RADIO Rotator Pro - Manual
Manual

USER MANUAL

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About

1 About

User manual for
RADIO Rotator Pro - Manual ver.1.0.21.44

1.1 What is RADIO Rotator Pro

RADIO Rotator Pro - is software for playlists generation (radio broadcast schedule) by the user-specified criteria.

Features:

- creation of unlimited number of clips templates;
- ability to specify an unlimited number of conditions and conditions groups of arbitrary nesting for each template clip;
- creation of unlimited number of playlists templates;
- creation of individual broadcast schedule on any day, consisting of an arbitrary number of broadcast units of arbitrary length;
- inheritance of broadcast schedule on the principle: "Every day" => "Day of week" => "Day at the specified date";
- assigning of own playlist template to each broadcast unit of broadcast schedule;
- creation of an arbitrary number of ad units on every day, day of week or specific day of your choosing;
- playlists generation for any specified date range according to templates, broadcast and advertising schedule;
- accounting of playback history for the next playlist generation;
- optimal fitting of the total playback time to broadcast and advertising units;
- ability to edit playlists;
- storage of broadcast history for unlimited time;
- generate reports for playback history in formats: html, pdf, xls, etc.
- other functions

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Working with software

2 Working with software

2.1 Terms

- **Clip template** - Set of conditions, created by user, for selecting of specific clips group from the database.
- **Playlist template** - The clips and clips templates collection intended for playlist creation that meet specific criteria.
- **DB** - Database.
- **DBMS -** Database Management System is a set of computer programs that controls the creation, maintenance, and the use of a database.
- **MySQL** - One of the most popular freeware databases. Product website: www.mysql.com.

2.2 Working concept

RADIO Rotator Pro - Manual uses a clips database from the RADIO Base Pro, which is also part of RADIO Studio Pro series. As a database management system is used free DBMS MySQL. Based on user-defined templates, the program creates a broadcasting schedule. The following principles are used for schedules generating:

1. Created playlist should always match the user-defined templates.
2. The total duration of a playlist should match as much as possible the duration of the playlist template, but at the same time not to be less it.
3. The clips played the most time ago are primarily used for playlist generation. However, in order to satisfy also paragraph 2, the software replaces some of the clips to shortly time ago played clips, if they more satisfy the conditions of paragraph 2.
4. If playlist contains ad units, it is virtually divided into parts, bounded by these ad units, each of these parts must satisfy the conditions specified in the first three points in this list of principles.
5. Created playlist musts not contain repetitive clips. If the user-defined templates do not satisfy this condition, you will see an exception.

2.3 Startup settings

The subsequent recommendations are intended for an explanation of some questions and the decision of the problems connected to initial adjustment of the program.

The program requires the installed DBMS MySQL (version 5.0 or more). If you have not installed DBMS MySQL, you can download it from our website (RADIO Rotator Pro - Manual download page) or from MySQL website. Also database of musical content RADIO Base Pro is required. RADIO Base Pro software is also part of RADIO Studio Pro series.

Then perform the following steps:

1. Database creating and logon to the program.

[PICTURE Button_Add.png] New Database window will create a database.

1.1. Click **"Advanced"** button in Logon window.
1.2. Correctly fill out the parameters to connect to database server: Server Address, Server Port, User Name, Database Password.
1.3. If you have already created a rotator database, select it from the database name list or enter manually. Otherwise, click  **Create a new database** for open Create database window.

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1.4. In the Create database window correctly fill out all fields and click **"OK"**. After a few seconds you will be notified about the successful creation of the rotator database.
1.5. In the Logon window click the **"OK"** button and logon to the program.

2. Set of clips template creation.

2.1. In the Clips templates window click  **Add clip template** button.
2.2. In the Edit clip template window select necessary to you clip property or artist property.
2.3. Click  **Add condition** button.
2.4. In the Condition window fill out necessary fields and click **"OK".**
2.5. Add additional conditions if it is required.
2.6. In the Edit clip template window click **"OK"** button - the new clip template will be added in the list.
2.7. If you want to add more clips templates, repeat the previous paragraphs.

3. Set of playlists template creation.

3.1. In the Playlists templates window click  **Add playlist template** button.
3.2. In the Edit playlist template window in Properties tab input playlist template caption and comment if it is required.
3.3. In the Content tab fill out required contents of the playlist template.
3.4. If it is required, fill out Export properties of the playlist template.
3.5. In the Edit playlist template window click **"OK"** button - the new playlist template will be added in the list.
3.6. If you want to add more playlists templates, repeat the previous paragraphs.

4. Work with broadcast grid.

4.1. In the Broadcast grid window select required broadcast units and click  **Set link to plailist template** button.
4.2. In the window that opens, choose your desired playlist template and click "**OK**"- all selected broadcast units will be filled by this template.
4.3. Similarly, fill all your desired broadcast units.

5. Work with advertising grid.

5.1. In list of days select required day.
5.2. In the ad units list click  **Add an ad unit**.
5.3. In Ad unit window input required ad unit properties and click **"OK"** button.
5.4. Similarly, fill all your desired ad units.

6. Creation of schedule.

6.1. In the Schedule window click  **Create playlists**.
6.2. In the window that opens, specify the required time interval for which you want to create a schedule and click **"OK"**.
6.3. If it is required create the schedule and for other time intervals.

2.4 Frequently asked questions

Logon troubles.

Database server is not available at ...

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Wrong **Server address** and **Server Port** settings in logon window, or MySQL server is not installed or not running.

Solution

Step 1:
Make sure that the MySQL server is installed and working.

Step 2:
Check that **Server address** and **Server Port** settings in logon window are consistent with the actual location of your MySQL server.

Database "..." does not exist.

You are trying to connect to a nonexistent database.

Solution

Check that **Database name** in logon window correspond to the actual existing database.

Denial of access to the database ... - incorrect user name or password.

Check the correctness of Database username and Database password parameters in logon window.

Incorrect user name or password.

Check the correctness of Username and Password parameters in logon window.

Database creation troubles.

Database "..." does not exist.

Check that the RADIO Base Pro database name (read only) in create database window correspond to the actual existing RADIO Base Pro database.

Can not create database "...", since it has already been created and contains data.

You are trying to create already existing and not empty database.

Solution

Check the correctness of **The name of rotator database (read / write)** parameter in create database window or delete the database and then re-create it.

Insufficient user rights to create the database.

User rights specified in the parameter **Database username** is not enough to create the database.

Solution

Grant permissions to database creation to your MySQL user by administration tools of this DBMS, either specify a different database user with sufficient rights.

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2.5 Automatic playlists export

RADIO Rotator Pro - Manual allows to set up automatic daily generation and export of playlists. To do this:

1. Configure the required settings in the Playlist export window. Perform a test export to make sure that everything works as required.
2. Enable the option "Autologon" in logon window.
3. Set up Windows "Task Scheduler", as you require. As action in the scheduler specify Start a program of Rotator.exe from the installation directory, and as parameter: autoexport.

Now in specified by you in Task Scheduler time, RADIO Rotator Pro - Manual will produce a generation and export playlists to the current day.

The specific interface of the Task Scheduler depends on Windows version. More information about the Task Scheduler can be found in the Windows Help.

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Menu

3 Menu

3.1 Menu "File"

Export database

Database export to external file. Later from this file you can restore the current state of the database.

Waring! The rotator database closely linked to a database of clips, so before export of the rotator DB it is recommended to produce also export of clips DB, and before import of the rotator DB it is recommended to produce also import clips DB, otherwise in the rotator DB may be appear links to non-existent data that would lead to incorrect operation of the program.

Import database

Database import from a previously saved external file.

Waring! When performing this operation all available data in the current rotator DB will be removed irrevocably and replaced by the imported data. Be clearly convinced that you want to make this operation.

Logon as another user

Select it if you want to enter into the program as another user to connect to another database, etc.

Exit

Exit from program.

3.2 Menu "Windows"

Arrange

In this menu you can choose how to arrange the windows in the current workspace:

- Vertical
- Horizontal
- Mosaic

The following is a list of work windows. If you click on the current window in this list, you activate the workspace of the window and the window itself.

3.3 Menu "Tools"

Settings

Open the Settings window.

Reset settings

Ability to set default settings (application will be restarted).

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3.4 Menu "Help"

Open help of **RADIO Rotator Pro - Manual**.

3.5 Menu "About"

Internet Homepage

Open Internet Homepage of RADIO Rotator Pro - Manual in the browser.

Support page on the Internet

Open support page on the Internet in the browser.

Write a letter

Send a letter to support e-mail.

Check program updates

If you have access to the Internet, program will tell whether there is a newer version on the official site.

Registration information

Opens the help section with information about the registration procedure.

Registration form

With this option, you can fill out a request for registration key.

Load registration key

Use this item if you want load registration key for program.

What's new?

Shows the list of changes.

About

Shows "About" window with information on the version of the program and it's owner.

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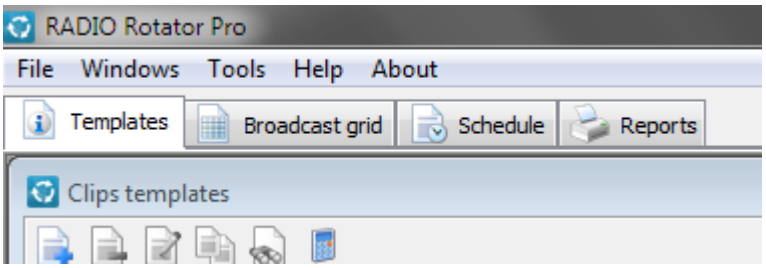
Workspaces

4 Workspaces

Main application window can contain several workspaces, in which work windows are allocated. The user can create, delete, rename workspaces, and also allocate work windows there at own discretion.

4.1 Default workspaces

The following workspaces are set in application by default:



- **Templates**

  Contains Clips templates and Playlists templates windows.

- **Broadcast grid**

  Contains Broadcast grid and Advertising grid windows.

- **Schedule**

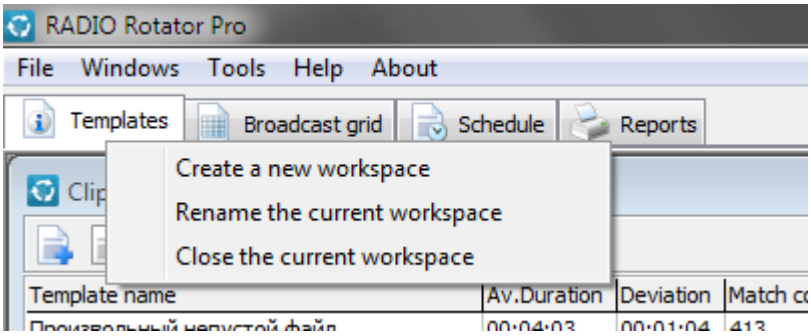
  Contains Schedule window.

- **Reports**

  Contains Report manager window.

4.2 Work with workspaces

On each workspace tab, the following pop-up menu (by right mouse button) is available:



- **Create a new workspace**

  With this option, you can create a new workspace.

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- **Rename the current workspace**

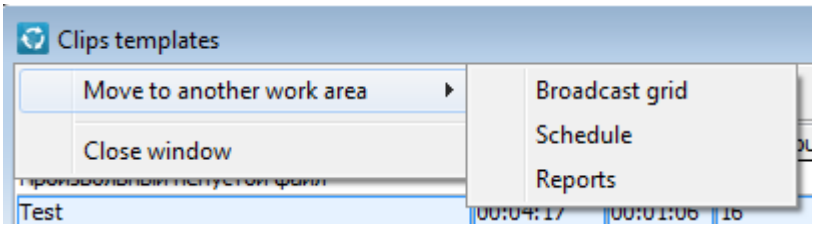
  With this option, you can rename the active workspace.

- **Close the current workspace**

  With this option, you can delete the active workspace.

4.3 Moving windows between workpaces

Each of the work windows can be moved from one workspace to other, it is enough to click on the system menu (the icon) of the work window. The following items will be as result available:



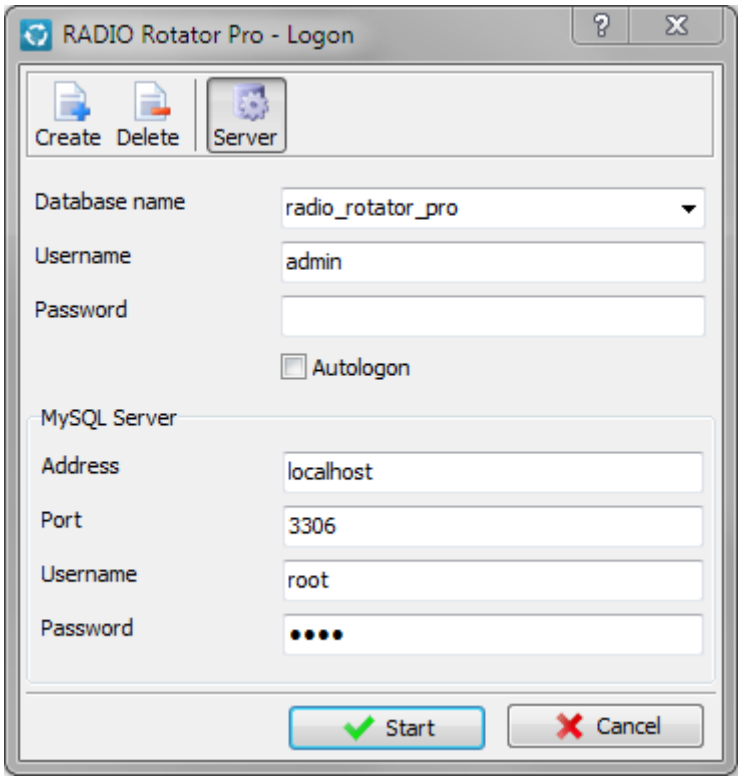
Next, select the desired workspace and a window will be moved.

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Windows

5 Windows

5.1 Logon



This window appears each time you start the program. It is necessary to fill the parameters required for logon into the program.

Parameters required for logon into the program

Database name

In this field input the name of the MySQL database, or select it from the list. However, the list will be available only after correctly filling of MySQL Server parameters.

Username

Username of program.

Password

Password for program logon.

Autologon

Check this box to automatically log into the program the next time. In this case, the logon window will not be shown. If you wish to enter into the program as another user, to connect to another database, etc. - select the menu item "File => Logon as another user" in main program window.

MySQL Server

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Address

Address of MySQL database server.

Port

Port of MySQL database server.

Username

Username of MySQL database server.

Password

Password for access to MySQL database server.

Creating and deleting of databases

- **Creating of database**

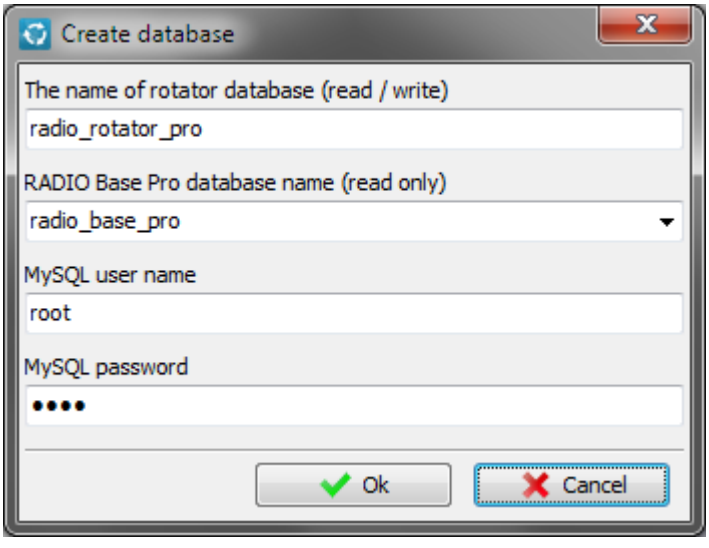
To create a new database of program, click **Create a new database,** as result Create database window will be opened.

- **Deleting of database**

To delete an existing database of program, click **Remove the existing database**, as result Delete database window will be opened.

Warning! All data will be erased IRRETRIEVABLY! Be clearly convinced that you want to make this operation.

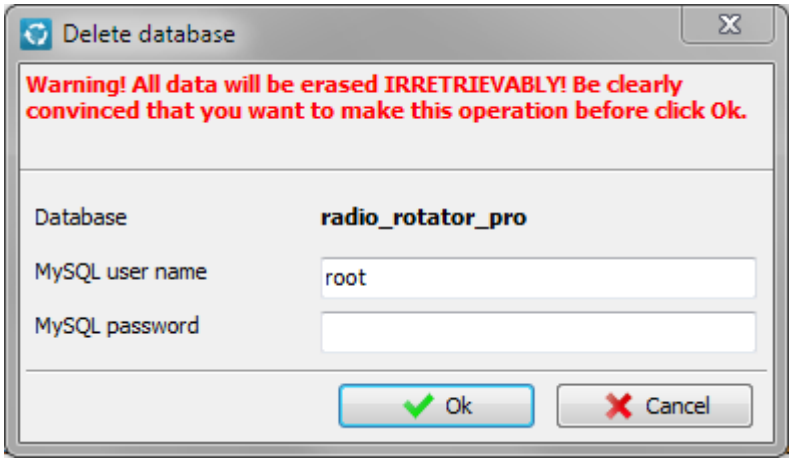
5.1.1 Creating of database



With this form, you can create a new database of the rotator.

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5.1.2 Deleting of database



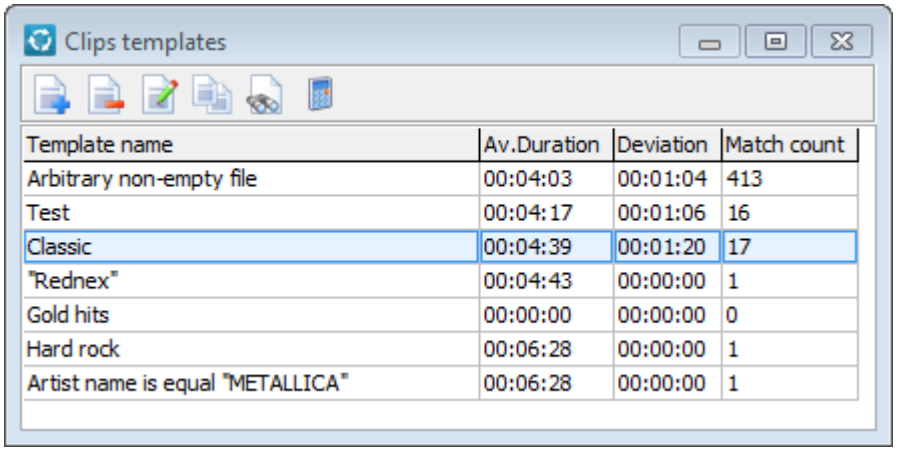
With this form you can delete the existing database of the rotator. To avoid accidental or malicious implementation of this operation, you must enter your login and password to access the MySQL database server.

Warning! All data will be erased IRRETRIEVABLY! Be clearly convinced that you want to make this operation.

5.2 Work windows

Windows that can be put in the workspaces, called the work windows.

5.2.1 Clips templates



This window is intended to create, edit and destroy clips templates.

Toolbar

Add clip template

Allows you to add a clip template, the Edit clip template window will be opened.

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Remove clip template

Allows you to remove a clip template.

Edit clip template

Allows you to edit a clip template, the Edit clip template window will be opened.

List of clips, matching a template

Shows the list of the clips corresponding to the selected template.

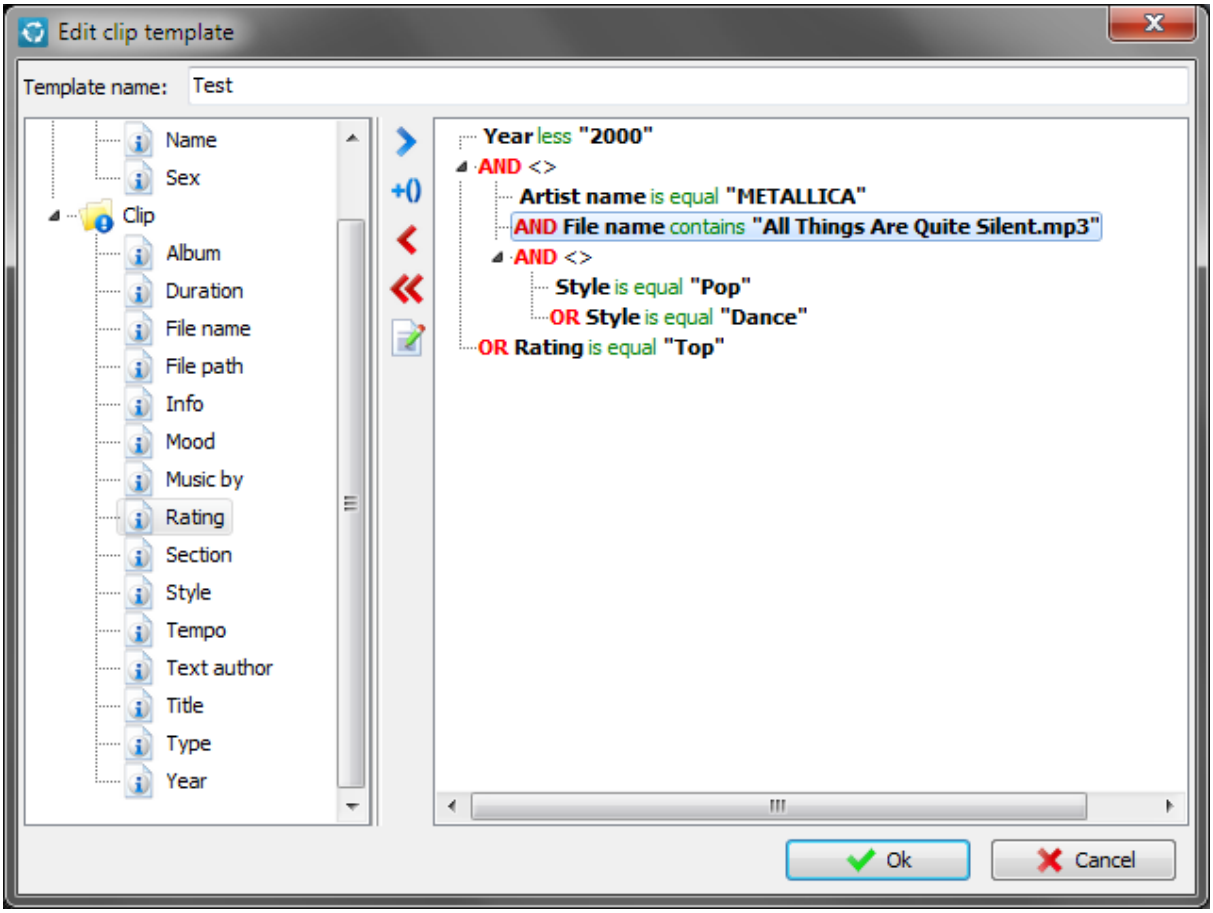
Calculate the matching templates

Recalculation of the statistical characteristics of templates (average duration, deviation, match count).

Clone clip template

Creates a copy of the selected clip template, the Edit clip template window will be opened for make changes to created copy.

5.2.1.1 Edit clip template



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Window to form a clip template. In the left pane are the properties, which can impose a user-defined conditions, for example, to set limits on the duration of the clip, style, etc. In the right pane is a set of user-defined conditions.

Toolbar

Add condition

Allows you to add a new condition, and to link it with the previous by AND/OR, the Condition window will be opened.

Add group of conditions

Allows you to add a new conditions group, and to link it with the previous by AND/OR, the Group of conditions window will be opened. Mathematically, a group of conditions is equivalent of operations group in parentheses. In the window same the group of conditions will be displayed in the form of tree branch.

Delete condition

Allows you to delete a condition.

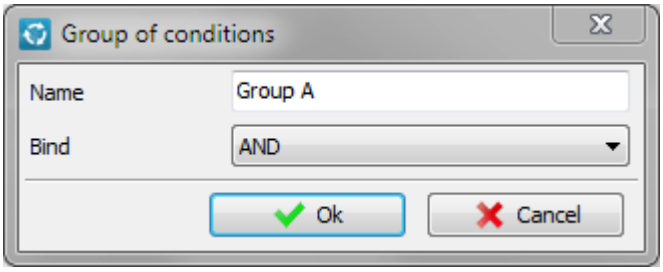
Delete all conditions

Removing of all conditions.

Edit condition

Allows you to edit a condition, the Condition window will be opened.

5.2.1.1.1 Group of conditions



Window to edit the properties of conditions group which used in the clip template.

Name

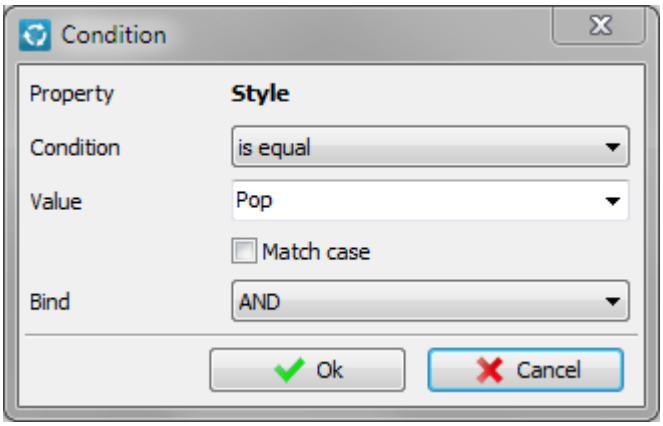
Name of conditions group.

Bind

Choose the bind type to the previous condition by AND/OR.

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5.2.1.1.2 Condition



The window for the conditions editing which used in the clip template.

Property

Property on which condition is imposed.

Condition

Required to choose a specific comparison condition. Possible operations: **equal, not equal, greater, greater or equal, less, less or equal, contains, not contains**. Currently available set of conditions depends on the selected option.

Value

Input the desired value for the condition.

Match case

For some string properties can compare with this flag.

Bind

Choose the bind type to the previous condition by **AND/OR**.

5.2.1.1.3 Playback history consideration

In a clip template, you can also take into account the playback history of a particular parameter. To do this, use the conditions: *"played not less than"*, *"played less than"* a certain amount of time ago. For example, if we add the condition:



then clips whose artist was played less than three hours ago will not be included in the generated playlist.

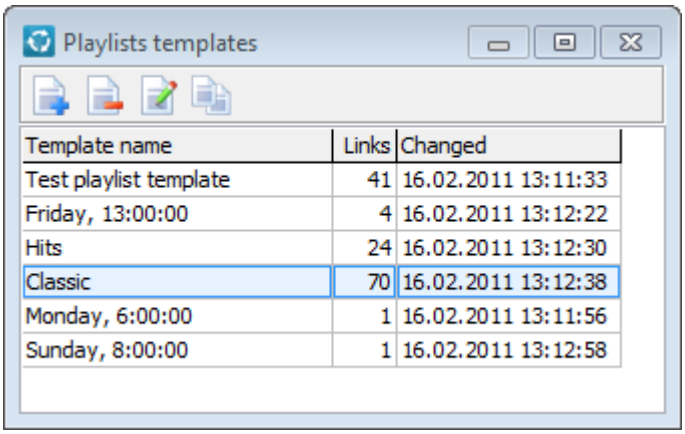
Note:

1. The time is counted not from the current moment, but from the time of the last played clip.
2. Time is specified in the format: HH:MM:SS. HH - hours, MM - minutes, SS - seconds.

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3. If the option "Playlist optimization by time" is enabled in settings, then the playback history will only be tracked from previously generated playlists; clips from the playlist currently being generated will not be taken into account.
4. Using playback history consideration can significantly increase playlist generation time.

5.2.2 Playlists templates



This window is intended to create, edit and destroy playlists templates.

Toolbar

Add playlist template

Allows you to add a playlist template, the Edit playlist template window will be opened.

Remove playlist template

Allows you to delete a playlist template.

Edit playlist template

Allows you to edit a playlist template, the Edit playlist template window will be opened.

Clone playlist template

Creates a copy of the selected playlist template, the Edit playlist template window will be opened for make changes to created copy.

Table columns

Template name

Name of playlist template.

Links

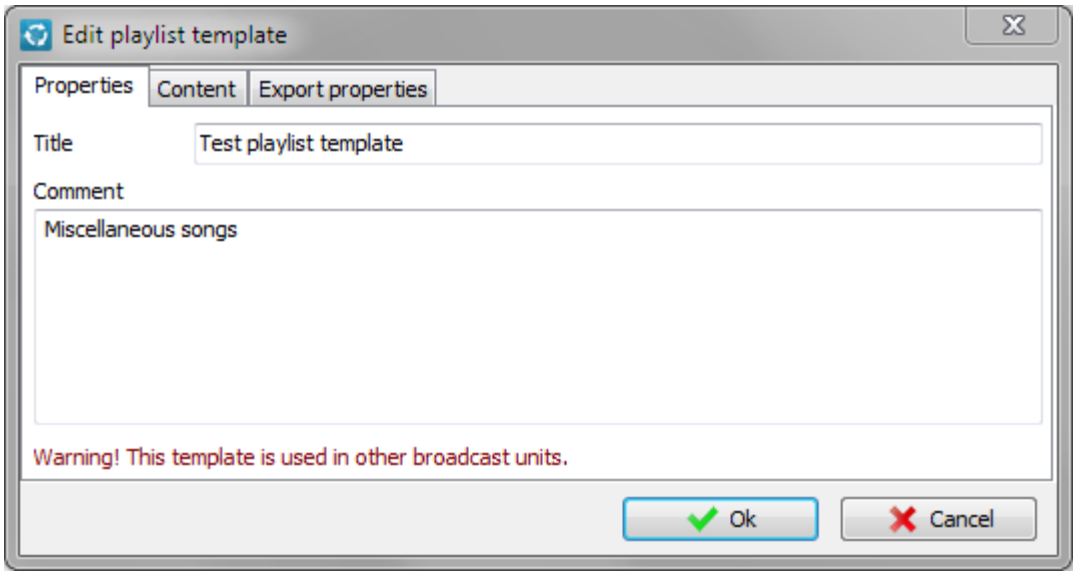
Number of this template uses in the broadcast grid.

Changed

Last modification date of this playlist template.

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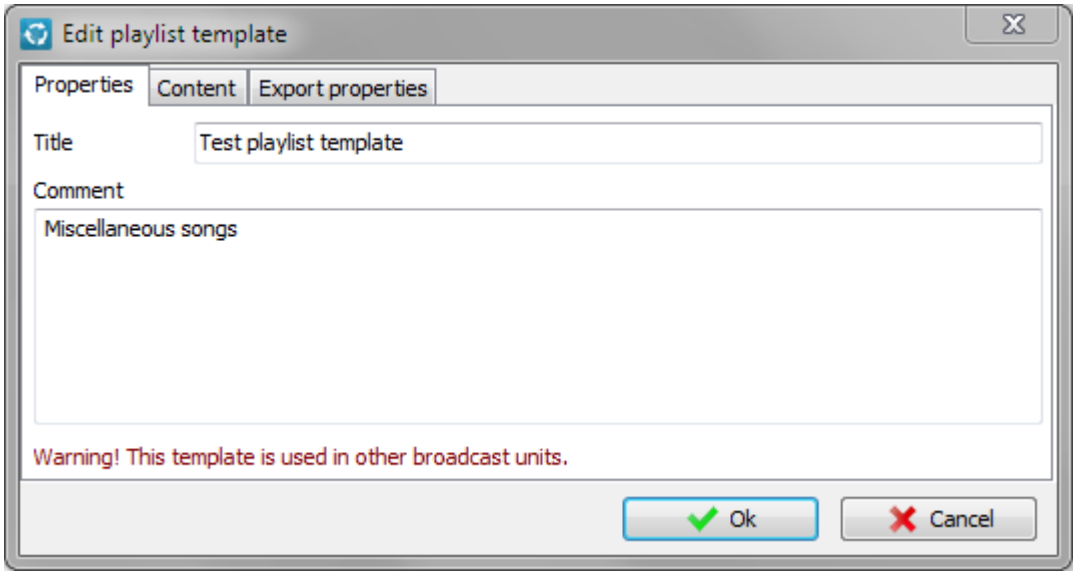
5.2.2.1 Edit playlist template



With this window you can edit the playlist template. The window consists of three tabs:

- Properties
- Content
- Export properties

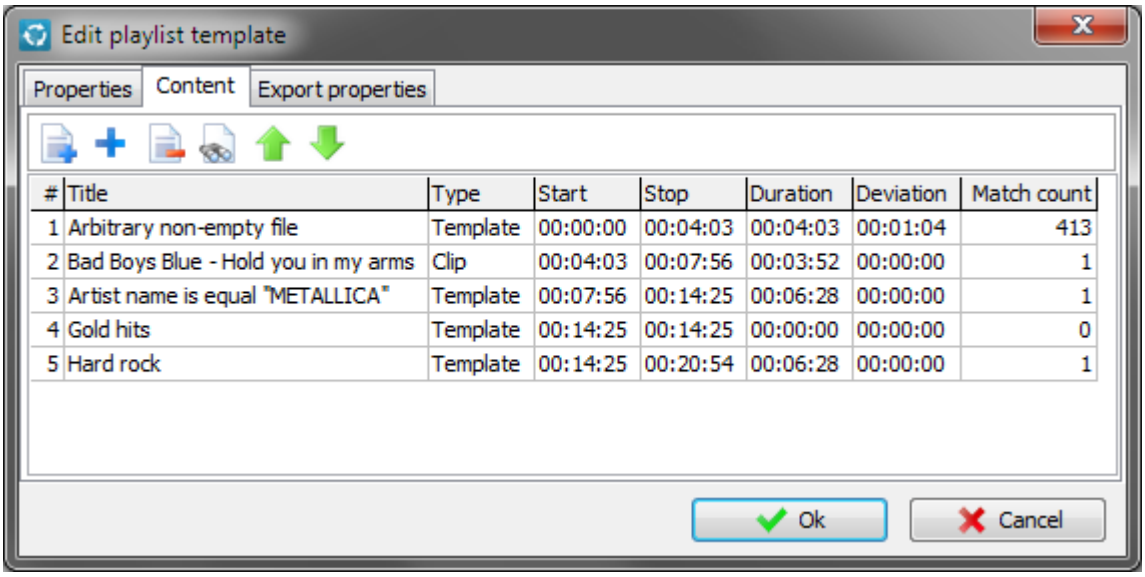
5.2.2.1.1 Properties



Here you can specify the name of playlist template and commentary to it.

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5.2.2.1.2 Content



Fill out the content of playlist template there. Broadcast playlist will be generated by this content. The contents consist of clips templates or concrete clips. When you create a schedule, clips templates are converted to concrete clips so that to fill the entire duration of the playlist.

Toolbar

Add clip template

Allows to add a clip template.

Add clip

Allows to add a concrete clip.

Delete record

Allows to delete clip template or concrete clip.

Create playlist that matches this list

Allows to view the playlist that corresponds to this playlist template.

Move up

Allows to move selected template/clip up.

Move down

Allows to move selected template/clip down.

Table columns

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#

Serial number of record in the table.

Title

Title of template/clip.

Type

Indicates whether the record template or clip.

Start

Approximate start time of the clip.

Stop

Approximate completion time of the clip.

Duration

Approximate template duration, or accurate, if this record is the clip.

Deviation

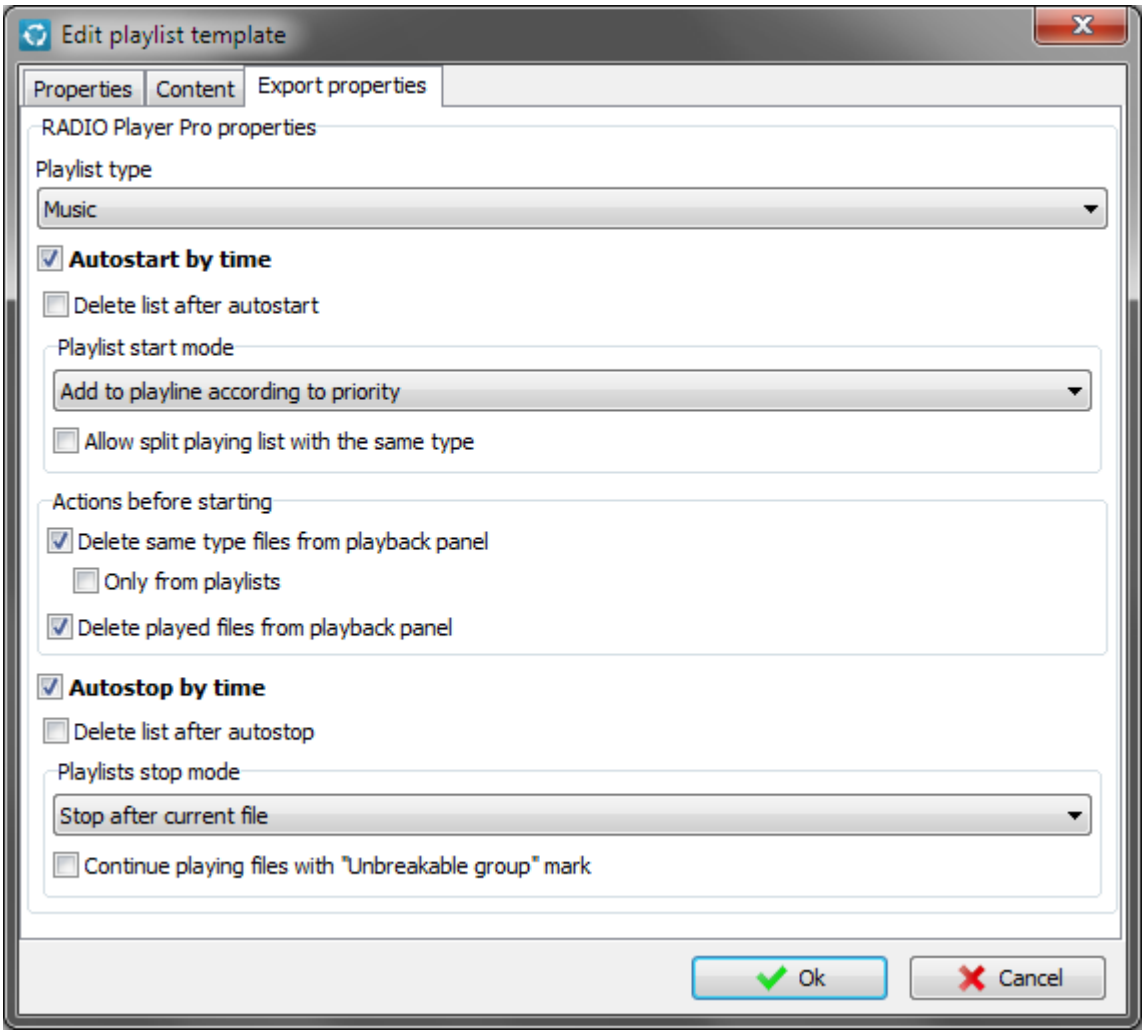
The average deviation of the estimated duration.

Match count

Number of available in the database matching to given clip template.

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5.2.2.1.3 Export properties



Playlist properties, which will be set by playlist export for the Radio Player Pro program from RADIO Studio Pro series. Description of these properties can be found in the reference manual for this program.

5.2.3 Broadcast grid

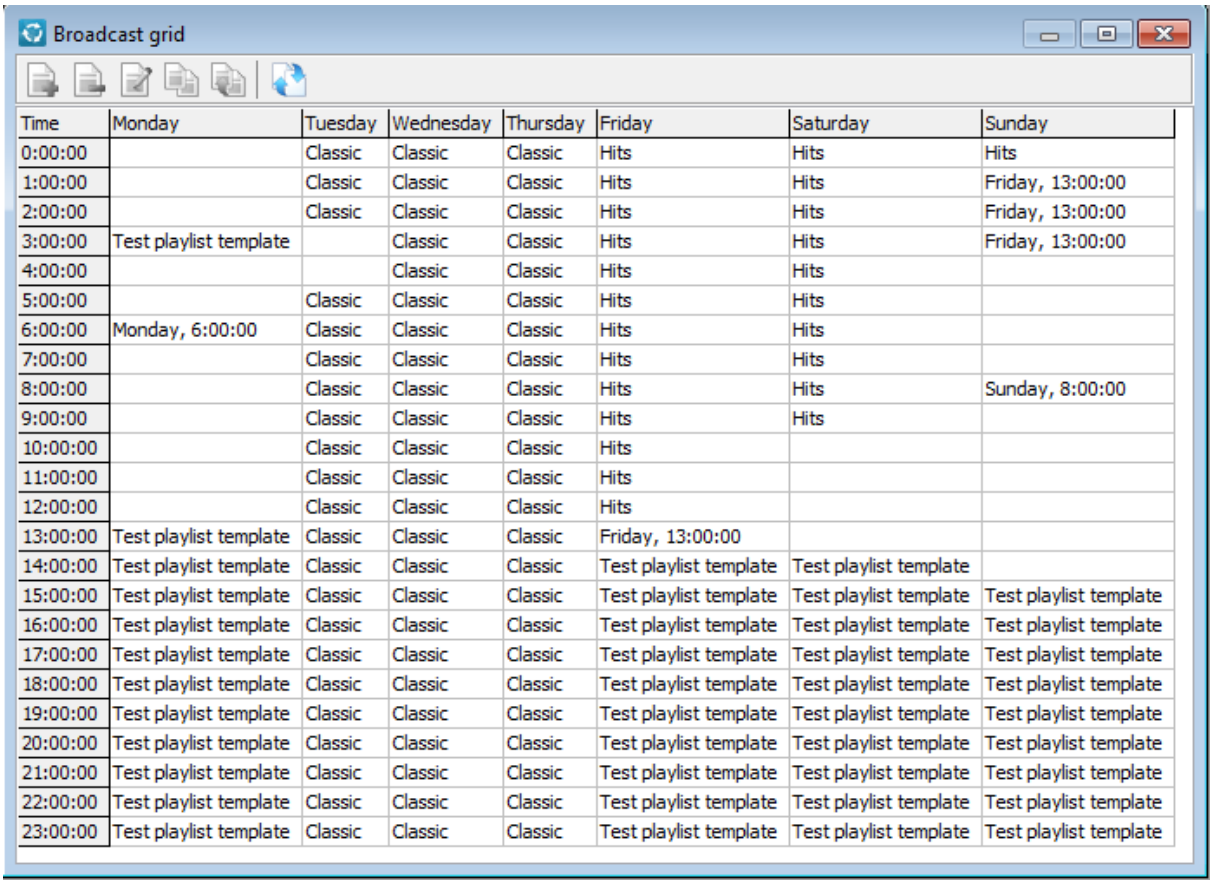
Form to create a broadcast schedule. The user has the ability to select one of two types of forms:

- Simplified broadcast grid - The schedule is created only on day of week, each day is divided strictly into 24 broadcast units.
- Advanced broadcast grid - The schedule is created to every day, day of week, specific date and to the template of the day without a specific date. Every day is divided to any number of broadcast units of arbitrary duration.

Warning! When switching from advanced grid mode to simplified, some of broadcast schedule data which are available only in this mode may be lost. Be careful.

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5.2.3.1 Simplified broadcast grid



Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
0:00:00		Classic	Classic	Classic	Hits	Hits	Hits
1:00:00		Classic	Classic	Classic	Hits	Hits	Friday, 13:00:00
2:00:00		Classic	Classic	Classic	Hits	Hits	Friday, 13:00:00
3:00:00	Test playlist template		Classic	Classic	Hits	Hits	Friday, 13:00:00
4:00:00			Classic	Classic	Hits	Hits	
5:00:00		Classic	Classic	Classic	Hits	Hits	
6:00:00	Monday, 6:00:00	Classic	Classic	Classic	Hits	Hits	
7:00:00		Classic	Classic	Classic	Hits	Hits	
8:00:00		Classic	Classic	Classic	Hits	Hits	Sunday, 8:00:00
9:00:00		Classic	Classic	Classic	Hits	Hits	
10:00:00		Classic	Classic	Classic	Hits		
11:00:00		Classic	Classic	Classic	Hits		
12:00:00		Classic	Classic	Classic	Hits		
13:00:00	Test playlist template	Classic	Classic	Classic	Friday, 13:00:00		
14:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	
15:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
16:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
17:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
18:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
19:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
20:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
21:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
22:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template
23:00:00	Test playlist template	Classic	Classic	Classic	Test playlist template	Test playlist template	Test playlist template

In this form, you can assign a playlist template for every hour of every day of week. You can select required broadcast units by left mouse button and Ctrl key.

Toolbar



Add playlist template

A new playlist template will be created and linked to selected broadcast unit. The Edit playlist template window will be opened. In this newly created template comes in the Plalists templates form.



Remove playlist template

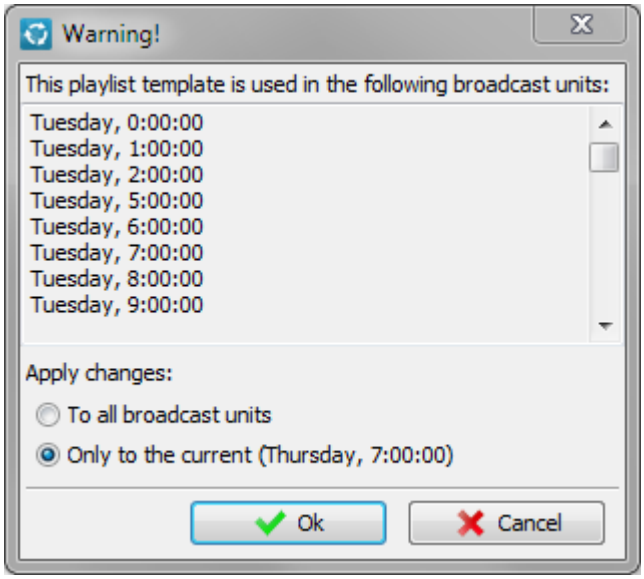
Playlist template will be removed from the broadcast grid, but it remains in the Plalists templates form.



Edit playlist template

Allows you to edit a playlist template, the Edit playlist template window will be opened. If this template is also assigned to other broadcast clocks, the following window is displayed with a warning:

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Where will need to decide whether to apply the modifications to all broadcast units using this template or just the current one. In case of applying changes only to the current broadcast unit it will be made a copy of this template, in this case it is required to specify a new name of template, since there can not be multiple playlists templates with the same name.

Copy playlist template from the ...

Allows you to copy the playlist template to selected broadcast unit from other broadcast units.

Set link to playlist template

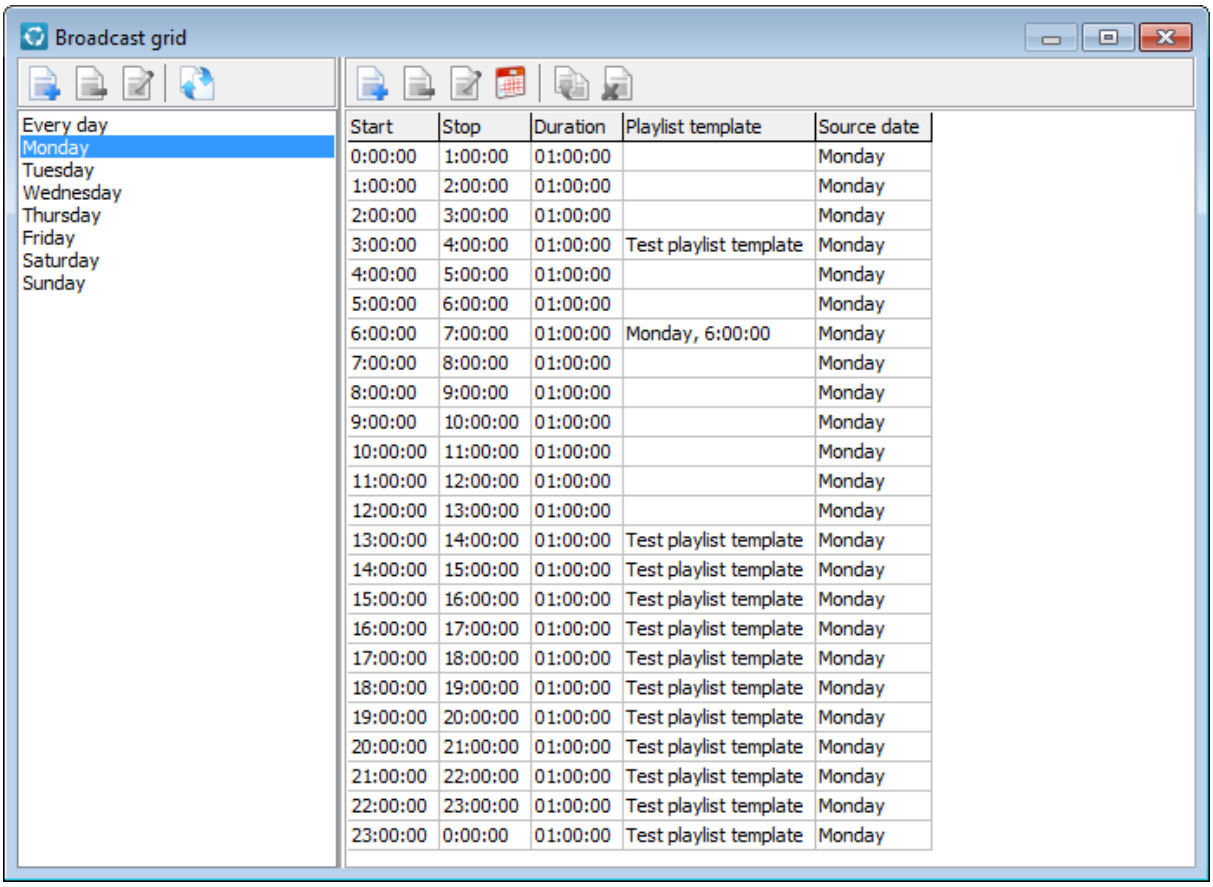
Allows to set a link for the selected broadcast unit to an existing playlist template. The difference from copying of template is that the template remains one and further its modifications are applied immediately to all the broadcast units that links to it.

Switch to advanced mode of broadcast grid

Switch broadcast grid to advanced mode.

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5.2.3.2 Advanced broadcast grid



Start	Stop	Duration	Playlist template	Source date
0:00:00	1:00:00	01:00:00		Monday
1:00:00	2:00:00	01:00:00		Monday
2:00:00	3:00:00	01:00:00		Monday
3:00:00	4:00:00	01:00:00	Test playlist template	Monday
4:00:00	5:00:00	01:00:00		Monday
5:00:00	6:00:00	01:00:00		Monday
6:00:00	7:00:00	01:00:00	Monday, 6:00:00	Monday
7:00:00	8:00:00	01:00:00		Monday
8:00:00	9:00:00	01:00:00		Monday
9:00:00	10:00:00	01:00:00		Monday
10:00:00	11:00:00	01:00:00		Monday
11:00:00	12:00:00	01:00:00		Monday
12:00:00	13:00:00	01:00:00		Monday
13:00:00	14:00:00	01:00:00	Test playlist template	Monday
14:00:00	15:00:00	01:00:00	Test playlist template	Monday
15:00:00	16:00:00	01:00:00	Test playlist template	Monday
16:00:00	17:00:00	01:00:00	Test playlist template	Monday
17:00:00	18:00:00	01:00:00	Test playlist template	Monday
18:00:00	19:00:00	01:00:00	Test playlist template	Monday
19:00:00	20:00:00	01:00:00	Test playlist template	Monday
20:00:00	21:00:00	01:00:00	Test playlist template	Monday
21:00:00	22:00:00	01:00:00	Test playlist template	Monday
22:00:00	23:00:00	01:00:00	Test playlist template	Monday
23:00:00	0:00:00	01:00:00	Test playlist template	Monday

The form allows you to create templates of broadcast schedule for each day, day of week, specific date and for the template of the day without a specific date. Each day is divided to any number of broadcast units of arbitrary duration. A mechanism of inheritance broadcast schedule is provided. For example unset broadcast units of weekdays are automatically filled with broadcast units from "Every Day", unset units of broadcast day, created on a certain date, are automatically filled with broadcast units from the corresponding weekday, and if those are none, then from "Every day". Inherited broadcast units are shown on a grid of gray and can not be correct. To adjust them it is necessary to pass in that day where they are defined and edit them there.

Toolbar for days list



Add broadcast day

Allows to add broadcast day to specific date or template of broadcast day without a specific date. To use the template of broadcast day without a specific date, simply set desired date for it.



Remove broadcast day

Allows to delete selected broadcast day. Broadcast days to "Every day" or day of the week can not be removed.



Edit broadcast day

Allows to change the properties of the selected broadcast day.

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Switch to simplified mode of broadcast grid

Switch broadcast grid to simplified mode.

Toolbar for list of broadcast units

Add broadcast unit

Allows to add broadcast unit, the Broadcast unit window will be opened.

Remove broadcast units

Allows to remove the selected broadcast units.

Edit broadcast unit

Allows to edit broadcast unit, the Broadcast unit window will be opened.

Recreate broadcast grid for selected day

Anew creates the grid for the selected broadcast day. Allows you as to split the grid uniformly at constant interval, and to create a grid as a copy of any other broadcast day.

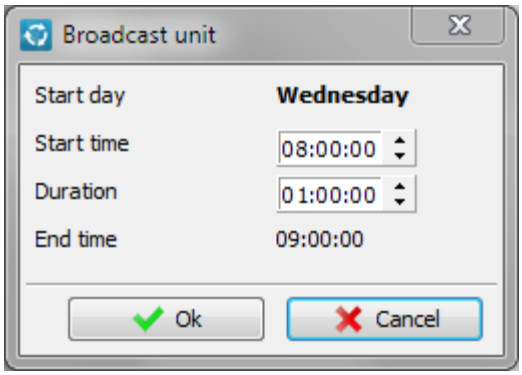
Set link to playlist template

Allows to set a link for the selected broadcast unit to an existing playlist template.

Delete link to playlist template

The playlist template will be removed from the broadcast grid, but it remains in the Playlists templates window.

5.2.3.2.1 Broadcast unit



The window for editing of broadcast unit.

Start day

Start day of the broadcast unit

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Start time

Start time of the broadcast unit

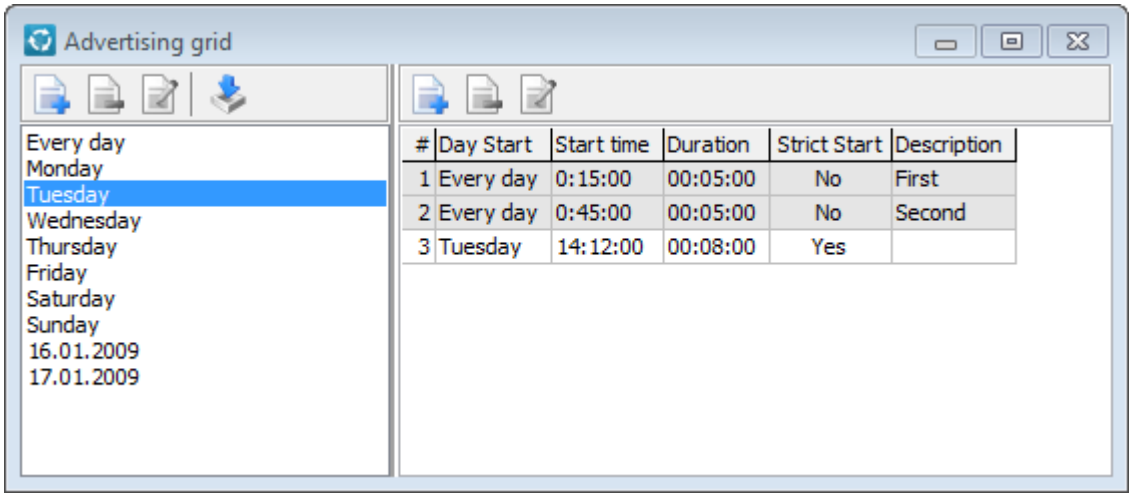
Duration

Duration of the broadcast unit

End time

End time of the broadcast unit

5.2.4 Advertising grid



The form for creation of an advertising grid. You can create any number of ad units on every day, day of week or specific day of your choosing. In the left pane is a list of days for which ad units are set or can be set. In the right pane is a list of ad units for selected day. Gray color indicates the units that are inherited from the other days, these can not be changed or removed.

Toolbar for days list



Add advertising day

Allows to add advertising day on a certain date.



Remove advertising day

Allows to remove the selected advertising day. Advertising days to "Every day" or weekdays can not be removed.



Edit advertising day

Allows to change date of selected advertising day.



Import advertising schedule

Allows to import an advertising schedule created by RADIO AdsMan Pro program from RADIO Studio Pro series.

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Toolbar for list of ad units

Add an ad unit

Allows to add ad unit, the Ad unit window will be opened.

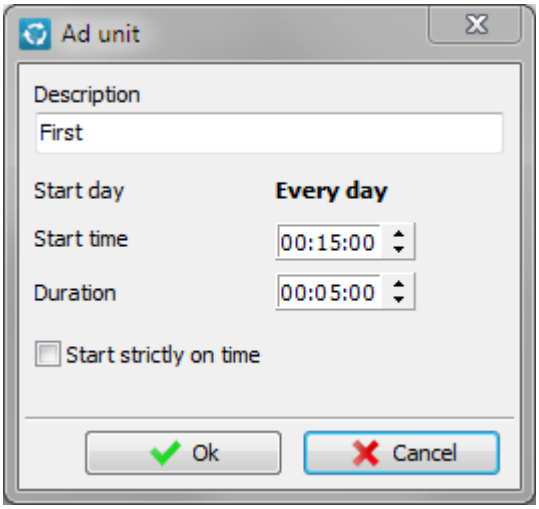
Remove ad unit

Allows to remove ad unit.

Edit ad unit

Allows to edit ad unit, the Ad unit window will be opened.

5.2.4.1 Ad unit



The form for editing of ad unit.

Description

Description of ad unit.

Start time

Start time of ad unit.

Duration

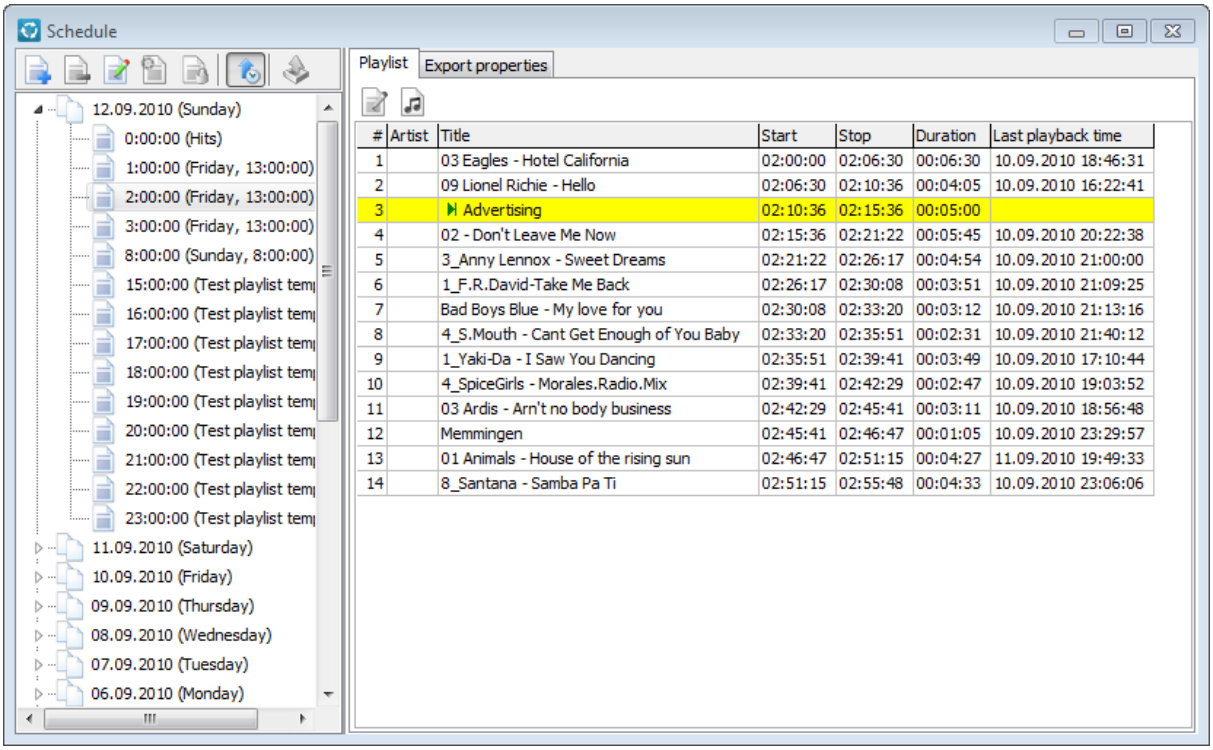
Duration of ad unit.

Start strictly on time

Set this option if you want that ad unit started strongly at the specified time, otherwise it will start immediately after the end of the clip playing at this time.

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5.2.5 Schedule



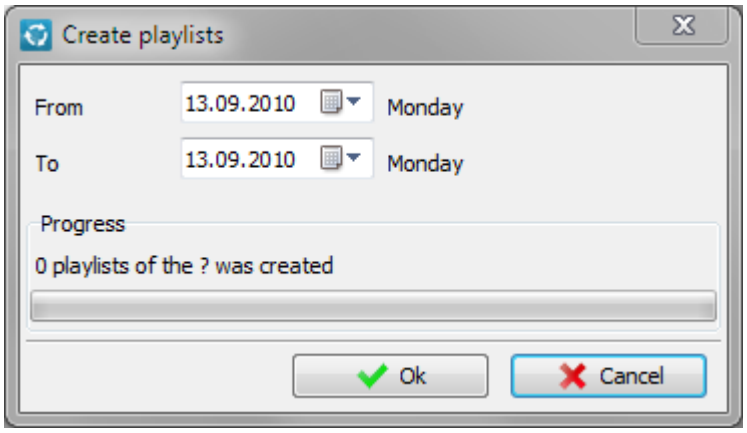
The window for creating, editing, export of the final broadcast schedule. In the left pane are ready playlists grouped by day. The contents of selected playlist are shown in the right pane.

Toolbar for list of days



Create playlists

Create playlists for a day or range of days based on broadcast and advertising grids. The following window will be displayed:



Where you must to specify the desired time interval for playlists generation.



Remove playlists for day

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Allows to remove playlist for selected day.

Edit playlist

Allows to edit selected playlist. The Edit playlist window will be opened.

Recreate playlists for day

Allows to recreate the playlists for the selected day or range of dates. **Warning! Playlists recreation in the middle of the created playlists, may violate the correctness of clips rotation in the subsequent ranges. Strongly recommend recreate as all the subsequent playlists.**

Protect all playlists to the current

Sets the protection on all playlists, from earliest to current. Protected playlists can not delete or modify.

Sort: Newest first

In this mode, the most recent playlists are displayed at the top.

Export playlists for day

Playlists export window will be opened.

Toolbar for selected playlist

Clip properties

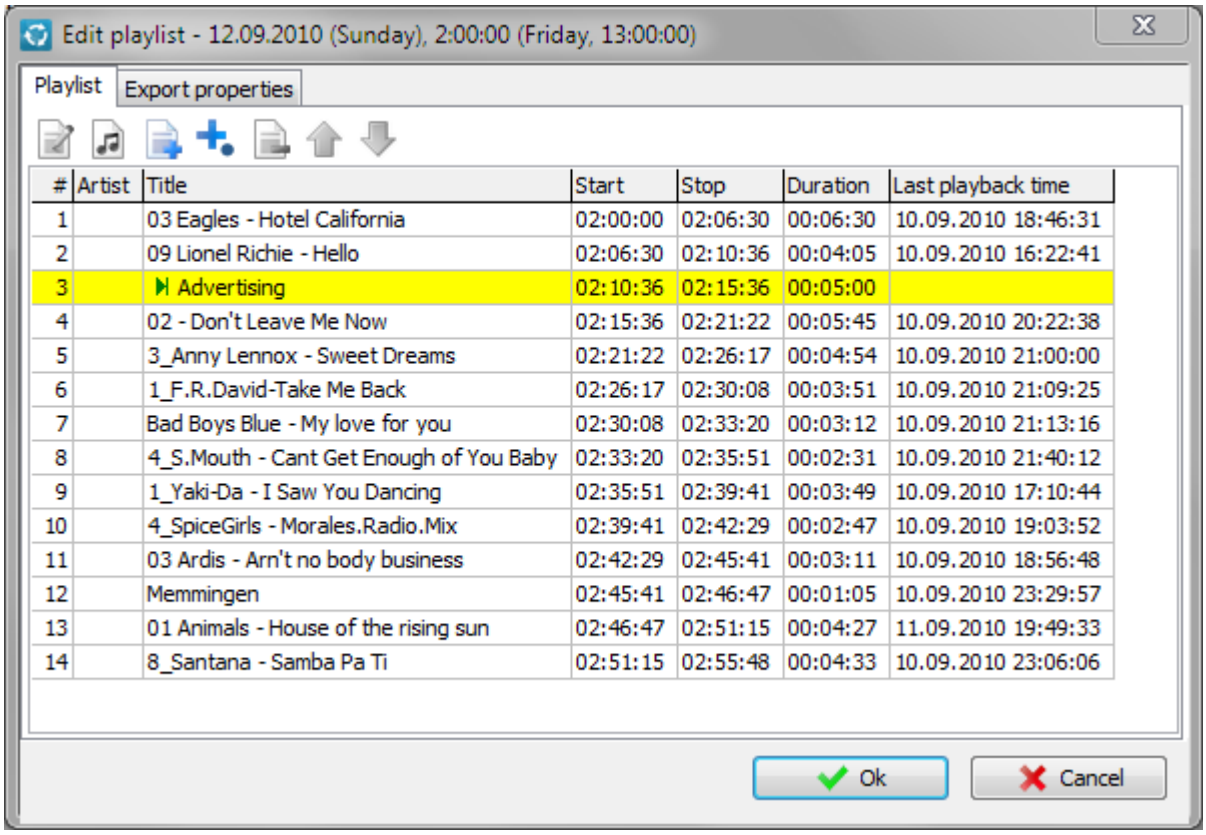
View of selected playlist properties.

Play clip

Allows to play selected clip.

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5.2.5.1 Edit playlist



#	Artist	Title	Start	Stop	Duration	Last playback time
1		03 Eagles - Hotel California	02:00:00	02:06:30	00:06:30	10.09.2010 18:46:31
2		09 Lionel Richie - Hello	02:06:30	02:10:36	00:04:05	10.09.2010 16:22:41
3		Advertising	02:10:36	02:15:36	00:05:00	
4		02 - Don't Leave Me Now	02:15:36	02:21:22	00:05:45	10.09.2010 20:22:38
5		3_Anny Lennox - Sweet Dreams	02:21:22	02:26:17	00:04:54	10.09.2010 21:00:00
6		1_F.R.David-Take Me Back	02:26:17	02:30:08	00:03:51	10.09.2010 21:09:25
7		Bad Boys Blue - My love for you	02:30:08	02:33:20	00:03:12	10.09.2010 21:13:16
8		4_S.Mouth - Cant Get Enough of You Baby	02:33:20	02:35:51	00:02:31	10.09.2010 21:40:12
9		1_Yaki-Da - I Saw You Dancing	02:35:51	02:39:41	00:03:49	10.09.2010 17:10:44
10		4_SpiceGirls - Morales.Radio.Mix	02:39:41	02:42:29	00:02:47	10.09.2010 19:03:52
11		03 Ardis - Arn't no body business	02:42:29	02:45:41	00:03:11	10.09.2010 18:56:48
12		Memmingen	02:45:41	02:46:47	00:01:05	10.09.2010 23:29:57
13		01 Animals - House of the rising sun	02:46:47	02:51:15	00:04:27	11.09.2010 19:49:33
14		8_Santana - Samba Pa Ti	02:51:15	02:55:48	00:04:33	10.09.2010 23:06:06

In this window you can edit a playlist.

Playlist tab

Toolbar

Clip properties

Shows the properties of the selected clip.

Play clip

Allows to play selected clip.

Add clip

Allows to add new clip to the playlist.

Add an ad unit

Allows to add an ad unit to the playlist.

Remove Clip / Ad unit

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Allows to delete the selected clip or ad unit from the playlist.

Move up

Allows to move selected clip or ad unit up.

Move down

Allows to move selected clip or ad unit down.

Table columns

#

Serial number of record in the table.

Title

Clip title.

Start

Start clip playback time.

Stop

Stop clip playback time.

Duration

Duration of clip.

Last playback time

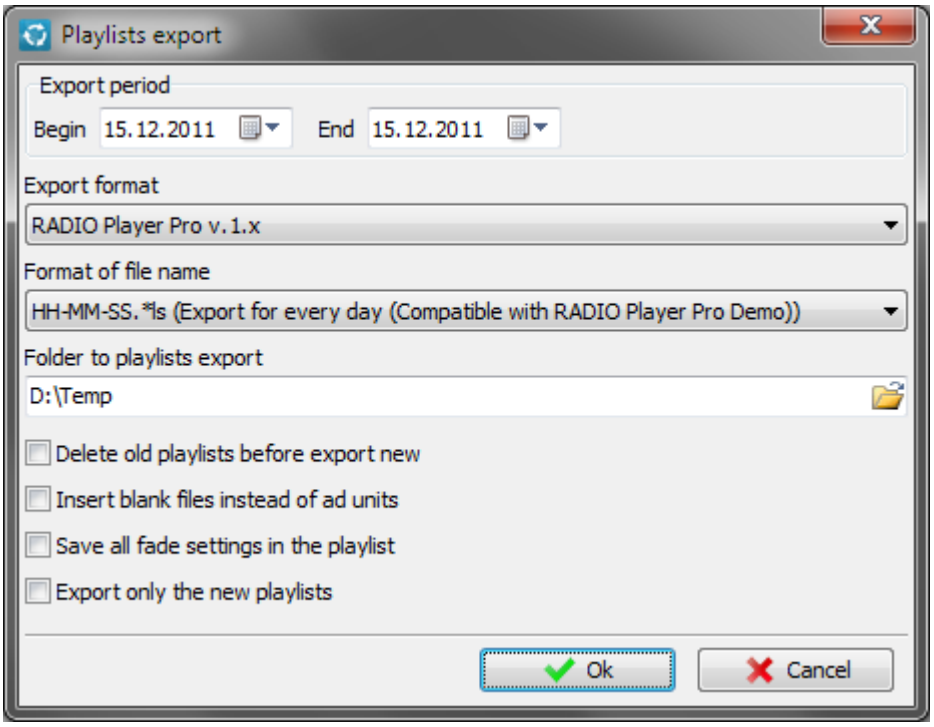
Date and time of previous clip playback.

Export properties tab

Playlist properties, which will be set by playlist export for the Radio Player Pro program from RADIO Studio Pro series. Description of these properties can be found in the reference manual for this program.

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5.2.5.2 Playlists export



In this window parameters for export of playlists are set.

Export period

Set desired export period there.

Export format

Set the export format there. For example RADIO Player Pro v.1.8, Winamp, etc.

Format of file name

In this format playlist export files will be named.

Folder to playlist export

Specify in what folder playlists will be exported.

Delete old playlists before export new

Delete old playlists before export new.

Insert blank files instead of ad units

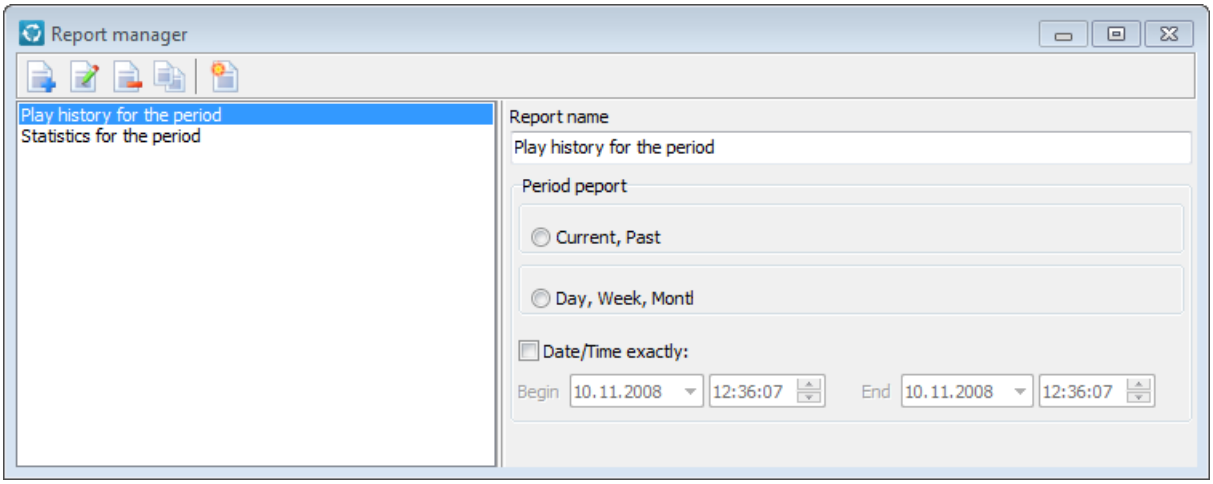
Check this box if you want the empty file name will be added to the playlist instead of the ad unit, otherwise in the playlist will not be added any information instead of the ad unit.

Save all fade settings in the playlist

Only for RADIO Player Pro. Check this box if you want to export all fades features in the playlist without their names, otherwise only fade names will be exported.

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5.2.6 Report manager



The window for creating reports.

Toolbar

Add report form

Allows to add a new report form from the list of available templates. Now it is:

- Play history for the period
- The list of published compositions (Belarus)
- Statistics for the period

Edit report form

Opens a report designer that allows you to modify the current reports form. More details about the possibilities of the report designer can be read in the specialized reference manual.

Remove report form

Allows to remove the selected report form.

Clone report form

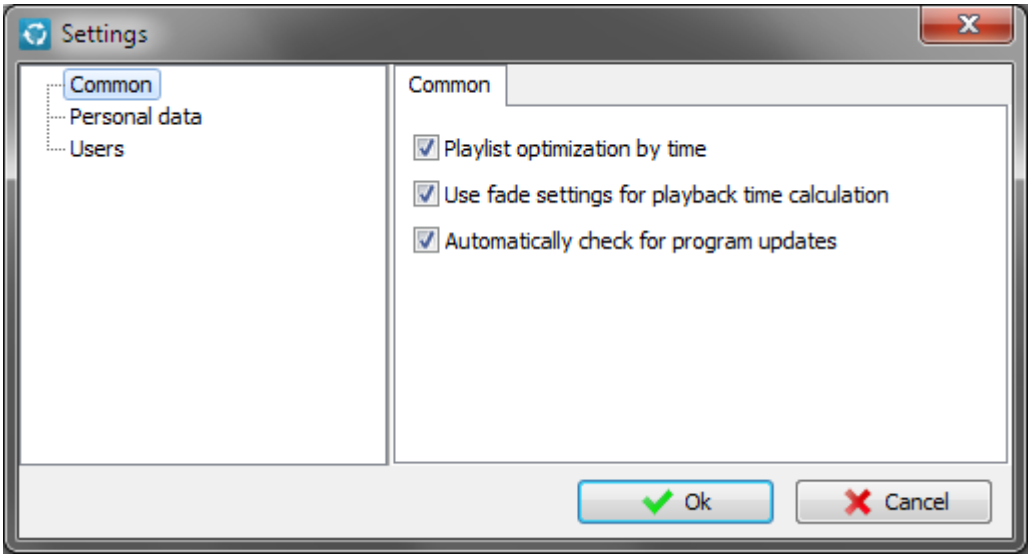
Creates a copy of the report form.

Create report

Creates a report with the specified characteristics.

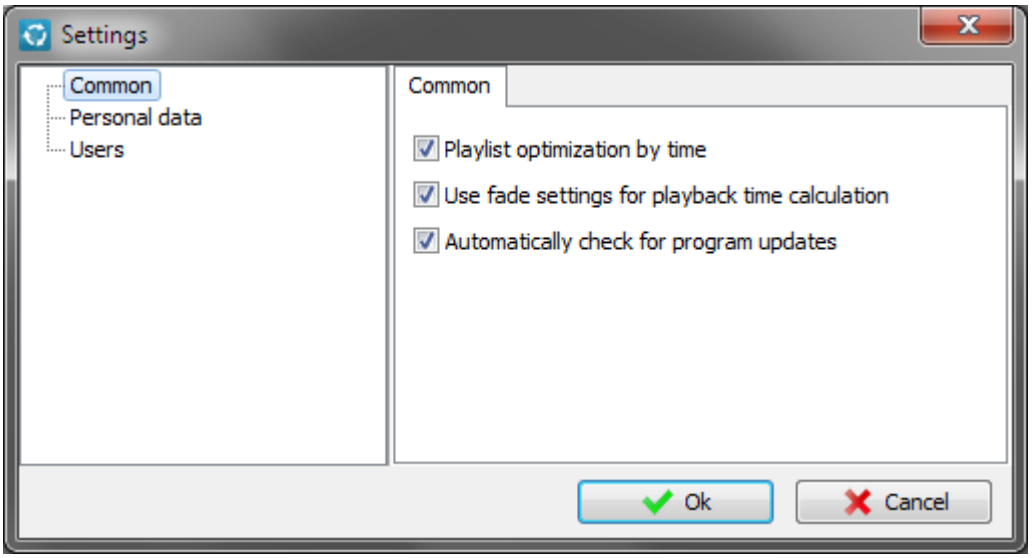
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5.3 Settings



Window for viewing and modifying application settings. In the left pane are types of settings, on the right - the panel to set the settings of this type.

5.3.1 Common



Playlist optimization by time

If you enable this mode, the total duration of clips in playlist will be fit by playlist time. As a result, the not most long time ago played clips may be included in the playlist. For the off mode clips fitting for the playlist duration is not made, however only the most long time ago played clips will be included to the playlist.

Use fade settings for playback time calculation

If you enable this mode, the duration of clips will take into account the parameters of the initial and final fade of the clip. The resulting length of the clip will be calculated by the formula:

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Resulting duration = Duration of the clip - Start of initial fade - Mix start of final fade

Automatically check for program updates

If you enable this mode, the program once a day will check for updates.

5.3.1.1 Debug

The debugging mode is designed to obtain additional information on an error that has occurred for sending to the developer.
It is not recommended to enable debugging in normal operation mode.

If an error occurs, the program will offer to enable debugging in settings and an additional option if necessary.

☑ **Enable debugging**
On/Off display of debugging information in error windows.

☑ **Debug timers**
Enabling debugging for timer procedures

☑ **Debug threads**
Enabling debugging for procedures running on threads

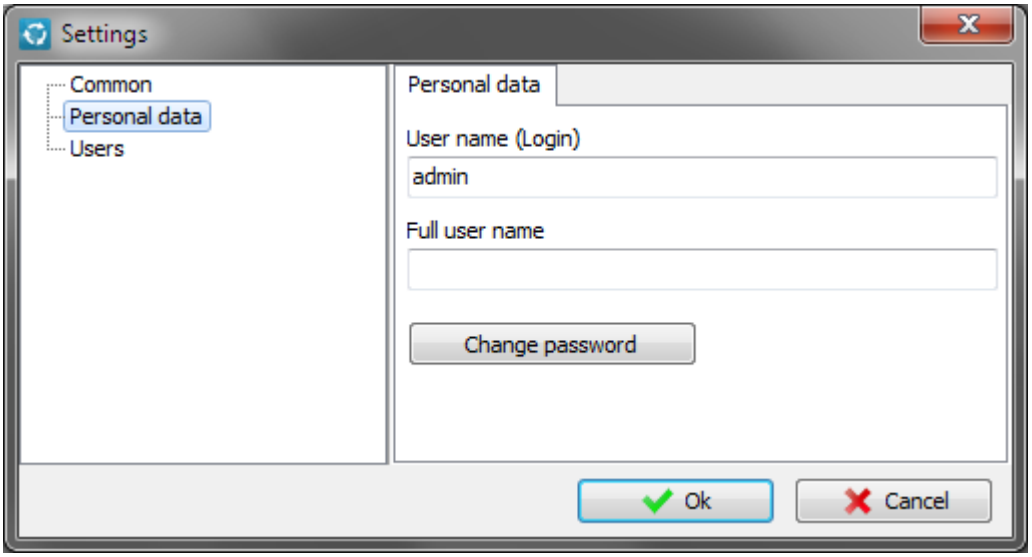
☑ **Restore debugging options on application restart**
If the parameter is disabled, then after restarting the program the debugging mode will be turned off

Command line options

Three options are supported for launching an application with debugging enabled.
/Debug - Enable debugging
/DebugTimers - Enable debug timers.
/DebugThreads - Enable thread debugging.

Example: Application.exe /Debug

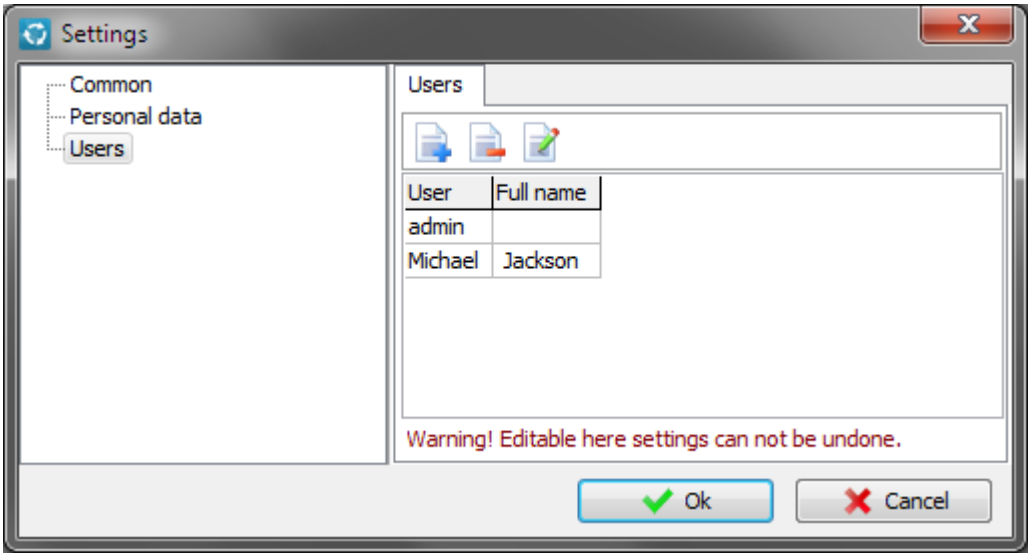
5.3.2 Personal data



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Here you can set your personal data and change the password to log into the program.

5.3.3 Users



You can add, delete user and edit his personal data.

5.3.4 General restrictions



Here you can add or remove general restrictions. A general restriction is a clip template. All playlists generated by the program must satisfy the general restrictions. For example, if you need the same artist to be played no more than once every three hours, add a restriction: "Artist name played not less than 03:00:00 ago". If you need to exclude clips older than the year 2000 (inclusive), add a restriction: "Year less than 2000". You can also exclude a specific artist, clip, genre, etc.

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Registration / Purchase

6 Registration / Purchase

Actual information on the cost and the license purchase procedure is available on our website.

Use this link to open our RADIO Studio Pro Home page.

6.1 Demo restrictions

RADIO Rotator Pro - Manual works in a demonstration mode until activation key is present.

After registration all restrictions will be removed.

In the demo there are some restrictions

1. Ability to create no more than 10 templates of clips.
2. Ability to create no more than 10 templates of playlists.
3. Ability to create and store the schedule no more than 20 days.
4. "Autologon" option is not available.
5. The import/export database is not available.

The remaining features are presented without any restrictions.

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7 Contact information

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