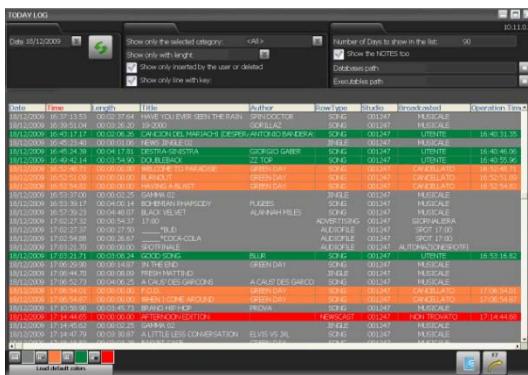
It is possible to set up to 100 different lists of Hot Keys from Audio Manager (see relevant manual).

42.14 NEWS



This function shows the list of news that make up the newscast currently on-air.

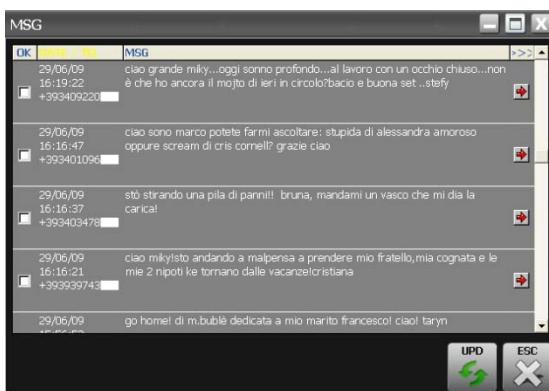
42.15 TODAY LOG AND HISTORY LOG



This program allows you to display what has been played on the current day or on a past day by selecting the date from the dropdown menu on the top left.

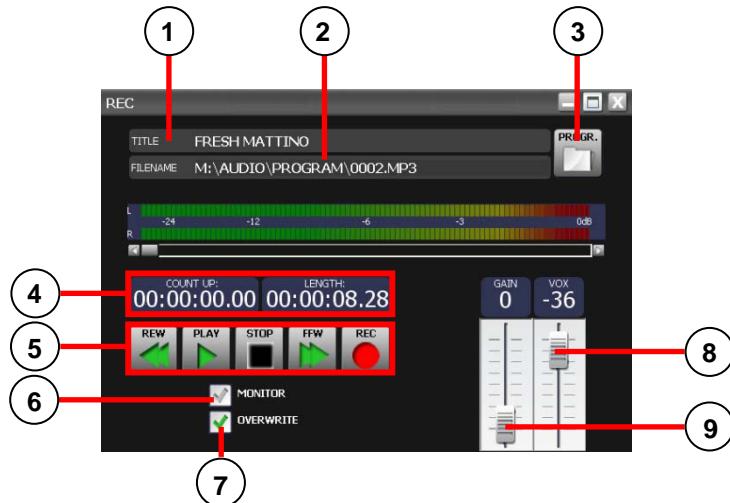
See the VIEWLOG manual for further information.

42.16 MSG



The Dj-SMS software allows you to manage the SMS messages sent to a card inserted in a GSM modem. The modem is connected to a PC on which the software that writes the messages received in a text type file is installed. OnAir can be set to read the file (see "Setup OnAir Manager" manual) and by clicking MSG, the messages received during the day can be displayed in a special window.

42.17 REC



1	TITLE: it displays the title of the audio being recorded.
2	FILENAME: it shows the path and name of the file in which the audio will be recorded.
3	Key to select the audio for the recording. Click with the right button of the mouse to scroll the various audio categories available (the list is set in the setup section of OnAir).
4	Count Up and length of the recorded audio.
5	PLAY, STOP, REC, REWIND and FAST FORWARD keys.
6	MONITOR: when active it shows the audio levels on the MONITOR input set in the setup section of OnAir.
7	OVERWRITE: when active it overwrites the existing file otherwise it adds the new recording at the end.
8	VOX: to set the minimum audio level that must be present for the recording to take place.
9	GAIN: to increase the Gain in the audio recording phase.

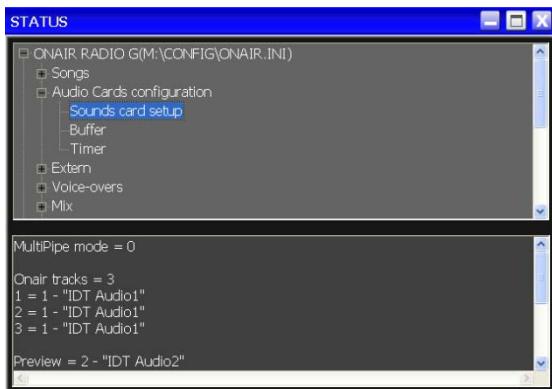
42.18 EXT



This window shows the Input and Output signals that the On-air broadcast exchanges via various communication protocols.

The EXTERNAL COMMAND key enables/disables the capacity of the On-air broadcast to interpret certain impulses from external sources.

42.19 STATUS



This window shows the parameters set for the On-air broadcast in use.

42.20 UPDATE

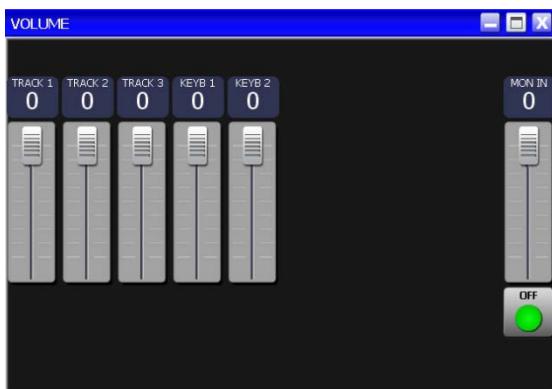
The **[UPDATE]** key must only be pressed if after the use of Setup Onair you are required to press it or only if any changes made to the song kind parameter must be made immediately available.

During the update, the **UPDATE** key becomes blue while if the advertising is ready (YELLOW advertising panel) or on-air the key is disabled.

WARNING: The **[UPDATE]** key does not update newscasts created with News Manager.

WARNING: If the audio or composition of the advertisement bar **already booked** is changed, it is not sufficient to click **[UPDATE]**; after clicking it, you must double click on the panel that indicates the time of the next advertising cluster to display the new composition and play it correctly.

42.21 VOLUME



From this window it is possible to change the output levels of the channels of the on-air broadcast, of the two Hot Keys keyboards and of the Monitor channel.

It is also possible to enable/disable the Monitor using the ON/OFF key on the window.

42.22 SCHED



This window shows the Daily scheduling (default setting) and Events and Sequences (to be enabled from the Setup section of OnAir).

It is possible to select a schedule and load it directly at the top of the playlist by clicking OK.

42.23 MON

The MON key enables/disables the On-air broadcast of the input audio on the audio card. The writing **MON** or **MON+** may appear: in the first case, the Monitor is enabled by pressing CTRL+SHIFT+right button of the mouse and is disabled by pressing SHIFT+ALT+left button of the mouse; in the second case, it is enabled by clicking the left button of the mouse and is disabled by clicking the right button of the mouse.

42.24 WINDOWS BAR

This key displays the Windows bare in the foreground.

42.25 V.T.

This is active only if set from the Setup section of OnAir; this key opens a window for the recording of Voice Track events (see chapter 4 – *Voice Track*).

WARNING: by clicking **[V.T.]**, the On-air broadcast stops. When the Voice Track mode is active, the On-air broadcast does not automatically load the Digiware playlist.

We recommend setting an On-air broadcast only to record the Voice Tracks.

42.26 TRACKS



It displays information on the output audio streams managed by On-air for playout.

42.27 TOOLTIP

Enables/disables the description popups of the single elements of the OnAir window

42.28 DELETE ALL!

It deletes all the elements in the playlist. Click OK twice to confirm the deletion of data.

43 VOICE TRACK

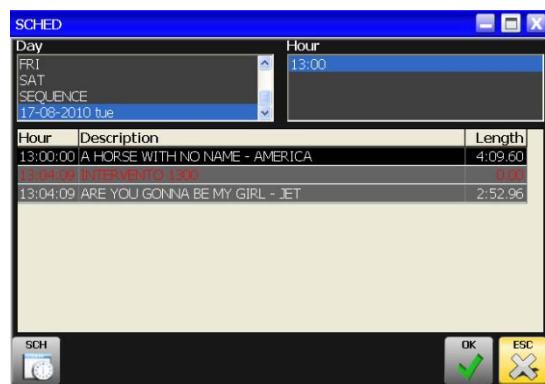
Voice tracks are a particular audio category which overlaps two songs (or just one); the start and end point of the overlap are selected by the user during recording. These audios must be included in the **Voice** category of Audio Manager (see the *Audio Manager* manual).

43.1 RECORDING

To enable the recording of Voice Tracks, the *Voice Track recording* parameter must be enabled in the *Voice-overs* section of the Setup OnAir.

To record Voice Tracks, we recommend the use of a different setup OnAir from the one of the main On-air broadcast.

Once the parameter has been enabled, the **[V.T.]** key on *Page2* of the OnAir function keys is enabled; click this key to select the schedule and the day and time in which the voice track events are scheduled.



The events shown in the schedule are of a different colour compared to the other lines: if they are BLUE, they have already been recorded, if they are RED, they have NOT yet been recorded.

By clicking [OK] the following OnAir window will appear:



The Voice Track recording procedure is described below.



Select the voice track to be recorded (to select the voice track after the current one click [NEXT]), then click [RECORD].



At this point, the Recorder window will appear and the recording keys will be enabled. Click [START 1] (or press ENTER on the keyboard) to start the first song (if the song is more than 100 seconds, long only the last 30 seconds will be heard). The recording starts as soon as the speaker starts to speak, i.e. as soon as the input source is higher than the VOX threshold; the threshold can be changed from the Recorder window. Click [STOP] to exit the recording phase.



Once you click [START 1], the keys [START 2] and [INTRO 0] will be enabled. Click [START 2] (or press ENTER on the keyboard) to start the second song. The recording will stop as soon as you click [STOP]. If the song after the event has INTRO=0, you can click [INTRO 0] instead of [START 2] and [STOP]; the [INTRO 0] key represents the clicking of the two previous keys at the same time.

After the recording, the line will become BLUE indicating that the voice track has been recorded.



Click PLAY to listen to the real playout of the voice track.

During the recording of a voice track, the START and STOP values of the schedule are modified. In particular, the STOP of the first song is allocated, the START of the event (this value indicates how many seconds before the end of the first song the event has to start), the STOP of the event (if this value is not equal to 0, the second song starts only when the event has been played up to the STOP otherwise it starts when the first song reaches the STOP value).

A VOICE TRACK overlapping one single song can be recorded in the following way:

- select the voice track to be recorded;
- click [RECORD];
- Click [START 1] (or press ENTER on the keyboard) to start the song (if the song is more than 100 seconds long, only the last 30 seconds will be heard);
- the recording will start as soon as the speaker starts to speak; to end the recording click [STOP] (or press BACKSPACE or 0 (zero) on the keyboard).

To hear (and therefore record) more or less than 30 seconds, you must assign a value from 0 to 100 seconds to the *Max hearable seconds* parameter in the *Voice Track* section of Setup OnAir. If no value is entered, the default value is 30 seconds.



The [RESET] key deletes the audio file of the current voice track and resets the start and stop times; in this way, it can be reset and re-recorded correctly. Before the actual deletion of the audio a confirmation message can be added by enabling the *Ask for confirmation before deleting a Voice Track* parameter in the *Voice Track* section of Setup OnAir.



The [RESET ALL] key deletes the audio files and resets the start and stop times of all voice tracks in the list; in this way they can be reset and re-recorded correctly. This key is active only if the *Show the button for resetting all Voice Tracks* parameter is enabled in the *Voice Track* section of Setup OnAir.

If the *Avoid the recording of audio files already existing* parameter is enabled (in the *Voice Track* section of Setup OnAir) it will not be possible to record over existing audios.



After having recorded a Voice Track, click [GRAPH] to make any changes; the key opens the DJMTRACK program (see relevant paragraph).

To end all recording operations click the X in the top right corner of the voice track window.

NOTES: if the VOICE TRACK schedule includes items with ADVERTISEMENTS, their length is always recalculates on the basis of:
 daily playlist of the specific date if it is a Daily Schedule;
 today's playlist if it is a Sequence Schedule;
 the EVENTLENGTH parameter in the case of an Event Schedule.

If the VOICE TRACK to be played with OnAir contains audio but START and STOP equal 0, i.e. it is not recorded correctly, it is played starting from the STOP of the previous even overlapping the next event.

44 INTRODUCTION

The 'RECODER' program allows the user to record and edit songs, jingles, bases, signature tunes, programs and advertisements from any audio device to hard disk.

To activate RECORDER click [F12] from the various programs; the following window will appear on the screen:



On the top left data concerning the audio being edited is shown. The times are displayed on the right: remaining (*count down*, light blue), current (*count up*, yellow), length of audio (*length*, white). Underneath there are the start, intro, outro and stop parameters. In the bottom part of the screen there are the command keys and some additional functions explained in detail below.

45 DISPLAY

INFO: On the top left, the description lines of the audio in use are displayed (e.g. song author and title) as well as data on the audio files.

Title	CHARMLESS MAN
Author	BLUR
File	M:\RADIOENT\AUDIO\MUSIC\0000150.MP3
Details	5088351 Byte, 14/01/08 14:06:48
Format	MPEG Layer III, 44100 Hz, 192 KBits/s, Stereo, P
Pad.	

COUNT DOWN: (light blue) time missing to the end of the song expressed in hours, minutes, seconds and hundredths of a second.

COUNT UP: (yellow) the position of the song, i.e. the current time at which the song played/recorded is positioned. This position is also indicated by a white marker that moves in the audio graph. The value is expressed in hours, minutes, seconds and hundredths of a second.

LENGTH: Length of the current recording; the length is expressed in hours, minutes, seconds and hundredths of a second.

START: The start point of the audio in the on air phase expressed in hours, minutes, seconds and hundredths of a second.

INTRO: The point within which the DJ can talk live without his voice speaking over the song's words.

OUTTRO: The point after which the DJ can talk live without his voice speaking over the song's words.

STOP: The end of the audio in the on air phase. The time is expressed in hours, minutes, seconds and hundredths of a second.

Note: the START, INTRO, OUTTRO and STOP values can be edited by selecting them with the mouse and typing the corresponding values or by positioning the mouse on the required point of the graph and clicking to the right of the item required to memorise the value.



ZOOM: To enlarge/reduce/reset the display of a part of a graph for more precise editing of audio and settings of the various *markers* (START, STOP,...).

46 COMMANDS AND FUNCTIONS

By double clicking on the **START**, **INTRO**, **OUTTRO** and **STOP** values, the graph marker of the COUNT UP will move to the relevant position.



PLAY: to start playing.

STOP: to stop playing and recording.

FAST BACKWARD: to position the COUNT UP backwards. To increase the movement speed click the key again.

FAST FORWARD: To move the COUNT UP forward. To increase the movement speed click the key again.

SLOW BACKWARD: to position the COUNT UP backward by three hundredths of a second.

SLOW FORWARD: to position the COUNT UP forward by three hundredths of a second.

Note: The minimum default movement is three hundredths of a second. To edit the minimum movement, the same parameter in Setup must be edited.



START: To position the COUNT UP at the start of the audio track.

END: To position the COUNT UP at the end of the audio track.

RECORD: to start recording.

Warning: Check the setting of the **OVERWRITE** parameter before recording.

GRAPH: to launch an external audio editing software such as CoolEdit or Adobe Audition (to learn how to set the program read the Setup section of this manual).

LOCK: this key indicates the current state of the audio file to be recorded; if OFF it can be edited. If ON it can only be listened to but cannot be recorded or edited (cuts cannot be made). Click LOCK to switch the OFF and ON state.

EXPORT: to save and export part of the audio file being edited in a new file.

IMPORT: to insert an external audio file in the COUNT UP point.

CUT



START: to cut the file from the start to the COUNT UP point.

END: to cut the file from the COUNT UP point to the end.

MIDDLE: to cut the file from the COUNT UP point to the MARKER.

UNDO: to cancel the **last** cut made on the file.

NB: Only the last operation can be cancelled.

PRELISTEN

START CUT: to reproduce the audio from the COUNT UP for one second.

END CUT: to reproduce the audio from one second before the COUNT UP up to the Count Up.

MIDDLE CUT: to reproduce the audio of the part selected on the graph.

LOOP: to continuously listen to the selected part of the audio.

TIMES

These keys are positioned next to the relevant time:



F6: to reset the COUNT UP value to START.

F7: to reset the COUNT UP value to INTRO.

OUT: to reset the COUNT UP value to OUTTRO.

F8: to reset the COUNT UP value to STOP.

PLAY: to prelisten to a corresponding point.

UTILITIES

SETUP: to display the RECORDER setup.

HELP: to display the help file that lists the commands that are available from the keyboard.

WINDOWS: to display the Windows bar.

47 RECORDING SETTINGS

MAIN

MONITOR: when active it reproduces the audio input signal; it is useful to set the levels before recording. Usually it is not active but it can be activated by clicking MONITOR ON.

When MONITOR OFF is active, the vumeters (level indicators) are off and the audio input cannot be heard. When MONITOR ON is active, the vumeters are on and the audio input can be heard.

The input monitor is in any case suspended during listening of an audio file.

OVERWRITE: if ON is selected, each recording overwrites (replaces) the previous one. If OFF is selected, the recording starts in the current position point of the COUNT UP indicator.



GAIN: gain in dB to increase the volume (level) of the monitor and recording. To check the current GAIN select another one moving the vertical slider.

VOX: if it is not OFF it indicates the minimum volume (level) threshold expressed in dB beyond which the recording can start. To check the current VOX select another one moving the vertical slider.

CUE POINTS

	Position	Description	Type
INS CUE POINT	00:00:08.05	Loop Intro In	Presets
DEL CUE POINT	00:00:21.17	Loop Intro Out	Presets
SET CUE POINT	00:00:55.18	Refrain In	Presets
PLAY CUE POINT	00:01:28.30	Refrain Out	Presets

Cue Points are markers that allow you to identify particular points within the audio track in addition to the START, STOP, INTRO and OUTTRO points; they can then be used to play on air the refrain or intro in loop of a song (see On Air manual).



INS CUE POINT: to insert a new Cue Point from a list of preset (*Presets*) or general (*Customized*) items. To add a new Cue Point position the COUNT UP in the required point of the graph and select one of the items from the menus: a new element will be added to the list.

DEL CUE POINT: to delete the selected Cue Point from the list.

SET CUE POINT: to change the Cue Point selected resetting the current position of the COUNT UP.

PLAY CUE POINT: to prelisten the selected Cue Point.

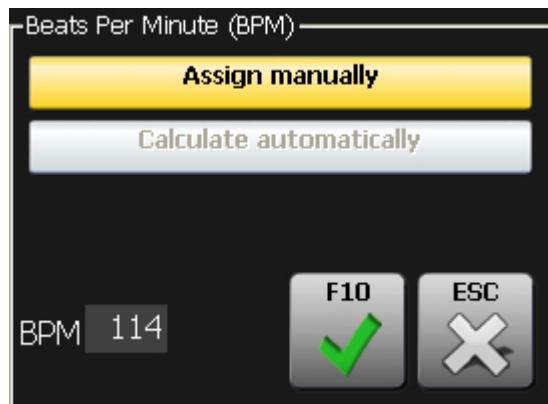
RECORDING SETTINGS

In addition, by double clicking on one of the elements in the list, the COUNT UP positions itself in the point indicated by the relevant Cue Point.

BPM



Click [BPM] to open a panel to count the **Beats per Minute** of the audio concerned:

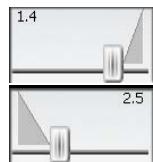


Click [**Assign manually**] to start playing the audio from the COUNT UP point then press SPACE (on the keyboard) in time with the music to start the BPM count and write the beats; when the status bar



is at its maximum, the beats are counted and written in the *BPM* box. It is then possible to repeat the operation and manually edit the value; click [**F10**] to save the result or [**ESC**] to exit the window.

MIX



MIXIN and **MIXOUT**: they are positioned next to the START and STOP commands; they set the *MIXIN* and *MIXOUT* values to be used for the song being edited (both parameters can have values that range from 0.0 to 20.0 seconds).

It is possible to set the audio for a mix test using the bottom section of Recorder:

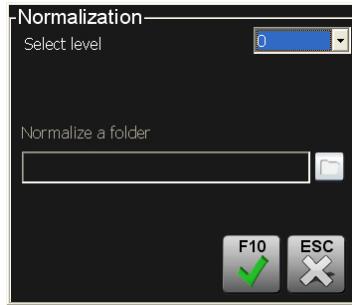


In this example, a mix test of the song being edited and the song "BASKET CASE" will be heard as regards the start of the song; as regards the prelistening of the stop of the song, a mix will be made with the "LA GRANGE" song.

EFFECTS



NORMALIZATION: click this key to request the normalization of the song currently being recorded. The following window will appear on the screen:



Select the normalization level from 0 Db to –20 Db and click [F10].

The COUNT DOWN counter runs during normalization. At the end of the operation, the previous window will disappear and the “normalized” song can be immediately listened.

Note: *Audio normalization* is a process that increases or reduces the amplitude of an audio signal. The process usually maximises the level of an audio signal without any distortion.



CHANGE LEVEL: click this key to request the change of the volume of the song currently being recorded. The following window will appear on the screen:



Select the gain for the change, from +24 Db to –24 Db and click [F10]. Positive values increase the level while negative values decrease the level. The COUNT DOWN counter runs during the change level operation. At the end of the operation, the previous window will disappear and the “changed” song can be immediately listened.

Note: “Change level” means adding to/subtracting the gain set from all wave levels.

WARNING: the change level operation is not reversible. If for example you reduce the level by 12 Db and then increase it by 12 Db, you will not obtain the original file but a file with a worse signal/noise ratio.

The change of level “in steps” in one single direction does not have negative effects; for example if you lower it by 9 Db and then 3 Db.

If you wish to change the level guaranteeing the possibility of returning to a level as close as possible to the original it is therefore necessary to make a safety copy of the original file from which to start again with a new processing if necessary.

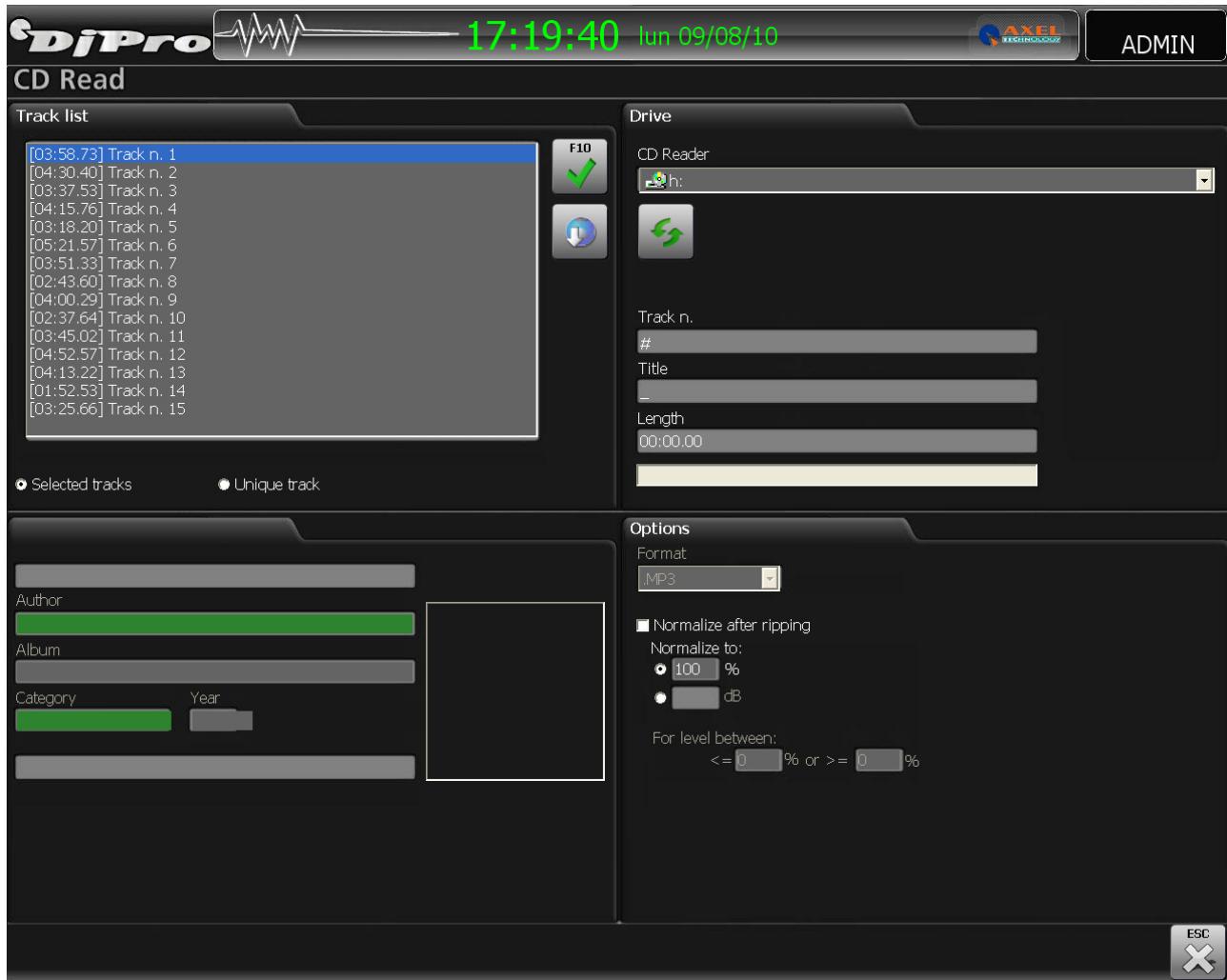
48 READING FROM CD



Click [Read CD] to record the song reading it directly from a track of an audio CD.

WARNING: this operation entails the overwriting of the current audio.

Before clicking [Read CD] insert the CD to be recorded in the CD player.
The following window will appear on the screen:



TRACK LIST

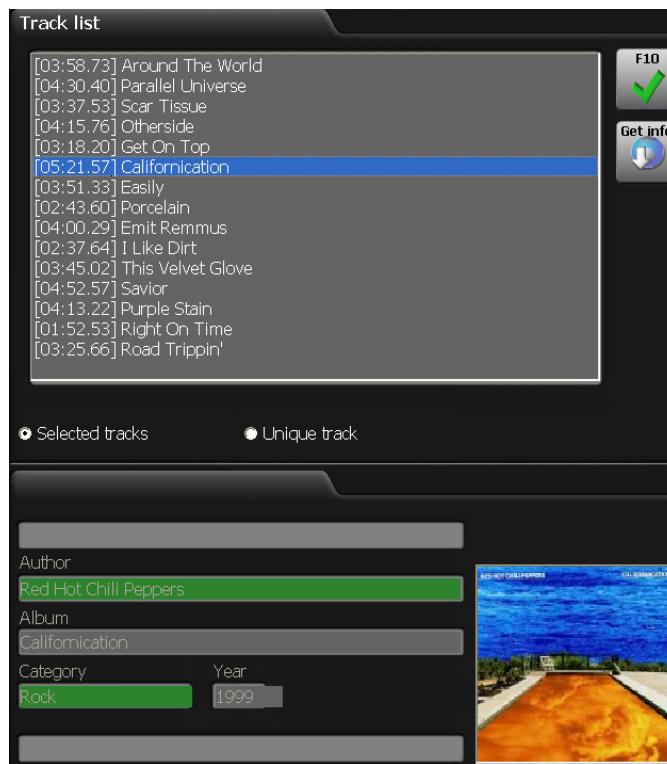
This section contains the list of the audio tracks of the CD which can be imported.

Selected tracks: by enabling this option the track selected from the list will be imported.
Unique track: this option allows you to select all tracks and import them in one single file.



To start import of selected tracks.

If you are connected to the Internet this key provides information on the CD tracks from a free online database. The fields below the list are filled in automatically where possible (see figure below).



SONG MAIN DATA

Certain fields in this section can be automatically imported by clicking [**Get Info**] (see above) if an Internet connection is available and if information concerning the CD is available in the online database.

Author: song author/performer

Album: CD Album

Category: type of song

Year: year of publication of the album

Title: song title

DRIVE

CD Reader: to set the CD reader drive from those available.

Track n.: displays the track number being imported.

Title: displays the track title being imported.

Length: displays the length of the track being imported.

Below these parameters there is a status bar that shows the progress of the track import.

OPTIONS

Normalize after ripping: it normalizes the audio. The normalization value can be set in percentage or dB.

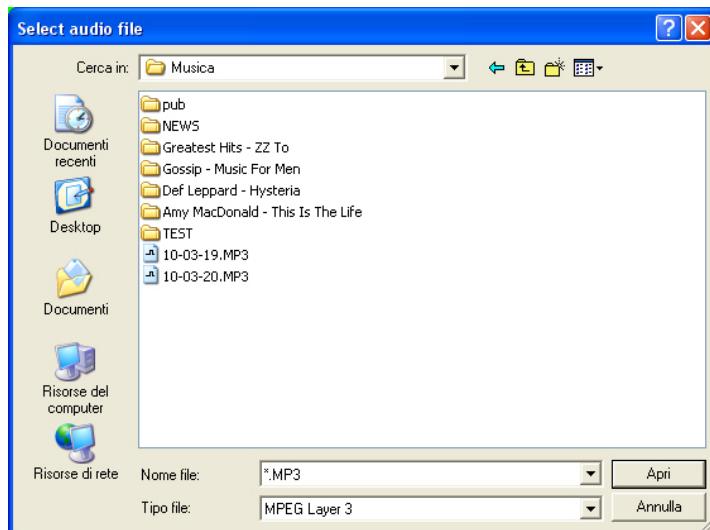
49 CONVERSION



Click this key to record the song converting a PCM WAVE 16 bit (.WAV) or MPEG Layer 1,2,3 (.MPG, .MP2, .MP3) file.

WARNING: this operation entails the overwriting of the current audio.

The following window will appear on the screen for the selection of the file to be converted:



Select from the **File type:** list the format of the file to be converted and the file path and then after having selected the file to be converted, i.e. when its name is in the **File name:** box click **[Open]**.

A status bar will appear on the screen showing the progress of the conversion of the file into the format of your radio.

The result of the recording can be listened at the end of the conversion.

50 UTILITIES

NON STANDARD FILE WARNING



If you use Mpeg Layer III (.MP3) files, it is possible to activate the format check (*Settings1* in the program Setup), to check that the audio file opened with RECORDER has the frequency, bitrate and mode of the standard set. If this is not the case, a warning key will appear in the recording data area. Click it to convert the audio in order to obtain the standard characteristics required. It is useful if you choose to have the same format for all audio files.

COMPACT MODE



Click on the icon on the top right to change the Recorder window to the compact mode as shown below:



To return to the extended mode click on the *enlarge* icon on the right of the title bar.

51 EXITING THE PROGRAM

To exit the program click [ESC] on the bottom right of the screen or in compact mode (see above) click on the X on the top right of the title bar. The card of the audio being edited will be displayed.

WARNING: Changes made to the audio are saved in the corresponding card therefore they must be confirmed once you exit Recorder by clicking [F10].

52 INTRODUCTION

ON-AIR' requires a series of parameters to personalise its operation.

NB: The parameters can be changed by the user; however, maximum care must be taken during the operation.

52.1 STARTING THE PROGRAM

The following window will appear on the screen when 'SETUP ON-AIR' is opened:



At this point select which OnAir configuration to open or copy.

To open the setup window select an item from the list and click [**Open Setup**] or double click the item selected (the default configuration on first access is *ONAIR*).

Click [**Open GestINI**] to open the previous version of Setup ON-AIR; use this key to add new parameters not present in the current version.

Click [**Open Notepad**] to open the configuration file with Notepad.

NB: this type of configuration must only be used by expert users.

Click [**Copy Setup**] to create a new configuration starting from an existing one. For example to create the configuration file of a secondary on-air broadcast starting from the one of the main on-air broadcast.

53 ON-AIR SETUP

The Setup is divided in different “sections”; each one contains the parameters for specific ON-AIR functions. The sections in which the program is divided are displayed on the left of the screen and shown below:



Each section is in turn made up of one or more subsections.

The following information is displayed on the bottom part of the screen:

- configuration name (e.g. “ONAIR”)
- configuration file name (e.g. M:\RADIOENT\CONFIG\ONAIR.INI)
- date and time on which the configuration was opened



REFRESH: updates data.

NOTE PAD: opens the .ini file related to the setup and displays it in Windows Notepad.

GESTINI: opens the setup in the old mode.

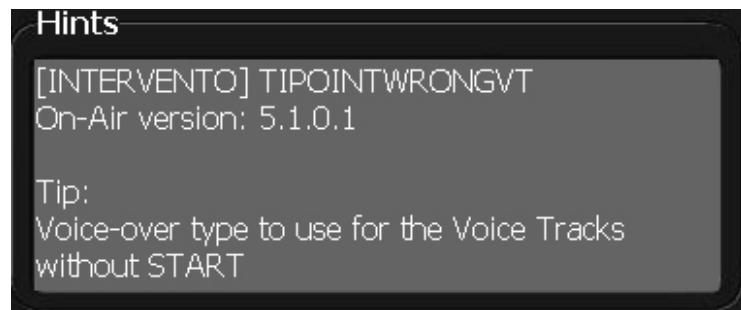
The **[F10]** key closes the setup, saving any changes made by the user without asking for confirmation.

The **[ESC]** key closes the setup asking the user for confirmation whether to save or not the changes made.

NB: When the user exits, if changes have been made, the program informs the user of the operation to carry out to make them effective in ‘ON-AIR’: changes to certain parameters are in fact immediately available while for others the [UPD] key on the ‘ON-AIR’ box must be clicked; to make certain changes effective it is necessary to close and re-start ‘ON-AIR’ (without re-starting the PC).

Hints

When the mouse is positioned on any parameter, the **HINTS** box displays information concerning the parameter:



The box above contains the following information:

- SECTION and NAME of parameter.

- Direct version: the 'ON-AIR' version from which the parameter used has been taken: if you wish to use a parameter entered in an 'ON-AIR' version higher than the one currently installed on your DJ-PRO system please contact the technical assistance service.

- Tip: more detailed description of the parameter and its functions.

53.1 AUDIO CARDS CONFIGURATION

AUDIO CARDS CONFIGURATION

OUT Section

MultiPipe Mode

When enabled it allows the on air use of different audio flows at the same time: the number of flows is defined by the number of **Onair Tracks**.

Onair tracks: number of tracks used by ONAIR to broadcast.

A number of lines equal to the number of Onair Tracks specified will be created, in which the output used must be set. By selecting a number of Pipes, the description of the corresponding output identified during the setup of the audio cards in DjPro will be automatically entered.

Preview: to set the output for the preview of tracks in 'ON-AIR'.

Keyboard 1 and 2: to set the output for the hotkeys (keyboards).

Monitor OUT: to set the output for the monitor signal.

Rec Out: to set the output for the play of the OnAir recorder.

VT: to set the output to be used during the recording of the Voice Tracks.

IN Section

Monitor In: to set the input for the monitor.

Rec In: to set the input for recording during on-air broadcast.

BUFFER



In this section it is possible to change the values of the buffers of the “AUDIOLOGIC” audio cards used by ‘ON-AIR’; the values are used only if Buff-X is different from 32.

TIMER

These parameters set the refresh time of the information contained in the ‘ON-AIR’ window.

53.2 EXTERN

EXTERN

Multi I/O Mode: signal use mode that ‘ON-AIR’ reads from external devices such as satellite receivers.

(only with Multi I/O Mode = 4)

Gain: recording gain.

VOX: input level limit below which the recording is interrupted.

Append: defines whether to overwrite the existing file or append recording.

Min Keys Control and Max Keys Control: these parameters enable the recognition of input signals only between the two times indicated.

Keys Control Time: after having received the signal, this allows you to disable reception for the time indicated to avoid processing the same signal several times.

Enable Advertising: when enabled it broadcasts adverts straight after having received the STOP EXTERNAL signal, (used only from certain Multi I/O Mode values :12, 312, 412, 512, 16).

DLL Windows 98 ISA: when enabled, it is possible to use the old DJPRO32.DLL as ISA interface.

Accepts the START signals during Advertising: when active, it is possible to accept START signals from the satellite also during advertising.

Do not display the input data in the EXT in ON-AIR: when active, it does not display the input data in the EXT panel of the ‘ON-AIR’ window.

EXTCMD Fade out slope: this parameter indicates the code (from 0 to 9) of the fade out slope of the item on-air when it is stopped because replaced by the signal of the external source or because the STOP button has been pressed.

EXTCMD Fade out time: this parameter indicates the length in seconds of the fade out time of the item on-air when External Commands are used.

Port to set at startup: this indicates which Multi I/O port must be activated at the startup of ‘ON-AIR’.

Value to set at startup: this indicates the value to set on the port activated at the startup of ‘ON-AIR’.

Added to the START command: number to be added to the START command to change its behaviour.

Added to the STOP command: number to be added to the STOP command to change its behaviour.

Command at the start: command to be set at the start of ON-AIR to immediately receive external signals.

SILENCE CONTROL

Blank Volume: value in dB below which the volume is considered blank (no audio) by ‘ON-AIR’.

Max Blank Time: maximum time in seconds below the “Blank Volume” level before the input signal is considered blank by ‘ON-AIR’.

Disable the control during advertising: when this parameter is enabled, the blank control is disabled during advertising.

MONITOR

Display Monitor button: this indicates the mode to manage the MON button on the ‘ON-AIR’ window.

(only with *Display monitor button = 1*)

External Threshold Volume: parameter to lower the volume of the input signal when the MONITOR is activated.

Low level: level that indicates the minimum value of the input signal; if the signal is lower than this level ‘ON-AIR’ closes the MONITOR and continues with its playlist.

Fade out slope and Fade in slope: codes of the fade out and fade in slopes of ‘ON-AIR’ when the MONITOR signal is on air.

TCP IP

The parameters of this section are activated by means of the **Enable** parameter; they allow you to enable and correctly configure ‘ON-AIR’ communications using the TCP-IP protocol.

Use TCP/IP protocol for the communication with the SPLIT: when this parameter is active it is possible to use the TCP/IP protocol for communications between ON-AIR and the SPLIT.

External Terminal: when active, it is possible to communicate with the External Terminal application which makes it possible to display on a remote workstation what happens on ON-AIR.

Start External Terminal at the program startup: when active, the communication with the External Terminal is available at the startup of ON-AIR.

RDS SETTINGS (IEM)

In this section it is possible to define the mode with which ON-AIR exchanges the information on the item on-air with other applications:

IEM: external instruments operating mode:

- 0. No instruments
- 1. IEM Encoder
- 2. IEM on file (“IEM File” parameter)
- 3. DJ-RDS
- 4. XML

IEM File: file in which to write information for external instruments (IEM Encoder, RDS, etc.).

Multiple audio management: when this option is enabled and the item on-air is made up of a series of songs, ON-AIR is able to indicate to the instruments which song is on air in that moment. For each combined audio, a file with the same name as the audio file must be created with the addition of the .LST extension (when ON-AIR broadcasts an audio made up of X songs at regular intervals it writes, in the IEM file, the title and author of the song on air; for example if the audio lasts 15 minutes and there are 3 songs, the IEM file is updated every 5 minutes).

XML field: CANFONTI field (song database) containing the code of the song to be written in the XML file.

MICROPHONE

Contact: this parameter indicates the contact of the MULTI I/O to be closed (for example to enable/disable a microphone) at the end of the INTRO of each song; the contact is opened again at the OUTTRO of the song or in any case at the start of every new item.

Contact closure delay: this parameter indicates the delay in seconds of the closure of the contact indicates after the INTRO point.

53.3 MIX

MIX

Mix Range (ms): interval expressed in seconds for the setting of the fade out value of items on the playlist. The default value is 20; decimal can also be set (e.g.: 14.5)

Used MixOut: mixing value to be used:

0. Read from the database for each item
1. Always the same as the “Mix Time” parameter
2. The same as the “Mix Time” parameter only if the value in the database is 0.

Mix Time (s): default mixing value expressed in seconds.

Base Volume: output volume (0=0dB, 10 = -10dB, etc).

Base Out Volume: advertising output volume (0=0dB, 10 = -10dB, etc).

Prelisten time for the mix: mix listening time in the prelisten box.

Seconds heard with PRE END button: seconds to be listened to by clicking the PRE END key on the prelisten window; the default value is 5.

SPECIFIC MIX BETWEEN SONGS

These three parameters enable a specific mix between songs: the song on air that arrives at MIXSPECETIME seconds from the end starts to fade with MIXOUT = MIXSPECOUT; the song that follows will start at the stop point of the previous song with fade in equal to MIXSPECIN.

Mix Spec Time: time in which to perform the MIX.

Mix Spec IN: code of the fade in slope.

Mix Spec OUT: code of the fade out slope.

CUSTOMIZABLE VOLUME LEVELS

Use the customizable volumes with DJMTRACK: this parameter enables/disables the use of customizable volume levels for each item broadcast. The volumes can be changed with the DJMTRACK program (See *OnAir* manual).

53.4 ON AIR

ON AIR

Start mode: ‘ON-AIR’ start mode (Automatic or Manual).

Automatic change: mode in which the playlist and advertising start again after an advertisement bar or newscast:

- 0. Everything remains as it was before
- 1. Both the playlist and the advertising go in automatic mode
- 2. Only the playlist goes in automatic mode

Stop: display of the stop key:

- 0. Key displayed in the standard position
- 1. Invisible key but the pause key on the keyboards works
- 2. Invisible key and the pause key on the keyboards DOES NOT work
- 3. Visible key but the pause key on the keyboards DOES NOT work
- 4. Visible key in the position selected by the user (with TOP and LEFT parameters), the pause key on the keyboards works.

Hide the Update button: when active the [UPD] key is not visible.

Update button works only with CTRL+ALT+right mouse button: when active the [UPD] key works only with CTRL+ALT+right mouse button.

Display the Emergency buttons: parameter available only on the CLASSIC version.

Hide the VUMeters: when active the VUMeters are hidden in the box.

Move the panel of the last transmitted song: parameter available only on the CLASSIC version.

Activate special ON-AIR: parameter available only on the CLASSIC version.

Disable prelisten with right click: when active, it disables the prelistening of an audio with right mouse button click on the list of songs or other Audiobrowser categories.

Disable Always-On-Top at every change: when active, it DOES NOT bring ‘ON-AIR’ on top at every change of item on-air; useful if the ON-AIR workstation is used to work with other applications.

Events without an audio file: this parameter indicates the behaviour ‘ON-AIR’ must have if there is an event without an audio file that had been scheduled. There are three options:

- 0. Delete items not found
- 1. Transform items in note
- 2. Delete items not found and all those linked to them (only with DIGIWARE programming).

Display the YEAR of the songs: this allows you to display on the playlist the YEAR of the songs field on the third line of each item.

Display OUTTRO of the event in playlist: when enabled, the OUTTRO value of all the items in playlist are displayed.

Finish at the Stop point even if On-Air is in MANUAL: when this parameter is enabled, all the audios transmitted finish at the stop point even if ‘ON-AIR’ is in MANUAL (otherwise they are broadcast until the end of the audio file).

Advance of programs end (ms): advance in milliseconds used to fade songs, jingles, etc. for which the stop has not been specified; ON-AIR calculates their stop with (length – advance of programsend).

Stop Newscasts after seconds: time in seconds beyond which newscasts are stopped if the length is different to the one calculated during the preparation (if for example it is not interrupted correctly due to a problem with a piece of news)

Playlist loading mode: daily playlist loading mode. When OnAir is in PROG MAN (manual mode), the program is not updated so the operator can make changes to the playlist without worrying that data sent from DIGIWARE may overwrite them.

In this case, also the playlist of the next day must be loaded manually.

When OnAir is in PROG AUTO (automatic mode) it works normally and updates the program each time data is sent and loads the next day's playlist at 23:50 by default

The values of this parameter are:

0. the keys for the selection are not displayed
1. the keys are displayed and the Automatic Programming mode is active
2. the keys are displayed and the Manual Programming mode is active

Image to display in the main panel: name of the image file to display in the main 'ON-AIR' panel.

PRIORITY

Application Priority: this parameter changes the priority of the 'ON-AIR' application in relation to the other applications being run.

NB: only for systems with Windows 2000.

ADVANCED

Hide EXIT button: hides the exit program key.

Show in window: displays the program in a standard Windows window without sizing the objects and maintaining the original resolution (1280x1024).

WARNING: use this parameter only if your card is suitable for said resolution.

Application title: changes the name of the application so more than one can be active.

Advertising execution delay: it indicates the delay in seconds from midnight with which to run the Advertising program for the automatic creation of advertising schedule (important when more than one on-air broadcast is launched at the same time).

Alternative path and extensions: it is possible to indicate the paths and/or extensions from which to read the audios if they are not in their usual position. For example in net operating mode, if the server with units M and N is not available, the audios they contain can be replaced by those found in local units. The same mechanism can be used to tell ON-AIR that if a file with the usual extension is not found it can use the one with the alternative extension.

Color of the items inserted by the user: color of the items entered by the user. Click right mouse button to reset default color.

Anticipation of the end for the adv. starting jingle: time in milliseconds to anticipate the end of the advert starting jingle.

DEBUG

Debug type: sets a different debug type. Every debug type writes different information on the log and information panel. Options:

1. Underrun check
2. Priority check
3. Startarea and Endarea check
4. "Deletevoice-overs after advertisement" check
5. "Multi I/O Mode = 12" check
6. Write DATAIN for "Multi I/O Mode = 12"

Debug Time: time in which to carry out certain debug checks (for example the "Debug type" equal to 5 or 6).

AUDIOBROWSER



Waiting range for communication: the value of this parameter indicates the interval of the communication between ON-AIR and AudioBrowser; the lower the interval, the more frequent the communication.

INFO

Section for the CLASSIC version.

VOLUMES

Display master: this parameter allows you to decide whether to display or hide the [VOLUME] key which changes the volumes of the ON-AIR outputs.

The possible values of the parameter are:

- Do not display: the [VOLUME] key is not active.
- Display: the [VOLUME] key is displayed in the ‘ON-AIR’ box from which it is possible to access the cursors to change the output volume.
- Display and maintain the same volume: as above, the [VOLUME] key is displayed but the value of the cursor is maintained the same even during the change of items.

COMMAND PAGES

In this section it is possible to manage the pages of the function keys present in the OnAir box which by default are all enabled. To delete a key click the right button on the mouse and select *Delete*. The item related to the deleted key will appear in the *Available commands* box. To enter an item in the list select it and click on one of the empty keys.

The **[Delete all]** command resets all keys while the **[Default configurations]** command resets all keys to the default configurations.

53.5 SCHEDULING

The “Scheduling” section contains everything that concerns the different ways and modes to schedule the DJ-PRO programs.

AUTOMATIC SONG SELECTION

Author repetition time: minimum time between the transmission of two songs of the same author.

Max number of songs in the selection queue: maximum number of songs in the selection queue during the selection of a song by type.

Max number of songs in the first selection queue: number of songs in the selection queue from which a random first selection is made. If none of the songs fulfil the author repetition time parameter, a second random selection is made from the remaining songs in the queue.

Example: maximum number of songs in the selection queue = 30, the selection queue is composed of 30 songs with the longest transmission interval time, maximum number of songs in the selection queue = 5 the song to be played will be initially selected from the first 5 songs in the queue.

Percentage of songs in the selection queue: this parameter works like the “Max number of songs in the selection queue” parameter but refers to the percentage on the total number of songs.

For example if the parameter equals 30 and there are 300 POP songs in the database, the random selection of a POP song will consider a selection queue equal to 30% of the total songs: 90.

Percentage of songs in the first selection queue: this parameter works in the same way as the previous one but refers to the first selection queue.

Shuffle: when enabled, the playlist starts from a random item and not from the first one scheduled.

MUSICAL SCHEDULING

Append Songs: when the playlist is empty, if this parameter is enabled, ON-AIR automatically loads one or two items according to the Musical Scheduling; if this parameter is not active, the playlist must be loaded manually.

Number of songs to append: number of items to be added each time the playlist is empty when the “Append Songs” parameter is active.

EVENTS AND DAILY SCHEDULING

Insert all the Events: if AutoDaily = 1 and this parameter is enabled, daily scheduling is positioned after the current one otherwise it is loaded at the top of the playlist.

AutoEvents: when active “ON-AIR” uses the events scheduling otherwise it does not consider it.

Min Events Control and Max Events Control: in the interval between these two times, events scheduling is not used.

AutoDaily: if not equal to 0, ‘ON-AIR’ uses the daily scheduling otherwise it does not consider it. Modes:

1. any events at the same time are eliminated; if *Insert all the Events* is disabled, the daily schedule is positioned at the top of the item queue otherwise it is positioned after the current one;
2. any events at the same time remain; if *Insert all the Events* is disabled, the daily schedule is positioned after these events otherwise it is positioned at the top of the item queue.

Loading Time: this parameter is used to load the daily schedule not only of the current time but up to the current time + Loading Time.

Min Day Control e Max Day Control: in the interval between these two times, daily scheduling is not used.

Prefix of the scheduling DataBases: with this parameter it is possible to program Secondary on-air broadcasts in a different way; this can be achieved by creating new scheduling databases by copying them from the usual ones (djjprg, djjprgio, djjprgev, djjprgse, prgseque) and allocating new names that all start with the same 3 letters. The 3 letter prefix must be entered in this parameter. For example you can create MARPRG, MARPRGIO, MARPRGEV files instead of the classic DJJPRG, DJJPRGIO, DJJPRGEV files: in this case the value of the parameter is MAR.

Playlist reading from text file: parameter to be set is the playlist is read from a .TXT file (for example when working with RAM-DISK) or .DBF file created using DIGIWARE (only if you intend to load a playlist path different from the default one).

Playlist text file path: path of the folder that contains the .TXT files of the playlists created with RAM-DISK or of the .DBF playlists created with DIGIWARE.

Display the events that will be on-air within: if different from 00:00:00, a panel displaying the next events that will be on air within the time indicated in this parameter will appear on the ON-AIR window.

Top and Left: they indicate the position on the screen of the next events panel.

Elements to be shown when clicking the SCHED button: this option allows you to decide which scheduled element to show when the SCHED key is pressed (or VT key). The options available are:

- 0 – Show only DAILY
- 1 – Show also the SEQUENCES
- 2 – Show also the EVENTS
- 3 – Show the SEQUENCES and the EVENTS.

Always load the sequences ON TOP of the playlist: when enabled the scheduled sequences are loaded on top of the playlist.

Do not insert between linked events: when enabled, it stops a schedule section from being loaded between LINKED events. This should be currently adopted by users that use an advertisement playlist in SDF format or that have SPLITOUT values equal to 200, 201, 300 or 301. (for example between the adverts scheduled with SPLITOUT=200 or 201 or 300 or 301).

DELETION OF LATE LINES

Type of deletion: this enables the deletion of schedule lines that would go on air after their time period.

The options available are:

- 0 - None
- 1 – Only deletable

NB: this only works if a .TXT playlist created using RAM-DISK is used; the lines are deleted on the hour and at the times specified in the *CheckHour* parameters.

2 – Only when new hour begins (the lines are deleted on the hour).

3 – Only according to AUX (it only works if a particular version of RAM-DISK is used).

The lines related to Advertising, External Command and Commands are never deleted (even if late). Voice-overs are deleted only if *Delete Voice-overs* is active and newscasts are deleted only if *Delete Newscasts* is active.

Only per Type of deletion = 1

CheckHour xx: these five parameters allow you to delete the late lines at the minutes specified.

Delete Voice-overs: when enabled it is possible to delete voice-overs.

Delete Newscasts: when enabled it is possible to delete Newscasts.

SONGS RE-READING

Songs archive re-reading: this parameter sets when the songs archive must be re-read. The options available are:

- 0 – At each musical scheduling change (recommended when the songs archive is under construction).
- 1 – Never (recommended when the songs archive has not been changed or in any case when after any changes ON-AIR is re-launched or the [UPD] key is clicked in the case, for example, for machines rarely updated in remote);
- 2 – At preset times (recommended for standard use setting re-reading times that possibly coincide with the change of musical scheduling, but do not coincide with other important operations such as loading of daily schedule, backup, etc.).

Re-reading times: when the previous parameter equals 2, one or more times can be set for the re-reading of the songs archive.

DELETION OF MUSICAL SCHEDULING LINES

Delete at Change: when active, it deletes the items in the queue when the musical scheduling changes, otherwise the new scheduling is positioned after the current one.

Delete Events: when active and *Delete at Change* is active, each time the musical scheduling changes, the playlist is completely deleted and recreated (also the events or daily scheduling previously loaded are deleted).

MASKED AUDIO

Disable Songs: when active the “masked” songs are not used during musical selections per type.

Disable Jingle: when active the “masked” audios are not used during musical selections per type.

REALTIME MODE

Enable REALTIME mode: when active, it enables the use of the ‘DIGIWARE’ program.

Path to DIGIWARE playlist: this indicates the path in which ‘ON-AIR’ will read the programs created with ‘DIGIWARE’.

Number of events to update after: the number of items (songs, jingles, adverts, etc.) after which the playlist is updated if it is re-sent in the current day.

Maximum waiting time for the INV files: to avoid continuous and useless updated of the playlist in the case of recordings of Voice Tracks of today's playlist, ON-AIR updates the DIGIWARE program only if the time indicated in this parameter has passed since the last recording, or when the *Voice Track On-Air Broadcast* is closed (see *OnAir* manual).

Disable the loading of the playlist: this operation disables the automatic loading of the playlist when ON-AIR is started.

Seconds of tolerance for the addition of songs: ON-AIR adds the items selected with the Musical Scheduling to the playlist to fill any scheduling gaps before the items with fixed time (i.e. items with a maximum on air time). When this parameter is different from 0, ON-AIR does not fill the gap if it is shorter than the value set.

Display only the number of playlist shown: this displays only a limited number of playlists when the [SCHEDE] key is clicked on the 'ON-AIR' window; otherwise all the playlists present in the folder in *Path to DIGIWARE playlist* are displayed.

Load the playlist from the ON-AIR start time: when this parameter is active 'ON-AIR' loads the playlist from the start time.

Disable the automatic update of the playlist: when active it stops 'ON-AIR' from automatically updating the 'DIGIWARE' playlist.

Cut the On-Air event if the following event has exceeded the limit time: this indicates if and when the on-air event must be cut if the following event has exceeded the limit time; the options available are:

- 0 – Cut only if deletable.
- 1 – Cut only if deletable and added by the automatic filler function.
- 2 – DO NOT cut even if deletable.

Delete time blocks if deleted by the user: If this parameter is not active, the time block of a deleted item is transferred to the following item.

Delete the deletable audio even when ON-AIR is in MANUAL mode: If this parameter is not active, the DELETABLE events are deleted only if OnAir is in AUTOMATIC mode (or if an external source is on air).

53.6 TRANSMISSION LOG

TRANSMISSION LOG

Type: type or registration of the ‘ON-AIR’ log:

- 0. No log
- 1. Log of .TXT playlist
- 2. Log of the .TXT and .REG (default) playlist and program log
- 3. As 2 + log of .LOG advertising

Log Path: folder in which to save the ‘ON-AIR’ LOGs.

LOG path of REALTIME mode: folder in which to save the ‘ON-AIR’ LOGs to synchronise the playlists and the creation of the logs.

Operation LOG: this enables the creation of a LOG file in which some of the operations performed by the user are written: it is possible to choose a standard LOG, a more detailed LOG or the LOG with the details of the serial.

Path: path in which to save the LOG file of the operations.

53.7 ADVERTISING

MAIN

Advertisement Playlist Path: path of the folder containing the advertisement playlists.

Advertising Cards Number: number of audio channels to be used for advertising. The table below allows you to select which cards and channels to use for the ads.

Advertising type: advertising audio transmission mode (BIMONO, DUAL, PLAY).

Forcing Color: colour of the panel when advertising is over the time established.

Warning Color: colour of the panel when advertising is ready.

Advertising from playlist: when disabled, advertising can be transmitted both in Manual and Automatic mode; when enables advertising is transmitted only according to the loaded playlist.

Advertisement delay control: if the value equals 1, a control stops the automatic start of advertising when the one on the playlist is late and stops the repetition of ads transmitted from the playlist in advance.

Certification: enables or disables the certification of transmitted advertisements.

Certification file: name and path of file in which to save the advertisement certification.

One file per day: The ads scheduled for the day dd/mm/yy are certified in file yyyyymmdd.crt (a different file each day).

With key: each ad is certified with the key code that transmitted it.

No advertisement without advertisement playlist: when active, ads are not transmitted if the day's playlist is missing.

Advertisement after Time Signal: when enabled, it stops the broadcasting of advertisements after the time signal.

Reset Advertising: parameter for the re-reading of the advertisement playlist in the change between AUTOMATIC AD and MANUAL AD.

Disable the insertion of advertising by the ADVERTISING label: with this parameter it is possible disable the insertion of the next advertising section by clicking on [INS ADV] in the 'ON-AIR' window.

First event after advertisement always in automatic: when this parameter is enabled, the first event after an advertisement is transmitted ALWAYS IN AUTOMATIC even if the on-air broadcast is in MANUAL mode.

Day start time: when this parameter is active, the advertisement playlist is not read at midnight but at the time set; in this way, the last advertisement bar of the day is not lost if it is not sent in time.

Command: in this parameter it is possible to enter the command line necessary to start an application that will be launched at the start of each new day (usually the application that creates the advertisement playlist is launched).

Wait: maximum waiting time for the COMMAND to prepare the daily advertisement playlist.

ADVERTISEMENT PLAYLIST UPDATE

Advertisement playlist update: it defines the updating mode of the advertisement playlist; the options available are:

0. Only at start with double click on the time
1. At any time
2. At the end of every advertisement bar
3. At the start of every advertisement bar
4. When the advertisement playlist is sent

ADVERTISEMENT AT EXACT HOUR

Exact Length: this enables the scheduling of songs so that the advertisements are transmitted at the exact hour set (for the correct operation of this function, the *Number of songs to append* parameter in the *Musical Scheduling* section must equal 1).

Fillers: DJ-PRO category from which to select the audio files to use as fillers in order to transmit the advertisements and the exact time scheduled.

Added Seconds: seconds to be added to the time to be filled with songs to be sure to end just after the advertisement time.

Fillers Added Seconds: seconds to be added to the time to be filled with fillers to be sure to end just after the advertisement time.

PARAMETERS FOR PORTUGAL

Clock Advertising: if equal to 1 or 2, advertisements end exactly at the scheduled time (previous item is faded). If the value is 1, the function is enabled only for exact hours (e.g. 10:00, 16:00, etc.), if it equals 2, it is enabled at all hours. If enabled, the *Pre Clock* parameter must also be entered.

Pre Clock: to be used when *Clock Advertising* equals 1 or 2; it must contain the length (in seconds) of the adv. starting jingle (e.g. 10.45 sec).

FADE OF LAST ADVERTISING

Final Levels: level of volume to be reached to fade the last advert of the bar (in the first list set the level for the ads transmitted with the first card, in the second list the volume for other cards).

Final Slopes: the slope to be used when fading the last advert of the bar (in the first list set the slope for the ads transmitted with the first card, in the second list the slope for other cards).

Anticipate Advertising (ms): this parameter indicates the time in milliseconds to start fading the last ad (when ANTICIPASPORT – anticipate advertising - time in milliseconds is missing from the end of the last advert of the bar, fading will start).

N.B. Fading of last advertising works only if the SPLIT OUT parameters in the SPLIT section equals 1.

SDF PARAMETERS

Activate SDF advertising mode: this activates a special management mode of advertising audio files.

53.8 SONGS

SONGS LIST

This section concerns the box of the selected songs; in this section it is possible to manually select the songs to be transmitted.

Display other columns: it displays the other parameters of the ‘ON-AIR’ songs list; the parameters displayed are INTRO and LENGTH (real length of the audio without start and stop).

Display the song codes: when this parameter is enabled, it is possible to display the song identification code in the ‘ON-AIR’ selection list.

Use the dd/mm/yy format for the last transmission: when enabled, it displays the date of the last transmission in dd/mm/yy format instead of dd/mm.

Search string: function to set the behaviour of ON-AIR as regards the song search string. Usually the string is not reset; it is possible to reset it each time there is an addition and to use it or not to reposition yourself in the list.

Hide the UnMasked button: when active, the [UnMasked] key is not displayed in the ‘ON-AIR’ window. This key makes it possible to choose whether or not to display “masked” songs, i.e. the songs where the MASK box is flagged.

Control time for songs repetition: when this parameter is greater than 00:00:00, ‘ON-AIR’ warns whether the song being inserted has already been transmitted within this time or if it is in the playlist before this time. The operator may in any case enter the parameter.

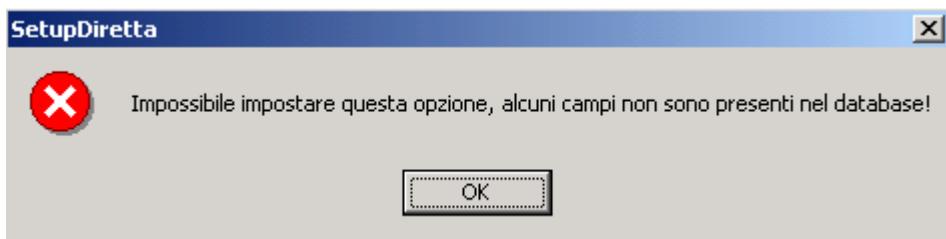
Control time for authors repetition: it has the same function as the previous parameter but concerns songs by the same author.

UPDATE SONGS ARCHIVE

This section concerns the updating of the date and hour of the last transmission of a song; a song transmitted for at least 5 seconds is memorised.

Disable update: when active, it disables the updating of the songs archive, i.e. it does not write in the songs database the last date and hour of transmission of the songs; this parameter is useful in the configuration of on-air broadcasts used only for tests or emergencies.

Update the last passages played following the first: this parameter allows you to memorise the last four passages of each song. If the following message appears when you enable this parameter



it means that certain fields necessary for the correct memorisation of the information are missing from the database. In this case use the Administrator Tools application to add them.

Activate local management of last passages: this parameter enables the saving of data concerning the last passages of songs on a text file on local disk rather than in the database. This mode allows you to work with more than one ON-AIR at a time; each one saves and uses only its own last passages.

Last local passages file: in this parameter you must indicate the .TXT file in which data concerning the last passages of the songs will be saved (default: C:\PROGRAMMI\DJPRO\ULTPASS.TXT)

AUDIO update field: Field present in the AUDIO archives in which to write the date and last passage (only if longer than 30 seconds).

OUTTRO

This section allows the use of the Outtro time which generally indicates the time in which the “sung” part of a song ends.

Countdown time (sec): display time of the song Outtro countdown.

Outtro (sec): value of the default Outtro for all songs for which it has not been set: it is calculated as follows: <STOP Point> - <Value of this parameter>.

53.9 VOICE-OVERS

VOICE-OVERS

Voice-over volume: voice-over volume: 0=0db, 1=-1db, 2=-2db etc.

OUT: if the voice-over is between two songs, it indicates the volume of the first song when the voice-over is being transmitted.

IN song volume: if the voice-over is between two songs, it indicates the volume of the second song when the voice-over is being transmitted.

Voice-over on previous: only if *Voice-over type* equals 1 and *Voice-over on previous* is less than 0 (e.g. -1), then if the voice-over is shorter than the intro, the voice-over does not start with the song but starts so it ends when the song intro ends.

PRE END base: when this value is greater than 0, the base closure is anticipated by *PRE END base* seconds to improve the passage from the voice-over to the next song.

Disk OUT ramp (s): ramp code of mix at the start of the voice-over. Fading that takes the normal volume to “Disk OUT volume” at the start of the voice-over.

Disk IN ramp (s): ramp code of mix at the end of the voice-over. Fading that takes the volume from “Disk IN volume” to the normal volume at the end of the voice-over.

Time of anticipated end of VO: time in milliseconds by which the end of VO mix is anticipated which takes the "Disk IN volume" to the normal volume.

Delete Voice-over after days: number of days after which a voice-over is no longer transmitted; the days are counted from the date of registration of the voice-over.

Min time for inserting the base: length of the voice-over under which the base of the voice-over is not inserted even if necessary.

Card and Channel: number of the card and channel on which to play all the voice-overs.

Delete Voice-over after advertisement: when active, if there is a voice-over after the advertisement's final jingle, it is deleted.

No transmission of advertisement after Voice-over: when active, advertisements are not transmitted after voice-over; they are postponed.

Allow insertion and removal during Voice-over transmission: this parameter DISABLES THE BLOCK of any change in the 'ON-AIR' playlist during the transmission of a voice-over.

Voice-over type from DBF: when active, the type of voice-over is defined during scheduling; otherwise the voice-overs are all of the type defined in *Voice-over type*.

Voice-over type: voice-over type when *Voice-over type from DBF* is not active or if the voice-over is inserted manually in ON-AIR by the operator.

Voice-over type for VT without Start: the parameter indicates the type of voice-over to use for the Voice Tracks which have not been recorded or for which the START value has not been set. The default parameter is "1 – With base or blank".

Voice-over base: It contains the complete path of the base, for example M:\BASI\ULTIMISS.MP3; **the base must be longer than the longest voice-over to be transmitted as it is not transmitted in loop.** If the base is not specified or contains the name of an audio which does not exist, the base specified in *Blank Voice-over base* is used.

Blank Voice-over base: It contains the name of the base to be used if *Voice-over base* does not exist or has not been specified. If *Blank Voice-over base* is not specified, the file c:\programmi\djpro\bin\base.mp3 is used (it must exist in the case of AUDIOLOGIC cards; for other cards an existing file name must be specified).

It uses the tail of the song as a base in case of Intervention Type 1: the tail of the song is the audio portion that goes from the stop point to the actual end. When this parameter is enabled the tail can be used instead of the base.

Voice-over base at specific hours: bases to be used for voice-overs transmitted at specific hours. Ten bases can be indicated for each hour of the day and they are cyclically selected one after the other.

VOICE TRACK

Voice Track recording: when active it enables the recording of VOICE TRACKs on 'ON-AIR'; activation is recommended in the Main On-Air Broadcast configuration.

Ask for confirmation before deleting a Voice Track: when active, the program requests confirmation before deleting a VOICE TRACK file.

Show the button for resetting all Voice Tracks: when active, the RESET ALL key is displayed, otherwise it is hidden.

Avoid the recording of audio files already existing: when this option is active, it stops the recording of Voice Tracks using existing audio files in order not to risk deleting by mistake files of voice-overs already recorded.

MAX hearable seconds: maximum number of hearable seconds and on which to record (when the audio on air lasts more than 100 seconds).

ADDITIONAL AUDIO

Additional Audio: in this section of the ‘Setup ON-AIR’ it is possible to indicate whether you wish to transmit additional audios of songs as if they are voice-overs and how to transmit them. If the parameters are disabled, they must be configured in Song Manager.

53.10 RECORDING**RECORDING**

Sample rate (kHz): frequency at which the files are recorded.

Bitrate (kbps): bitrate with which the files are recorded.

Mode: file recording mode (MONO, STEREO, JOIN STEREO).

Recording path: default recording directory.

Recording File: default recording file name.

Add the recording path to the file: when active the recording path is always added in front of the name of the file to be recorded.

Activate Copy: displays the “copy” key on the recording panel.

Copy path: path of the folder in which to make the copy of the recording.

Ask before cutting: when enabled it asks for confirmation before overwriting an existing file.

Display REC panel at start: when enabled it directly displays the recording panel at start.

Disable the automatic loading of playlist at midnight: when enabled, it stops the playlist of the new day from being loaded at midnight to allow recordings also in the period around midnight.

Gain: gain to be applied to the input signal during recording.

VOX: minimum signal level below which the recording is interrupted.

OverWrite: when active it overwrites the existing file otherwise it records it at the end of the file.

Monitor: activates the monitor of the input signal to the recording card.

Archive to be recorded: sets one or more DJ-PRO archives from which to select the audios to be recorded.

53.11 SMS

SMS

SMS path: folder containing the SMS archive files.

Display all the received SMS in the last xxx days: displays all the SMS received in a certain period of time.

Display an amount of xxx SMS received within a maximum time of yyy days: limits the number of SMS received (xxx) and displays those received within a specific number of days.

Number of lines where to write the message: number of lines available to display one single SMS in the ‘ON-AIR’ window.

Font type: font to be used for the display.

Font size: display font size

Bold font: when active, the SMS are displayed with bold font.

Hide the sender’s telephone number: this parameter stops the display of the SMS sender’s telephone number.

Mask the last three digits of the sender’s telephone number: this parameter masks the last three numbers of the sender’s telephone number.

The following parameters define the colors to display the SMS grille:

Even rows background color - Even rows text color

Odd rows background color - Odd rows text color

Selected row background color - Selected row text color

53.12 SPLIT

SPLIT

Split OUT: activation mode to send the SPLIT command outside; the options available are:

- | | |
|---|----------------------------|
| 0 | No split |
| 1 | Split controlled by on-air |

Don’t block active cards: when enabled it improves the mix between the end of the item on air and the start of the advertisement block.

Primary Card and Primary Channel: these parameters allow you to identify which card and channel must be considered as primary area.

Calculate the maximum length limited by number of areas: this parameter is used to indicate the number of areas to be used to calculate the maximum length of the ads.

Names of the areas: list of names of the areas for the advertisement Split.

NO SPLIT cluster: times of clusters which must not be split (separated by | pipe),

Areas Start Waiting Time: indicates the waiting time in seconds between the launch of the split command and when the first ad is played.

Areas End Waiting Time: indicates the seconds to wait after the end of the cluster before sending the close command to the splits.

Areas Restart Waiting Time: indicates the seconds to wait before restarting the playlist on all areas after the split.

DiffSplit (ms): time in milliseconds to increase the main advertisement bar to compensate any split delays.

News Split Diff: time in milliseconds to increase the length of the news on the main area to compensate delays of split areas.

Split Out Type: sets the split out type to use.

SplitNews: the prefix of the news files to be split for each area must be indicated here.

Number of areas: maximum number of areas present in the advertisement playlist.

Do not command the GPIO: when this command is activated, the Multi I/O card is not used during advertising.

SERIAL PORT

Port number: port to be used for serial communications.

Baud rate: communication speed.

Parity: sets whether or not to use the parity bit.

Data bit: number of data bits for each package.

Stop bit: number of stop bits for each package.

Hide group: this option must be set when the first character of the command must not be sent during communication with the split.

Answer with the XT0019#/ code when an event ends: enables the answer with code “XT0019#/” when the audio on air ends or the audio loaded is deleted because nonexistent (for specific communications with other devices).

Enable RTS (Request To Send) line: this parameter activates the RTS signal for the request for authorisation to transmit data (usually it is sent by a computer to the connected modem).

FILLERS

Fillers Database: DJ-PRO database for the selection of fillers.

Fillers path: path of the folder that contains the audio files to be used as fillers.

Fillers Extension: extension of audio files to be used as fillers.

Available Fillers number: number of filler available for advertising.

Fillers minimum time (ms): indicates in milliseconds the minimum time below which fillers are not inserted. If it equals 0, the on-air broadcast uses 300 (i.e. 3 tenths of a second).

SplitNews Filler: filler to be used when the news of the primary area is shorter than those of the other split areas.

Scheduled Fillers: in this list it is possible to indicate the prefixes to distinguish a series of fillers for one or more daily time bands (from band 0 to band 23).

SYNDICATION

Master: when active, it enables the on-air broadcast in SYNDICATION mode.

Fix Time (sec): to set a fixed length for the advertisements.

FromTime: on-air broadcast start time in SYNDICATION mode.

ToTime: on-air broadcast end time in SYNDICATION mode.

DO NOT set the manual mode at the end of the Advertising: to keep advertising in automatic mode.

53.13 KEYBOARD**KEYBOARD**

Number of keys: number of keys that can be displayed for each keyboard page.

Keyboard 1 Card and Channel: number of the card and channel on which to play the items selected from the FIRST keyboard.

Keyboard 2 Card and Channel: number of the card and channel on which to play the items selected from the SECOND keyboard.

Keyboard Pages Path: folder that contains the files with information on the keyboard pages.

Display Keyboard Length: when enabled, the length of the audio file is also displayed on the corresponding keyboard key.

Keep the Keyboard active even during the advertising: this parameter allows you to continue to use the jingle keyboard even during advertising.

Activate the “LIVE Keyboard”: enables the use of the keyboard in “live” mode.

Reset time: the time at which the “live” keyboard is reset.

Keyboard 1 pressure delay e Keyboard 2 pressure delay: waiting time between the pressure of one key and the next one.

ENTER KEY

Min range between two ENTERs: minimum time between pressing two ENTERs.

SPACE and ENTER not enabled during audio choice: During audio and news selection SPACE and ENTER do not work as usual but work for the search function.

54 INTRODUCTION

'SONG MANAGER' is the Dj-Pro module that organises the archive of all the songs that can be used for playout.

This application allows the user to display, insert, edit and delete the songs stored in the archive.

55 STARTING THE PROGRAM

To start Song Manager, click **[Songs]** from the *DJ-PRO* menu. The main window will appear:



STARTING THE PROGRAM



Displays the LOG of the operations carried out from the menu during the day.



Opens a box to search for elements in one or more archives. The search can be made using various filters according to the text entered.



The Unlock function resets the correct access to archives by all users in the case of a lock on records usually caused by a forced exit from the program during the modification of data (for example due to a power failure and consequent switching off of the PC).



The maintenance operation optimises the archive and recreates indexes; if the delete audio files function has been selected it eliminates the audio files from the records that have been removed from the data entry/edit categories box.

This is a "delicate" operation that must only be performed by users with ADMIN authorisation (see 'ADMINISTRATOR TOOLS' manual). During the execution of the operation the archive cannot be accessed to edit, add or delete records.



To open program setup which can be personalised through a series of parameters.

To close the program.

56 SONGS

The screenshot shows the DJPro Song Manager software interface. At the top, it displays the software logo, the current time (17:09:53), the date (lun 08/03/2010), the Axel Technology logo, and the word "ADMIN". Below this is a toolbar with various icons for database management and file operations. The main area is a table titled "Song Manager" containing a list of 56 songs. The columns in the table are: Title, Author, Category, Start, Intro, Stop, Length, Code, Source, and BPM. Each song entry includes a small checkbox icon at the beginning of the title.

<input type="checkbox"/> Title	Author	Category	Start	Intro	Stop	Length	Code	Source	BPM
MARY HAD A LITTLE BOY	SNAP VS. MILKY AND 2NF	DANCE	0.00	29.66	3:23.29	3:23.44	1058132	01	0
MARY'S PRAYER	DANNY WILSON	POP	0.00	0.00	3:41.05	3:52.38	1055659	01	0
MARZO	GIORGIA	ITA. POP	0.00	3.51	4:11.56	4:50.87	1056600	01	0
MAS QUE NADA	TAMBA TRIO	LATINO	0.00	6.43	2:27.60	2:41.37	1057965	01	0
MAS QUE NADA	SERGIO MENDES FEAT. BLACK EYED	LATINO	0.00	38.82	3:43.01	3:44.08	1059311	01	0
MASCHERINA	LITFIBA	ITA. ROCK	8.10	24.56	3:31.00	4:05.77	1051486	01	0
MASQUENADA	ELETROSAMBA	LATINO	0.00	25.51	3:42.31	3:44.00	1059294	01	0
MASS DESTRUCTION	FAITHLESS	POP DANCE	0.00	5.75	3:30.71	3:32.24	1057968	01	0
MASTER AND SERVANT	DEPECHE MODE	POP DANCE	0.00	0.00	3:34.09	3:47.96	1050537	01	0
MASTERBLASTER 2000	DJ. LUCK & MC NEAT FEAT. JJ	TWO STEP	7.29	15.00	3:39.66	3:39.66	1051237	01	0
MATAME	CUBANITO 20.02	REGGAETONE	0.00	7.88	3:31.91	3:39.21	1058172	01	0
MATERIAL GIRL	MADONNA	POP	0.00	28.72	3:45.91	4:00.66	1051479	01	0
MATHEMATICS	CHERRY GHOST	POP ROCK	0.00	15.25	3:53.90	3:57.19	1060265	01	0
MATOFOTOF	PITCH BLACK AFRO	POP. DANCE	0.00	9.54	3:30.12	3:32.93	1059054	01	0
MAUDIT	LITFIBA	ITA. ROCK	0.00	44.66	3:47.60	4:52.85	1058672	01	0
MAY DAY	MP2	ITA. POP	0.00	24.00	3:17.59	3:20.41	1055034	01	0
MAYBE	EMMA BUNTON	POP	0.00	10.56	3:39.48	3:40.78	1057941	01	0
MAYBE	NERD	ROCK	0.00	0.00	3:25.49	3:30.91	1057953	01	0
MAYBE I DESERVE	TANK	R&B	0.00	0.00	0.00	4:58.82	1054247	01	0
MAYBE SOMEDAY	CURE	ROCK	2.18	44.88	3:48.51	3:58.18	1052940	01	0
MAYBE TOMORROW	STEREOPHONICS	POP	0.00	23.83	3:30.53	4:32.07	1057515	01	0
ME	KINA	POP	0.00	0.00	0.00	4:33.87	1053881	01	0
ME & YOU	FALL OUT BOY	ROCK	0.00	0.00	3:20.65	3:30.77	1060220	01	0
ME AGAINST THE MUSIC	BRITNEY SPEARS/MADONNA	POP	0.00	0.00	3:40.43	3:43.52	1057445	01	0
ME AND YOU	ALEXIA	DANCE 90	0.00	0.00	3:56.92	4:05.16	1050534	01	0
ME CAGO EN EL AMOR	TONINO CAROTONE	POP	0.21	0.00	4:15.27	4:32.67	1051847	01	0
ME DAS TU TELEFONO	NAIK	ITA.DANCE	0.00	10.26	3:16.09	3:17.35	1058001	01	0
ME GUSTAS TU	MANU CHAO	POP	0.00	21.60	3:29.25	3:57.87	1054640	01	0
ME HACES FALTA	JENNIFER LOPEZ	POP	0.00	10.46	3:18.91	3:22.28	1060138	01	0
ME LA CAVERÒ	MAX PEZZALI	ITA. POP	0.00	2.85	3:34.57	3:41.20	1059030	01	0
ME LLAMAN CALLE	MANU CHAO	POP LATINO	0.00	19.20	2:53.37	3:11.19	1060258	01	0
ME LOVE	SEAN KINGSTON	REGGAE	0.00	0.00	3:22.00	3:24.07	1060321	01	0
ME MYSELF AND I	DE LA SOUL	RAP	0.00	10.00	3:00.55	7:25.46	1059250	01	0
ME TIENE LOCO	ANTONY CRUZ	POP LATINO	0.00	11.43	3:42.07	3:42.25	1058771	01	0
ME VOY	JULIETA VENEGAS	POP	0.00	12.67	3:01.00	3:06.64	1059474	01	0
ME, MYSELF AND I	JIVE JONES	POP	0.00	5.00	3:07.62	3:25.48	1055580	01	0



To open a box in which to enter SQL filters to be applied to the database. These commands can be set from the Setup section of Song Manager.

To open the window in which to edit the data of the selected elements; used also for multiple editing.

To create a new window for the insertion of a new element.

To delete selected items.

To play the audio associated to the selected element using Dj-Player.

To create a copy of the element selected and relevant data.

To export the audio of the selected element to a file.

To export the element selected in one or more databases previously defined in the Setup section of Song Manager.

To create a personalised print of the elements present in the database.



To insert a new element importing the audio from an existing MP3 file.

View: using the special menu on the top left it is possible to select various ways of displaying the data present in the table by selecting for each one which fields should be shown. Two basic modes are present (<Default> and <Workstation>), but new ones can be added from the Setup section of Song Manager.

56.1 SONG WINDOW

The screenshot shows the DjPro Song Manager interface. At the top, it displays the time (12:39:09) and date (mar 10/08/10). The title of the song is "CHARMLESS MAN" by BLUR. The source is listed as "01 M:\RADIOENT\AUDIO\". The code is 0000150, and the track number is 1. The file name is 0000150.MP3. Below this, there are tabs for Schedule, User Data, Other Data, Audio, Notes, and Extra data. The Extra data tab is currently selected. It contains sections for Nationality (with English selected), Last time played (Date: 20/04/10, Time: 16:45:12, PC: 000029), BPM (114), Mood (0), Level, Mask, Start Type, and End Type. There are also sections for Disabled Days, Disabled Months, and Disabled Hours, each with a list of checkboxes for specific days, months, and hours respectively. At the bottom, there are several function keys: F12 (Recorder), F10 (Confirm), ShF10 (Previous), ^F10 (Next), F10 (Confirm), ESC (Cancel), and a folder icon.



To start the **Recorder**, to manage the audio associated to the song (see relevant manual).

To confirm the editing or insertion of data in the archive and return to the songs list click **[F10]** (or press F10 on the keyboard).

Like the **[F10]** key it confirms the changes to the archive and displays the data of the sheet corresponding to the previous song without passing by the songs list.

Like the **[F10]** key, it confirms the changes to the archive and displays the data of the sheet corresponding to the next song without passing by the songs list.

To cancel the operations carried out in the insertion or editing phase click **[ESC]**; you exit the song sheet **without saving the changes**.

56.2 DETAILS

Title: song title

Author: song author

Interpreter: song interpreter

Label: record label

Album: title of the album from which the song is taken

Source: path of the folder containing the associated audio file (generated automatically by the software)

Code: univocal code that identifies the song in the database (generated automatically by the software)

Track: number of the audio track of the CD from which the song has been taken

Ins. Date: song insertion date

Category: audio category of the song; an infinite number of categories is available.

File: name of the audio file associated to the song (generated automatically by the software)

Year: year of issue of the song

Start: start playing point of the song when on-air (allocated automatically after having entered the markers in recorder)

Intro: point in which the instrumental introduction of the song ends and the vocal part starts (allocated automatically after having entered the markers in recorder)

Outtro: point in which the vocal part of the song ends and it continues only with the instrumental part (allocated automatically after having entered the markers in recorder)

Stop: stop playing point of the song when on-air (allocated automatically after having entered the markers in recorder)

Real: real length of the song when played on-air, calculated in relation to the Start and Stop defined in the editing phase

Length: original length of the song

MixIn: length of the song mixin fade starting from the Start point (allocated automatically after having entered the markers in recorder)

MixOut: length of the song mixout fade starting from the Stop point (allocated automatically after having entered the markers in recorder)

Refrain In - Refrain Out: the start and end of the interval selected as song refrain; these values can be set manually or from Recorder (see relevant manual).

56.3 SCHEDULE

Nationality: nationality of the song

Last time played: date, time and key/PC of the last time the song was played

BPM: Beats Per Minute set from Recorder (see relevant manual)

Mood: useful for external playlist programming programs (e.g.: Digiware)

Mask: when this parameter is selected, the song will be "masked", i.e. not available as scheduling choice per kind or for the manual selection directly from OnAir

Level: useful for external playlist programming programs (e.g.: Digiware)

Start Type: useful for external playlist programming programs (e.g.: Digiware)

End Type: useful for external playlist programming programs (e.g.: Digiware)

Disabled Days: it allows you to select the days of the week on which the song must not be available for selection in the scheduling by kind

Disabled Months: it allows you to select the months of the year in which the song must not be available for selection in the scheduling by kind

Disabled Hours: it allows you to select the hours of a day in which the song must not be available for selection in the scheduling by kind

Interpreters, User Data and Audio allow you to enter and set customizable fields; the **Notes** tab contains summary notes on the song while from the **Extra Data** tab it is possible to associate an image to the song.

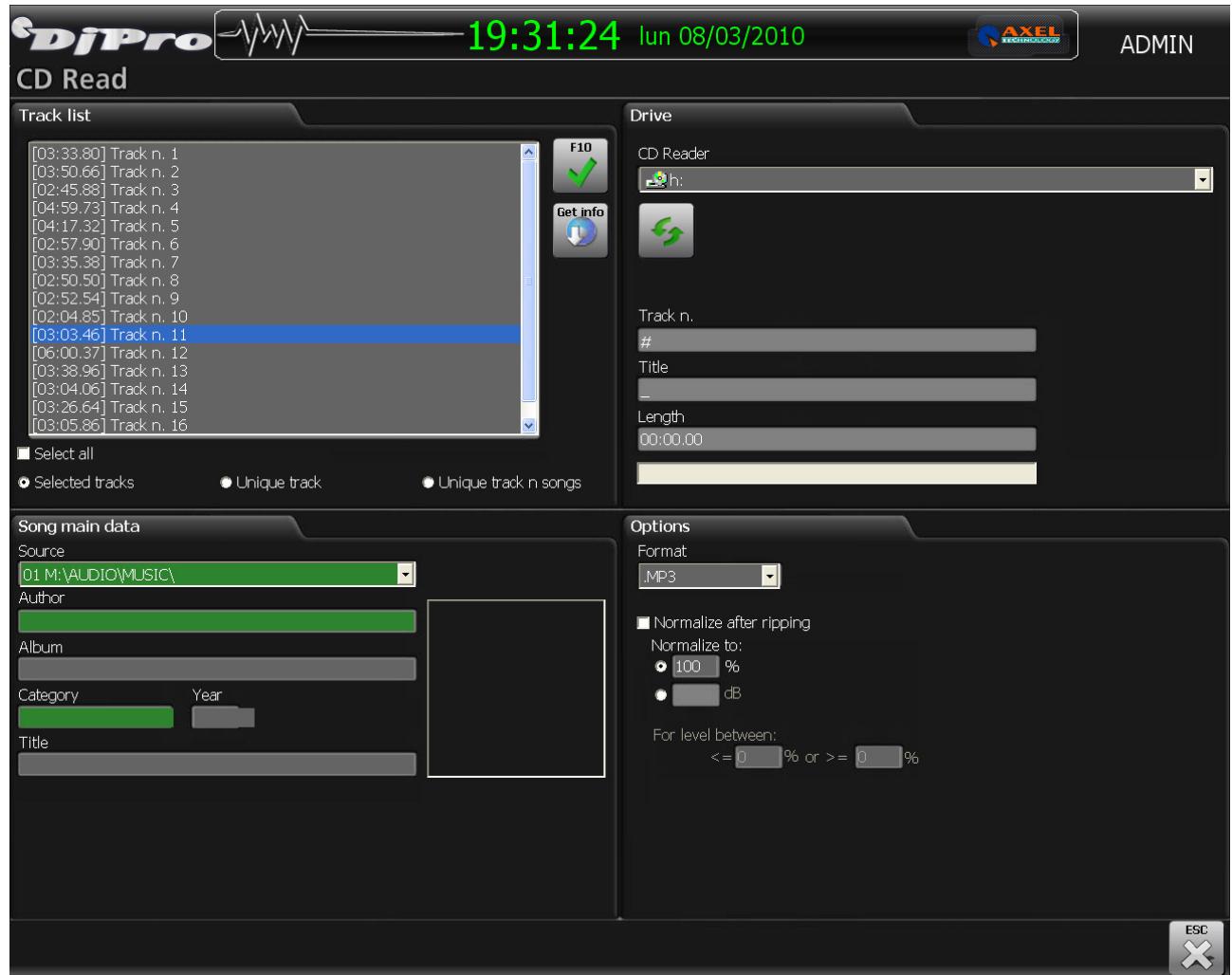
56.4 **SEARCH SORTING**

Usually the database is made up of a great number of records. To display one particular record, the fastest way is to search for it. To carry out the search operation simply sort the list in growing order according to the field of the search (e.g. "Title") by clicking on the column heading and enter the description or part of it. If the search does not provide a satisfactory result, the item which is most similar to the required element will be selected.

By clicking again on the heading of a previously sorted field, data is sorted in decreasing order.

When a field has already been sorted if you click on the right button of the mouse on the heading of another field, it is sub-sorted. For example data can be sorted by author and sub-sorted by title so that the database is sorted by author and the songs of each author are in growing order.

57 READING FROM CD



57.1 TRACK LIST

This section contains the list of the audio tracks of the CD which can be imported.

Select all: to select all songs on the list at the same time.

Selected tracks: the tracks selected will be imported singularly.

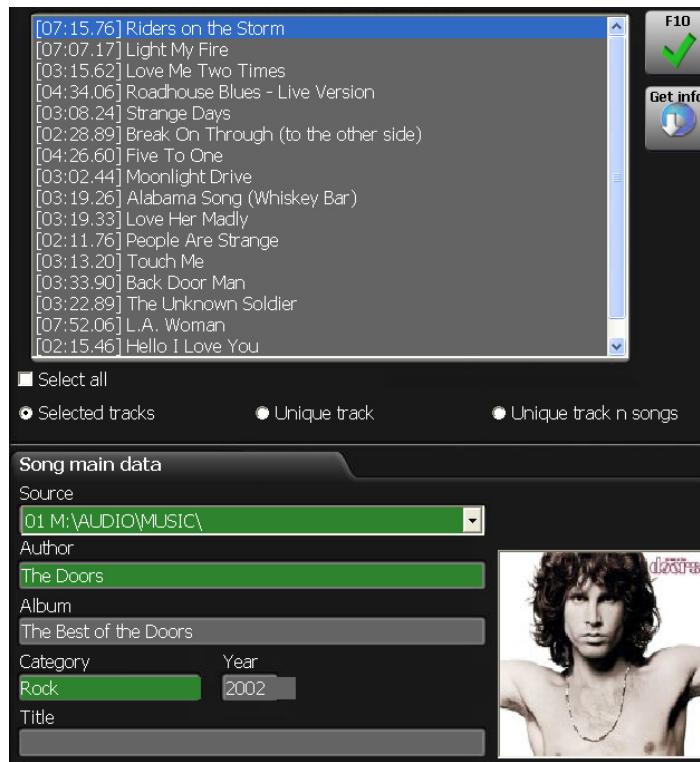
Unique track: the tracks selected will be imported in a single file.

Unique track n. songs: the tracks selected will be imported both singularly and in a single file.



To start import of selected tracks.

If you are connected to the Internet, this key provides information on the CD tracks from a free online database. The **SONG MAIN DATA** fields will be automatically filled in where possible (see figure below).



57.2 SONG MAIN DATA

Certain fields in this section can be automatically imported by clicking [Get Info] (see above) if an Internet connection is available and if information concerning the CD is available in the online database.

Source: destination folder of imported audio files

Author: song author/interpreter

Album: CD Album

Category: type of song

Year: year of publication of the album

Title: song title

57.3 DRIVE

CD Reader: to set the CD reader drive from those available.

Track n.: displays the track number being imported.

Title: displays the track title being imported.

Length: displays the length of the track being imported.

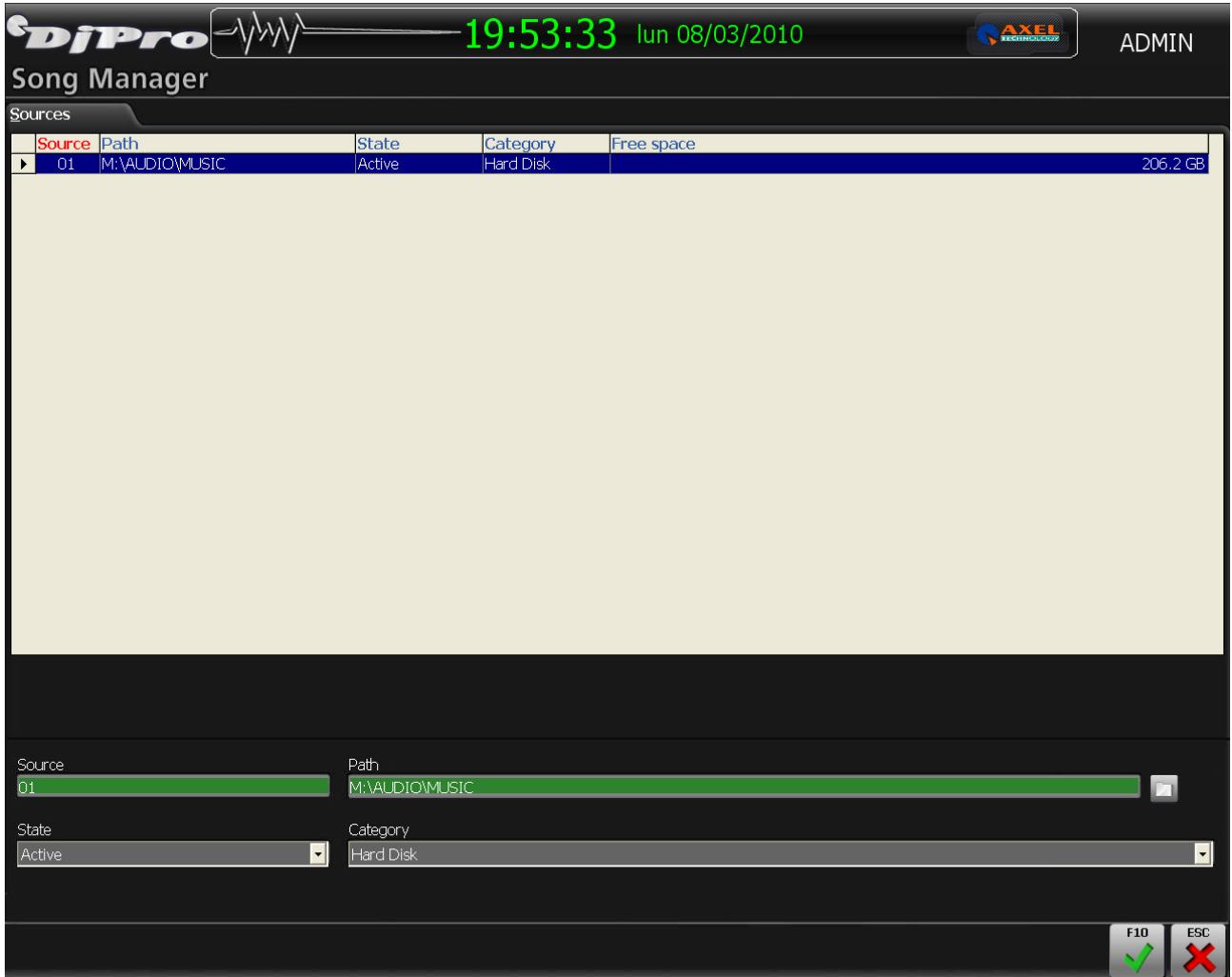
Below these parameters there is a status bar that shows the progress of the track import.

57.4 OPTIONS

Format: to set the audio format selecting from those available for import operation

Normalize after ripping: it normalizes the audio. The normalization value can be set in percentage or dB.

58 SOURCES



In this section it is possible to set the "sources", i.e. the paths in which to save the audio files related to the songs.

NB: this operation must be performed by the system administrator.



To open the window in which to enter a new source

To delete selected sources (the source in use cannot be deleted)

In insertion/editing mode:

Source: source name made up of two digits

Path: source path

State: it allows you to enable or disable the source

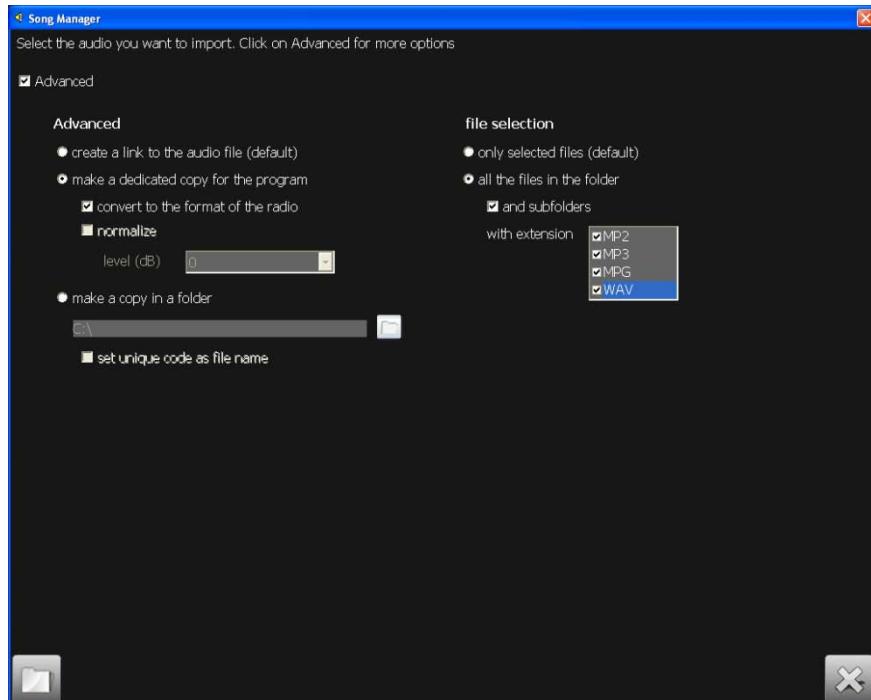
Category: source type (Hard Disk or CD-Rom)

To confirm changes made



To close the editing mode without saving the changes made

59 IMPORT WIZARD



Advanced: it enables the **Advanced** and **file selection** sections

59.1 ADVANCED

- **Create a link to the audio file (default):** it adds the new songs to the database creating a link to the audio file in their original position.
- **NB: if the files are removed from their original position it will no longer be possible to listen to them from the song database**
- **Make a dedicated copy for the program:** it adds new songs to the database importing the audio files in the default folder.
 - **Convert to the format of the radio:** if selected, it converts the imported audios in the format set for the internal editor during the set up of the audio cards (Setcard).
- **Make a copy in a folder:** it allows you to set a destination folder for the audios different from the default one.
 - **Set unique code as filename:** to set the univocal code as name of the imported files.

59.2 FILE SELECTION

- **Only selected files (default):** to import only selected files
- **All the files in the folder:** to import all the files in the selected folder
 - **And subfolders:** to include in the import also the subfolders of the selected folder
 - **With extension:** it allows you to select the extension of the file to be imported



Once the required parameters have been set click this key to select the file or the folder to be imported and start the import process.

NOTE: at the end of the import of songs the program will automatically carry out the maintenance of the database.