OAS Playout Users Guide

V2.1

July 2021, by Jon Bird

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1 INTRODUCTION

Welcome to OAS Playout – a comprehensive digital audio player designed for the seamless cueing and playing of digital music files held on a computer system (mp3). It also has dedicated support for additional audio media such as may be utilized on a radio station – jingles, advertisements and other small sound 'bites'.

This manual provides a step-by-step guide to using and getting the most out of the OAS Playout system. The intent of this guide is not to provide information on every aspect of the package – the online help will provide information on all the options and capabilities of the package. Instead, the aim is to provide a more readable guide to using the system, starting from the basics and working forward covering aspects of both packages – Playout and Playout Manager.

This manual was written based on OAS Playout v4.0 – most screen shots are taken from this release. Later or earlier versions may differ slightly.

1.1 Assumptions and Constraints

Some familiarity with digital music held on computer systems is assumed, as is the ability to create these files – into MP3/WAV formats etc. This can be accomplished by 'ripping' CDs into this format (using third party software) or downloading the content directly from an online source eg. the *Amazon* music store. In the latter instance, you need to be careful that the audio format is compatible with OAS Playout and is not <u>DRM protected</u> (many files from iTunes fall into this category). Playout supports a multitude of audio formats including MP3 and Windows Media (WMA).

If the intent is to use the package on a radio station, access to station jingles or similar audio in this format would also be extremely useful. These will also need to be held in a compatible digital format however they probably will not be taken from a CD but recorded somewhere into this format – this manual does not cover how to convert them into this format or record them but simply assumes you have access to them in a computerised format.

A certain amount of experience with using the Microsoft Windows operating system is also assumed – being familiar with using the mouse and general usage of the Windows controls. An understanding of navigating the file system using Windows (or *File*) Explorer (or My Computer) is required in order to understand some of the more advanced aspects topics introduced later in this manual.

1.2 Where to start

Playout should be installed onto your system, by default into the standard installation path of $C:\Program Files OAS Playout (x86)$ unless this was changed during the installation process. Registered users need to have obtained a license code and unlocked the software in accordance with the license agreement displayed during installation.

It is assumed at this point none of the other default settings have been changed – moving of the Playout Database, changing of default preferences etc. – whilst it is not mandatory that this is the case it is certainly helpful with regard to following this manual.

The next step on installation is to follow and try out the basic steps given in the *Quick Start* Guide - a shortcut to this is on the desktop after Playout has been installed. This will go through an initial step by step process of creating a simple file structure, copying audio files and loading the music into the Playout system and give a good starting point in order to begin using the system. Then proceed with the following sections of this guide.

2 GETTING STARTED WITH PLAYOUT

The Playout application is the "presenter" side of the package that is in a radio environment the software which is used for playing the broadcast audio. The other half of the package, Playout Manager is the "production" side of the package where the audio is loaded, edited and stored into the system.



Playout Overview

Playout is essentially split into two identical Player consoles, in a radio environment each console is routed through a separate sound card on the PC to a fader on the presenter's mixing desk. Therefore, you get two independent audio outputs so that whilst one channel is playing "live" the other may be used to check audio off air (or "pfl"). Using the mixing desk, the channels may also be cross faded and mixed together along with any other audio source.

Each console is further split into a Main Player, Jingle Player and a Button Wall– as represented in the picture above. The Main Players are predominantly used for playing music whilst the Jingle Players for (as the name suggests) jingles, adverts (if you are operating a commercial station) and other small sound "bites". The Button Wall offers a further approach for playing jingles and other short audio clips with the press of click of a single button. Whilst this is the intended use, it is however not enforced and you can also play jingles, adverts etc. through the Main Players.

In the centre of the package are the current clock time and a track history pane which gives a list of the most recently played tracks from either of the Main Players.

2.1 Starting Playout

Playout is started from either the desktop shortcut labelled *OAS Playout* or from the *Start* menu under *Programs, OAS Playout*. Playout is designed to run on a display size of a minimum of 1280x1024 however it can run on screens which offer lower resolutions – down to 1280x768. In this configuration, some features are not available and there are fewer buttons on the Button Wall.



Playout in reduced screen size mode

2.2 Initial Setup

Initially, you will need to assign soundcard(s) to the two players. As mentioned before, Playout is designed to operate two separate audio channels and for this you will need either two separate sound cards or one of the more "professional" varieties which support multiple outputs from a single card. If you only intend to use one channel or only have one sound card you may skip this section as Playout will default to using the card for both channels.

From Playout's main menu, choose the *Settings* then *Sound Cards, Default* option.

Sound Card Assignment	
Player 1:	Player 2:
Primary Sound Driver	Primary Sound Driver 👻
9	
	OK Cancel <u>H</u> elp

Sound Card Settings

By default, Playout automatically assigns both channels to the *Primary Sound Driver*. This is the sound card Windows and all other audio applications will use for playback of audio. In addition, you should also see another item which identifies your sound card and if you have more than one card or multiple channels on a single card, additional entries for those as well. You should assign one of these to each channel of the system. Press *OK* to close the dialog.

Note: If you have sound playback issues, particularly if using a more "professional" sound card (such as one of the M-Audio Delta series) you can opt to use the alternative ASIO driver with Playout. More information is available in the online help on using this feature.

2.3 The Main Player

All music is played out through one of the two Main Players. They operate identically (and independently) so we will only deal with using Player 1 throughout this guide.

Elapsed:	Normal		ining: :00
	*	▶ Play	Stop
× *	Start	Load	Clear
* *	Start	Load	Clear
*	Start	Load	Clear
*	Start	Load	Clear
· · · · · · · · · · · · · · · · · · ·	Clear All	Load	Clear

Main Player Console

2.3.1 Loading Music into the Player

To begin, press the topmost *Load* button on main player 1. You will be presented with the list of tracks you loaded during the *Quick Start Guide*.

e:		Artist:			Search by			Search Mo	de
					Album/Ge	nre		Search	۱
	Title	Artist	Duration	Album	PlayList	Year	Genre	Notes *	Duration:
	Black Burning Heart Black Capricorn Day	Keane Jamiroquai	05:23 05:41	Perfect Symm Synkronized		2008 2001	Rock Pop	AA0CA70C	05:11
	Black Cat	Janet Jackson	04:48	Design Of A D		1995	Pop	Created by Grip	Details
	Black Coffee	All Saints	04:51	Unknown		2004	Unkn		Album: Pop Art: Pel Shop Boys - The Hit
	Black Crow	Jamiroquai	04:04	A Funk Odyssey		2001	Pop	15110514	Year: 2003
	Black dog	Led Zeppelin Texas	04:57	Led Zeppelin IV White On Blon		1997 1997	Pop Rock	15119E14 A70B0D0E	Notes: Main: 01:15,
	Black Eyed Boy Black Eyed Boy	Texas	03:17	The Greatest H.		2000	Rock	F5116E12	Vocals: 1:30
	Black Eyed Boy (Live)	Texas	04:11	Texas - Paris	•	2000	Pop	10110112	Genre
	Black Eved Dub	The Who Boys	03:49	For Mash Get S.		2001	Unkn		Genre
	Black Horse and the Che		02:52	Eve To The Tel.		2004	Folk	BE0A910C	Pop
	Black Is Black	La Belle Epoque	02:51	The Best Disco		1999	Other	ID3G: 12	
	Black Is Black	The Shadows	03:58	Another String		1987	Pop	Created by Grip	

Audio Selector

From here, select the track you wish to play using the mouse and press the OK button. The details of the track will be displayed in the box next to the *Load* button you pressed.



The panel normally contains enough space to display information about the title and artist of the track. However further information can be viewed by using the up and down arrows next to the display to gain information such as the album, track duration and any additional notes which may be held with the track. The border of a loaded play panel is highlighted light blue to indicate a valid track is loaded and ready for playback.

Once a track is loaded into a panel there are three things you can do with it:

- Begin playback of the track by pressing the *Start* button
- Replace the track with another by pressing the *Load* button again
- Blank the panel by pressing the *Clear* button.

2.3.2 Playing a loaded track – the Player controls

Press the *Start* button to begin playback. The track information is copied to the Track Playing Details at the top of the Main Player and the loaded panel cleared ready for a new track to be loaded.



Track Playing Details

Playback starts immediately. As the track progresses, the bars at the top of the panel are updated along with the two time counters – one gives a track elapsed time and the other the track remaining time.

The track details are displayed in a larger panel than when loaded and as with the load panels, further information (if available) can be displayed by using the Up/Down arrows next to the panel.

The panel's controls – *Stop* and *Pause* work in a similar manner to those on a CD player and the colour of the border around the track details gives an indication of the state of the player – in the previous picture green indicates playback is in progress.

Pressing the *Stop* button halts playback and resets the progress bar back to the start of the track.



Stopped playback state

The border of the track details panel changes to red to indicate playback has stopped and what was the Pause button is now labelled as *Play*. To start playback of the same track again, press the *Play* button.

To pause a playing track, press the yellow *Pause* button.

Elapsed:	Normal	Remaining:
Title: Everything Now Artist: Arcade Fire Length: 05:03 Year: 2017		Play

Paused playback state

The border of the track details is now yellow to indicate a paused state and what was the *Pause* button is now replaced with a *Resume* button.

Press *Resume* to re-commence playback.

When a track is paused, its playback position may be altered (similar to a fast forward or rewind) by dragging the track bar (up arrow underneath the progress indicator) with the mouse. When the Resume button is pressed, playback will commence from this new position.

A finer degree of movement may be applied by first moving the mouse over the track bar – a grey dotted border is displayed around it.

│ ·Ò		
Elapsed:	Normal	Remaining: 04:10

Track bar movement

Then use the left and right arrow keys to apply a gradual movement of the track bar.

2.3.3 The Track History Dialog

When a track completes playback, the details are cleared from the Track Playing panel and are copied into the track history dialog. This sits in the middle of the package between the two Main Player consoles.



Track History Dialog

The history dialog keeps a record of the last 6 tracks played by both Main Players (Player 1 and Player 2) with the most recent played track listed at the top of the dialog. The up/down scrollbar next to the dialog may be used to view the older played tracks if desired.

2.3.4 Loading more tracks into the Player

Each Main Player has four identical panels, all of which may have tracks loaded into them ready for playback at the press of a button; tracks may even be loaded whilst another is playing.

-	0	
Elapsed: 01:49	Normal	Remaining: 01:29
Title: New In Town Artist: Little Boots Length: 03:19 Year: 2008		Pause
Title: Suburbia (video edit) Artist: Pet Shop Boys	↑ Start	Load
Title: Tell That Girl Artist: Texas	Start	Load Clear
Title: Runaways Artist: The Killers	start	Load
Title: Can't Cry Anymore Artist: Crow, Sheryl	Start	Load

Therefore, you can queue a few tracks up in advance ready for playback. In addition, you can start playback of any of these tracks by pressing the appropriate *Start* button.

When you press the *Start* button for a given track, all of the tracks in the lower panels are shuffled up by one.



Therefore, in the above example, the track in panel 3 has been started causing the track in panel 4 to be shuffled up by one. Normally you would start at the first panel and load tracks into the lower panels but the choice is yours.

2.3.5 The Multi Play Panel

The bottommost panel is slightly different in that is does not have a *Start* button. This is termed the Multi Play panel because it allows any number of tracks to be loaded into it.



Multi Play Panel

Each time you use the *Load* button next to this panel, a new track is added to the bottom of the list displayed in the panel. Use the up and down arrow keys to scroll down the full list of tracks loaded.

Tracks cannot be played from the multi panel, they rely on being shuffled into a main panel, normally by the act of a prior loaded track completing playback. At which point the track at the top of the list is shuffled into the bottom play panel.

Title: Tell That Girl Artist: Texas	Start	Load	Clear
Rocket - Goldfrapp New In Town - Little Boots	Clear All	Load	Clear

In general, the multi panel is not used in manual operation as it is unlikely you will need or want to load that many tracks in advance. It is more often used when running Playout in *automatic* mode where you wish to play back a number of tracks unattended, this is discussed further in a later section.

Removing tracks from the multi-panel is also slightly different; you first need to highlight the track to be removed by scrolling down the list and clicking on it with the mouse. Then press the *Clear* button to remove it.

The multi-panel also hosts two other items:

- The *ClearAll* button serves to remove all loaded tracks from all the panels and serves as a quick mechanism to blank all the tracks in one go rather than repeatedly pressing the *Clear* button for each.
- The time in green represents the total length of all the loaded tracks in all the panels including the multi-panel and the currently playing track. It decreases in line with the currently playing track.

2.3.6 Cross-fading

You do not have to wait until one track completes playback to start another. At any time, you can press the *Start* button on a loaded panel to initiate playback, at which point playback of the new track starts immediately and the details displayed in the track details pane represent the new track as does the progress bar/elapsed time indicators. Information on the old track is copied to the history dialog. However, the existing track continues to play such that the two tracks overlap, at the same time the old track is gradually faded out until it can no longer be heard. Therefore, you can use a single player to "cross fade" between two tracks. The obvious use for this is to begin playback of a new track as the old one fades out to completion.

If you press the *Stop*, *Pause* or other player control it will only affect the newly loaded track therefore the old track will continue to be faded out regardless. If you start playback of

another track whilst an overlap is in progress, the previously loaded track is stopped immediately and the new one starts. The track being faded out continues uninterrupted. Therefore, you can only have 2 tracks playing at any one time.

2.3.7 Keyboard shortcuts

As you become accustomed to using the players, you may find it convenient to use some of the keyboard shortcuts instead of always relying on mouse clicks. Playout offers two sets of keyboard shortcuts with the Main Players.

Firstly, you can immediately start playback of the next available loaded track in a Main Player by pressing the '1' key for Main Console 1 and '2' for Main Console '2'.

Secondly you can use the spacebar to press any button which has keyboard focus. You may have noticed that as you move the mouse over various buttons, a box is on the button.



Keyboard Focus

The box indicates the button now has keyboard focus and by pressing the spacebar this will have the same effect as clicking on the button with the mouse.

The shortcuts are often useful for performing rapid starting of tracks in a "back to back" fashion, you can start a track quickly with say the '1' key then use the currently highlighted button to begin immediate playback of something else avoiding the delays inherent with moving the mouse and locating the button to press.

2.3.8 The Audio Selector Dialog

The dialog which is displayed when you press the Load button on a panel has been briefly introduced, this section now covers some of the features of the dialog.

itle:		Artist:			Search by			Search Mod	ie
					Album/Ger	hre		Search	
	Title	Artist	Duration	Album	PlayList	Year	Genre	Notes *	Duration:
	Black Burning Heart	Keane	05:23	Perfect Symm		2008	Rock	AA0CA70C	05:11
	Black Capricorn Day	Jamiroquai	05:41	Synkronized		2001	Pop		
	Black Cat	Janet Jackson	04:48	Design Of A D		1995	Pop	Created by Grip	Details
	Black Coffee	All Saints	04:51	Unknown			Unkn		Album: Pop Art: Pet
	Black Crow	Jamiroquai	04:04	A Funk Odyssey		2001	Pop		Shop Boys - The Hits
	Black dog	Led Zeppelin	04:57	Led Zeppelin IV		1997	Pop	15119E14	Year: 2003 Notes: Main: 01:15.
	Black Eyed Boy	Texas	03:09	White On Blon		1997	Rock	A70B0D0E	Vocals: 1:30
	Black Eyed Boy	Texas	03:17	The Greatest H		2000	Rock	F5116E12	
	Black Eyed Boy (Live)	Texas	04:11	Texas - Paris		2001	Pop		Genre
	Black Eyed Dub	The Who Boys	03:49	For Mash Get S		2005	Unkn		Pop
	Black Horse and the Che	KT Tunstall	02:52	Eye To The Tel		2004	Folk	BE0A910C	Рор
	Black Is Black	La Belle Epoque	02:51	The Best Disco		1999	Other	ID3G: 12	
	Black Is Black	The Shadows	03:58	Another String		1987	Pop	Created by Grip *	

The dialog is designed to allow you to very quickly locate and find a desired track. This is important because a radio station may contain a music catalogue of several thousand tracks

and there needs to be a way to find a given track easily. In addition, it allows you to load multiple tracks into the play panels without repeatedly opening and closing the dialog.

2.3.8.1 The track list selector

The bulk of the dialog comprises the track list selector which is a sorted list of all the available music in the playout database. By default, it is sorted alphabetically by track Title and you can use the up/down arrow keys and the vertical scroll bar to navigate down the list.

There is a variety of information held about a track which you can view here – initially the columns on display include the more commonly useful information such as Title, Artist etc. but you can scroll more into view by scrolling the horizontal scrollbar at the bottom of the view.

2.3.8.1.1Re-arranging the view

You can re-arrange the order (and size) of the columns displayed in the view by simply using the mouse to click onto the title bar of the column you wish to move then dragging it to the left or right until it is positioned correctly, then release the mouse button.

	_			
	Duration	Album	PlayList	Year
g Stones	04:10	Steel Wheels		1994
IS	02:47	Now That's W.		2010
is	04:15	Echo		2009

Re-arrange the view

To adjust the width of a column, move the mouse to the space between the column titles until it changes to a black line with two arrows. Then with the left mouse button depressed, drag the column width to the desired size and release the button.

Duration	+++Album	PlayList
04:10	Steel Wheels	
02:47	Now That's W	
04:15	Echo	

Resize a column

2.3.8.1.2Changing the sort order

As previously mentioned, by default the display is sorted by track title, you can however change this by simply clicking on the title of a column you wish to sort by. So, to sort the view by Artist click on the *Artist* title bar and the view will update to reflect this. If you click on a column which the view is already sorted by, a reverse sort is applied. Therefore instead of tracks being displayed from A-Z they will be from Z back to A.

2.3.8.2 Selecting a track

If you select a track – by single clicking on it with the mouse, the track is highlighted with a bar and details about the track are displayed in the panel to the right of the list view.

PlayList	Year	Genre	Notes	Duration:	
	1994	Рор	Created by Grip	03:42	2
	2010	Hits			
	2009	Styles	Track 3	Details	
	2017	Рор	Amazon.com	Album: Tue	sday
	1993	Other	Created by Grip	Night Musi	c Club
	2000	Sound	http://www.th	Year: 1993 Notes: Crea	ted by
		Unkn		Grip	icu by
	2003	Rock	www.simplem		
	2009	Рор	pongo1128	Genre	
		Рор	C:\Program Fil	Other	
	2001	Рор		Other	
		Рор	C:\Program Fil		
	1999	Pop		.	

To load the selected track into a play panel press the OK button.

2.3.8.3 Searching for a track

You can very quickly locate a track by using the Search panels at the top of the dialog.

Title:	Artist:	Search by
(Love Lives In) Strange Places	Ке	Album/Genre

Search Panel

Start by typing in the first few letters of the title or artist of a track you wish to locate and the list view will be scrolled into view the first few tracks, which meet that criteria. It helps if you sort the view to match your search pattern so if you are searching by artist, sort the view by artist. Once you have located a track nearby you can either complete the full artist name to narrow the search or just scroll around the view until you locate the track you are looking for.

You can also search by Album or Genre if required by first pressing the Album/Genre button to the right of the panel.

Album:	Genre:	Search by
The Conver	Texas	Title/Artist

Now you can enter an album or genre to search for. To restore the normal search panel press the Title/Artist button.

2.3.8.3.1Search Mode

If you cannot find the track you are looking for by typing in the first few letters of the Title/Artist (for example if the track has not been entered in an obvious manner or you can't quite remember the full name of the track), you can use *Search Mode* to help locate the track. Search Mode allows you to specify text, which can appear anywhere (ie. not just at the start) in the Title/Artist. A list of tracks meeting the criteria is then displayed.

To use Search Mode, press the orange *Search* button.

:	Search by			Search Mode	2
	Album/Ge	nre		Search	
	PlayList	Year	Genre	Notes *	Duration:
/hites		2003	Рор	www.simplem	03:11
þ		2009	Styles	No Comment	
۱		1999	Dance	http://hello.to	Details

Enter your search criteria in the Title/Artist box and hit the *Go!* Button.

Title:	Artist:	Search by	Search Mode
	beatl	Album/Genre	Go!

Only those tracks containing the text you specified will now be displayed – so in the above example all tracks containing the text "beatl" (as in The Beatles) are displayed regardless of where the text appears in the Artist field (so "Beatles; The" and "The Beatles" are displayed.

Search Mode may also be used to locate specific Albums or Genres by via the *Search By* button in the same manner as performing a simple search.

To exit *Search Mode*, make sure both Title & Artist fields are empty and hit the *Go!* Button again. The full track list will now be available again.

2.3.8.4 Loading more than one track at a time

Up till now, you have invoked the dialog via the *Load* button of a play panel you wish to load a track into. In order to load a track into another panel, say the one below it you would need to press the Load button next to that panel. However, Playout also allows you to load any number of tracks into *consecutive* play panels. By consecutive, this means the next panel below the one which from which you invoked the Load dialog until you reach the multi-panel. Then tracks are just added to the bottom of the multi-panel.

The first mechanism available to achieve this is to *double click* the track you wish to load. Thus, in the following example – the load dialog was invoked from Play Panel 1, the topmost panel.

start	Load Clear	Normal yed:		tle: We Might rangers	: As Well B	e A V	Start
Title:	Categ Artist:	jory: Music		Search by		•	Se
We Might As Well Be Stranger				Album/Ger	nre		
Title	Artist	Duration	Album	PlayList	Year	Genre	Notes
We Might As Well Be S	tr Keane	03:12	Hopes And Fe		2004	Indie	BOOBDDOC
We No Speak Americar	no Yolanda B Cool & D Cup	04:29	Now That's W		2010	Hits	www.hou
We Ride	Rihanna	03:57	A Girl Like Me		2006	R&B	Created by
We Rule The Night	Bon Jovi	04:09	100,000,000 Bo		2004	Рор	www.eMu
We Started Nothing	The Ting Tings	06:22	We Started No		2008	Рор	Amazon.c

When you double click the desired track, the text *Track queued to player* is displayed at the bottom of the dialog to indicate a successful load. If you move the load dialog to one side for a moment to view the main player you will see the track has been loaded into the topmost play panel.

Now, if you return back to the still open load dialog and double click another track, this will be loaded into the next panel down.

In Clear Just Play		↑ Stra Titl	e: We Might angers e: We Want ist: They Mi	A Rock		
Artist:		S	earch by			
They Might Be	Giants		Album/Ger	nre		
Artist	Duration	Album	PlayList	Year	Genre	Ν
Keane	03:12	Hopes And Fe		2004	Indie	В
Yolanda B Cool & D Cup	04:29	Now That's W		2010	Hits	v
Rihanna	03:57	A Girl Like Me		2006	R&B	C
Bon Jovi	04:09	100,000,000 Bo		2004	Рор	v
The Ting Tings	06:22	We Started No		2008	Рор	A
The Ting Tings	04:04	We Started No		2008	Рор	A
They Might Be Giants	02:47	Flood			Unkn	
4 Hero	10:15	Two Pages [C		1998	Drum	F

You can continue to add as many tracks in this manner. On completion press the OK button to load the final track or Cancel to close the dialog without loading any further tracks.

2.3.8.4.1Loading a batch of tracks in one go

You can also queue up any number of tracks into the play panels with a few mouse clicks from the load dialog. Windows controls use a standard mechanism to select more than one item in a list view and Playout is no exception. In brief, you can achieve this using one of two mechanisms. First, single left click the first item you wish to add. Then:

• To select a consecutive number of tracks in the view, press the Shift key down and left click the last item in the list you wish to add.

Title:		Artist:		:	Search by			Search N	1ode
Don'i	t Call Me Baby	Madison Aver	iue		Album/Ge	nre		Sea	rch
	Title	Artist	Duration	Album	PlayList	Year	Genre	Notes	*
	Don't Break My Heart A	Whitesnake	04:03	Best of Whites		2003	Рор	www.simplem	
	Don't Bring Me Down	Black Eyed Peas	03:11	The E.N.D		2009	Styles	No Comment	
	Don't Call Me Baby	Madison Avenue	04:53	Unknown		1999	Dance	http://hello.to	
	Don't Call Me Baby	Voice of the Beehive	03:11	Let It Bee		1988	Altern		
	Don't Cha	Pussycat Dolls & Busta	03:43	Now 62 (CD1)		2005	Рор		
	Don't Cha Wanna Ride	Joss Stone	03:31	Mind, Body &		2004	R&B/		
	Don't Cry	Seal	06:19	Seal Best 1991			Рор	MUSiQ	
	Don't Cry	Guns N' Roses	04:45	Live Era: '87-'9			Rock/		
	Don't Cry [Acoustic]	Seal	06:27	Seal Best 1991		2004	Рор	CF0AB70F	
	Don't Cry [Original Versi	Guns N' Roses	04:44	Use 🎧 ur Illusi		2002	Рор	http://www.21	
	Don't Cry For Me Argent	The Shadows	03:17	The Best of Ha		1994	Рор	Location: ; UP	
	Don't Damn Me	Guns N' Roses	05:18	Use Your Illusi		2002	Рор		
•	Don't Dream It's Over	Crowded House	03:52	Now Thats Wh		1996	Pop		Ŧ

Consecutive multiple selection

• To select an assortment of different tracks in the list view, hold the Ctrl key down and left click the tracks you wish to load.

Title	Artist	Duration	Album	PlayList	Year	Genre	Notes
Don't Break My Heart A	Whitesnake	04:03	Best of Whites		2003	Рор	www.simplem
Don't Bring Me Down	Black Eyed Peas	03:11	The E.N.D		2009	Styles	No Comment
Don't Call Me Baby	Madison Avenue	04:53	Unknown		1999	Dance	http://hello.to
Don't Call Me Baby	Voice of the Beehive	03:11	Let It Bee		1988	Altern	
Don't Cha	Pussycat Dolls & Busta	03:43	Now 62 (CD1)		2005	Рор	
Don't Cha Wanna Ride	Joss Stone	03:31	Mind, Body &		2004	R&B/	
Don't Cry	Seal	06:19	Seal Best 1991			Рор	MUSiQ
Don't Cry	Guns N' Roses	04:45	Live Era: '87-'9			Rock/	
Don't Cry [Acoustic]	Seal	06:27	Seal Best 1991		2004	Рор	CF0AB70F
Don't Cry [Original Versi	Guns N' Roses	04:44	Use Your Illusi		2002	Рор	http://www.21
Don't Cry For Me Argent	The Shadows	03:17	The Best of Ha		1994	Рор	Location: ; UP
Don't Damn Me	Guns N' Roses	05:18	Use Your Illusi		2002	Pop	
Don't Dream It's Over	Crowded House	03:52	Now Thats Wh		1996	Рор	

Location: Alimonalith/incoden incode/music/Danit Call Ma Dahumda

Non-consecutive multi selection

Now, with the mouse cursor over the list view, press the right-hand mouse button until a pop up menu is displayed.

Title	Artist	Duration	Album	PlayList	Year	Genre	No
Black Burning Heart	Keane	05:23	Perfect Symm		2008	Rock	AA
Black Capricorn Day	Jamiroquai	05:41	Synkronized		2001	Рор	
Black Cat	Janet Jackson	04:48	Design Of A D		1995	Рор	Cre
Black Coffee	All Saints	04:51	H			Unkn	
Black Crow	Jamiroquai	04:04	History		2001	Рор	
Black dog	Led Zeppelin	04:57	Mark As Played		1997	Рор	151
Black Eyed Boy	Texas	03:09	Queue		1997	Rock	A70
Black Eyed Boy	Texas	03:17	Clear Entire Playlist		2000	Rock	F51
Black Eyed Boy (Live)	Texas	04:11	Reset View		2001	Рор	
Black Eyed Dub	The Who Boys	03:49	TOT MUSH OCCOM		2005	Unkn	
Black Horse and the Che	KT Tunstall	02:52	Eye To The Tel		2004	Folk	BE0
Black Is Black	La Belle Enoque	02:51	The Best Disco		1999	Other	ID3

From the menu, select the *Queue* option. All the tracks you selected will be added sequentially to the play panels.

There are a number of other (arguably less useful) options you can invoke from this menu; these are fully covered in the online help for Playout.

2.3.9 Normal and Auto play modes

Playout can operate in either a manual (or *Normal*) mode or an automatic (*Auto*) mode. Up till now we have been running in Normal mode, as indicated by the button located at the top of the Main Player.

<u> </u>		
Elapsed:	Normal	Remaining: 00:00
		▶ Play

Normal Mode indicator

Auto mode only has any impact once you start a track playing (by pressing the *Start* button on a Play Panel) and there are other tracks loaded in the Play Panels available when the track

completes. As the playing track completes, typically as it fades out Playout looks for the next loaded track in the Play Panels, starting from the topmost panel and working down to the multi-panel. When it encounters a loaded track, it begins playback, automatically cross fading the tail end of the playing track with the start of the new one.

This allows you to load any number of tracks into the player and have them played out without further interaction.

1 Elapsed: Remaining: Auto 00:04 Be Stranger rtist: Keane Ξ ength: 03:12 ear: 2004 Daur le: We Want A Rock rtist: They Might Be Star

To put Playout into automatic mode, simply click on the Normal button to toggle it to Auto.

Playout in Auto mode

The player controls work the same as in Normal mode – you can stop, pause and resume a track as desired. You can also continue to load tracks into the panels during playback, these will be automatically played out as well. It is also possible to manually start playback of a loaded track at any time, simply by pressing the Start button for the relevant Play Panel.

Playout highlights the next track it will play out by changing the border colour of the panel to yellow (it is normally light blue for a loaded track).

If no more tracks are available for playback, no further action is taken and Playout remains in Auto mode.

3 MANAGING AUDIO IN OAS PLAYOUT

Up until now the principal focus has been on the Playout (presenter side) application based on the music loaded into your database during the Quick Start Guide. It's time now to focus a bit more on how audio is loaded and controlled within OAS Playout. If you are purely a presenter and have no need or interest in this part of the package it's safe to skip to section 4 where we focus again on Playout and handling of jingles & the Jingle Players.

In this section we refer to 'audio' as any sound file to be played by the Playout application – this includes your music and any jingles, adverts or other clips you want to use. Within Playout, audio is categorised as either "Music", such as released singles or tracks from CDs or as "Jingle/Misc" as in "everything else".

3.1 The Playout System

Digital audio files (such as MP3s) are *imported* into the Playout database. This import process is controlled by the Playout Manager application which is also responsible for editing information held about the track in the database. The tracks are then available for selection via the database with Playout itself. *Import* is a little confusing term here because it suggests the music files themselves are stored in the database which is not the case- rather information about the files is held in the database, the most important of which is where the file is found on your disk. Playout does not modify the files in any way and they can continue to be used by any other audio application for playback.

3.2 Data Consistency

Before you load your entire music collection into Playout some thought should be given about maintaining the consistency of the data being entered into the system. How relevant this is will be dependent on your intended usage – if you are a small part time presenter it may not be that important but for a radio station operating possibly thousands of tracks it is vital.

This has already been touched upon in the *Quick Start Guide* but it is worth stressing here – the example given utilises the artist "The Beatles" which can be depicted in several ways:

The Beatles Beatles Beatles; The

You can see the importance of this if you consider the Search capabilities discussed in section 2.3.8.3 since depending on how this information is entered in the database, you may need to enter a search expression starting with either 'B' or 'T' to find tracks by this group. Even worse is having tracks held in the database utilising different variations of the same name – the presenter could easily come to the conclusion a given track isn't available on doing a search for 'B', yielding 5 tracks when in fact the item is under 'T'. You need to come up with a set of naming rules to best suite your station/needs and ensure they are maintained as music is loaded into the system through Playout Manager.

During the import process, Playout Manager provides the ability to modify this information (prior to committing it to the database) however you can also make changes afterwards via the Music Edits tab of the tool.

3.3 Organising your audio media

Playout itself does not care where you physically locate your audio files on the system, they can be scattered across your hard drive in various folders if desired. However, it will significantly make life easier if you adopt some general rules for storing your audio.

Ideally, store your audio under one folder on the system, then within further sub-folders according to the categorisation of that audio – music, jingle, advert etc. You can then generate further sub-folders within these folders if required but the top level categorisation will help significantly when it comes to importing audio into Playout.



Media folder tree

3.4 Playout Manager

Playout Manager is responsible for the overall control and maintenance of the Playout database. It is invoked through either the desktop shortcut or via the *Start, Programs, OAS Playout, OAS Playout Manager* Menu.

asic	c Edit Music Import Jingle/Misc Edit Jingl	le/Misc Import Playlist Managemer	nt Logging	Text Alerts					
:	Search Title:	Artist	:		F	ilter			
	Title	Artist	Durati	Album	Year	Genre	Notes	Highli	Location
	Rise	Gabrielle	08:40	Unknown	2001	Dance		No	\\monolith\ima
	Sexual (thunderpuss 2k mix)	Amber	08:35	Unknown	0	Dance		No	\\monolith\ima
	Waiting for tonight (club mix)	Jennifer Lopez	11:11	Unknown	0	Dance		No	\\monolith\ima
	Just around the hill	Sash	03:48	Unknown	0	Dance		No	\\monolith\ima
	Feel so good (can 7 soul mix)	Sonique	07:55	Unknown	0	Dance		No	\\monolith\ima
	Heat of Asia (ext)	Watergate	05:37	Unknown	0	Dance		No	\\monolith\ima
	resurection	PPK	03:13	murder on the dancefloor	2002	Dance	39116815	No	\\monolith\ima
	point of view	DB Boulevard	03:49	murder on the dancefloor	2002	Dance	39116815	No	\\monolith\ima
	something	Lasgo	03:40	Murder On The Dancefloo	0	Dance	39116815	No	\\monolith\ima
	so lonley	Jakatta	03:35	Murder On The Dancefloo	0	Dance	39116815	No	\\monolith\ima
	true love never dies	Flip & Fill Feat Kelly Llorenna	03:27	murder on the dancefloor	2002	Dance	39116815	No	\\monolith\ima
	who do you love now	Riva	03:22	murder on the dancefloor	2002	Dance	39116815	No	\\monolith\ima
	уоц	S Club 7	06:07	murder on the dancefloor	2002	Dance	39116815	No	\\monolith\ima
	been there done that	Smoke 2 Seven	02:50	murder on the dancefloor	2002	Dance	39116815	No	\\monolith\ima 🔻
	<								+
	Title: Bise			• •			٦		
	Title: Rise	Artist: Gabrielle		- C					
	_								
	Functions:			Genre: Dance	_	-	Album: Unkn	own	- C
	Tag/Metadata			Banda Banda	~	•			
	Track Length:	7							
	08:40 File Check	File state unknown		Year: 2001		🔲 Highli	abt		
						- rigrin	grit	- 2	Help
	() Length	-	Update	Notes:					
			Update File						
			opuate nie	lanc				3	Revert
	H Cue Points								
	H Cue Points	- IS	Filter				Advanced		Update
							Muvanceu	7	opdate
				Location:					
		X Delete		\\monolith\imagefm	-import\io	n/music/da	nce\Gabrielle - Ris	e (mix) mp3	
	🚧 Normalise 👦 🔄 🐄 Undo						nce \Gabrelle - Kis	e (mpc) mp.3	

Playout Manager

Playout Manager provides a series of *Tabs* along the top of the display, each one opening up a different display for performing a different function within the database:

- *Music Edits*: Allows you to change information held about your music tracks and also delete existing tracks from the database.
- *Music Import*: Provides the ability to import new music files into the database.
- *Jingle/Misc Edit*: The counterpart to the Music Edits tab for Jingles and other audio.
- *Jingle/Misc Import*: The counterpart to the Music Import tab for jingles

• *Playlist Management*: Allow the creation and maintenance of *playlists* within the package.

3.4.1 Importing Music – the Music Import tab

From Playout Manager, click on the *Music Import* tab.

ic Edit Music Import Jing	le/Misc Edit Jingle/Misc Import	Playlist Management Logg	ing Text Alerts		
Title	Artist	Album (Genre Import Stat	us	Location
Select All Select None	Title:		File: Items which may be added as a result of	Artist	t
Import Selection: \\monolith\imagefm-import Import Options: Import Disk tree	t\music\ Browse Files Database		as a result of this import: Apply Apply	Album	n 🗸 🗸
Rules: Always re-calculate ler Auto set Start Cue Poi	-	🗲 Update	_	Gen	re

Music Import tab

Loading of music into Playout is designed to be as straightforward as possible. You can organise the folders where you store you music in whatever hierarchy you choose, be it all the music in a several folders or organised by artist/album. Playout Manager will automatically scan entire directory structures looking for music if necessary.

Loading music into the system can be achieved in a number of ways:

- You can import an entire directory structure starting from a named directory. Using this option, Playout Manager will scan the folder and all further sub-folders looking for audio files and making them available for loading into the database.
- You can manually pick and choose any number of audio files from a given single directory. Only these files will then be available for import.
- If you are happy using *Windows Explorer* or *My Computer* you can highlight the files there and then "drag and drop" the files into the import window. Consult the online help for further information on this approach.

The most straightforward approach is to use the directory tree importer.

Either way the approach is very similar. First, locate the *Import Selection* panel and use the *Browse* button to navigate to the folder containing your music.

Select None		
Import Selection:		
\\monolith\imagefm-import\music\		
	🔁 Browse	
Import Options:		
Disk tree Files	Database	
	Text	🔮 Help

Import Selection panel

The folder for import is displayed in the Import Selection panel. It is also saved away with the software so if you keep your music underneath one folder, you only need set this once.

Next, press the *Disk tree* button. Playout Manager will scan the folder specified and any further sub-folders looking for music which is not already in the database. If Playout cannot find any music or any music which is not already present in the database it will display a dialog and no further processing will occur.

OAS Playout Manager	×
No new items to import from current selection	١
ОК Негр	,

If you want to import individual files, instead of pressing the Disk tree button, press the Files button. From there you can select the files you wish to import. Consult the online help for more information on this approach.

If new music is present, it will list the new tracks details in the import window.

Title	Artist	Album	Genre	Import Statu	15			Location
Can't Control	Texas	Jump on Board	Pop	import otata				\\monolith\image
V For Everything	Texas	Jump on Board	Pop					\\monolith\image
Great Romances	Texas	Jump on Board	Pop					\\monolith\image
It Was up to You	Texas	Jump on Board	Pop					\\monolith\image
Let's Work It Out	Texas	Jump on Board	Pop					\\monolith\image
Midnight	Texas	Jump on Board	Pop					\\monolith\image
Round the World	Texas	Jump on Board	Pop					\\monolith\image
Sending a Message	Texas	Jump on Board	Pop					\\monolith\image
Tell That Girl	Texas	Jump on Board	Pop					\\monolith\image
Won't Let You Down	Texas	Jump on Board	Pop					\\monolith\image
•								+
Select All	Title: Can't Control			File: \\mo	nolith \imagefm-import \music	Jump on Boa	rd\02 - Can't Co	ntrol.mp3
	Title: Can't Control		Itom			- 1	rd\02 - Can't Co	ntrol.mp3
Select All Select None	Title: Can't Control			File: \\mo s which be added	nolith \imagefm import \music	Uump on Boa	rd\02 - Can't Co Texas	ntrol.mp3
	Title: Can't Control	1	may as a	s which be added result of		- 1		
	Title: Can't Control]	may as a	s which be added		- 1		
Select None			may as a	s which be added result of		- 1		
Select	usic\Jump on Board\		may as a	s which be added result of mport:		- 1		
Select None			may as a	s which be added result of	Texas	- 1		
Select None	usic\Jump on Board\		may as a	s which be added result of mport:		- 1		
Select Hone Import Selection: \\monolith\imagefm-import\m Import Options:	nusic\Jump on Board\ CBrowse		may as a	s which be added result of mport:	Texas	Artist		·
Select Hone Import Selection: \\monolith\imagefm-import\m Import Options:	usic\Jump on Board\		may as a	s which be added result of mport:	Texas	Artist		
Select Hone Import Selection: \\monolith\imagefm-import\m Import Options:	nusic\Jump on Board\	T * Helo	may as a this i	s which be added result of mport:	Texas	Artist		·
Select Hone Import Selection: \\monolith\imagefm-import\m Import Options:	nusic\Jump on Board\ CBrowse	😭 Help	may as a this i	s which be added result of mport: Apply	Texas	Artist		·
Select None Import Selection: Vmonolith Vimagefm-import Vm Import Options:	nusic\Jump on Board\	😭 Help	may as a this i	s which be added result of mport:	Texas	Artist		·
Select Hone Import Selection: \\monolith\imagefm-import\m Import Options:	nusic\Jump on Board\	🕄 Help	may as a this i	s which be added result of mport: Apply	Texas	Artist		
Select None Import Selection: Vmonolith Vimagefm-import Vm Import Options:	rusic\Jump on Board\ Browse Files Text	😭 Help	may as a this i	s which be added result of mport: Apply	Texas Jump on Board Jump on Board	Artist	Texas	•

Playout will only list new music that is not already in the database so you do have to scan through existing tracks which have already been imported. At this point, the tracks have not been imported into the database; they are presented for information only. In theory all that is required now to complete the import is to press the red *Update* button and the track information will be added to the database.

At this point you may see the relevance of the folder structure identified in section 3.3 since all you need to do initially is set the importer to point to the 'media\music' folder and live it there. All that is required to load new music into the system is to copy your new music into a folder underneath this one, run the Playout Manager music importer and hit the *Update* button.

Before committing the update though it is worth going through some of the options that are available at this point.

3.4.1.1 Reviewing the track details for import

You can review the tracks selected for import by scrolling down the list displayed in the import window. The list utilises a similar layout to that of the Load dialog within Playout itself so you can sort and re-arrange the columns in the same manner – see sections 2.3.8.1.1 and 2.3.8.1.2 for more details.

All the tracks listed have a check box next to them which indicates whether the track will be imported or not when the *Update* button is pressed. You can exclude certain tracks by unticking the box. Alternatively, you can select or de-select all the items by pressing the *Select All* or *Select None* buttons appropriately.

The music importer is fairly intelligent and aside from detecting files already held in the database it also attempts to look for similar tracks which may be duplicates of a file already held in the database – for example an identical filename or another track with a similar artist

or title. If a similar track is detected, Playout utilises a colour coding scheme to highlight this and provides information in the *Import Status* column as to the similarity.

Title	Artist	Album	Genre	Import Status	Location
WEEZER PORK AND BEA	Unknown	Unknown	Unknown		W:\hrock\hroc
📝 What Took You So Long	Courteeners	Top 40 singles	Pop		W:\hrock\hroc
When I'm Gone	Simple Plan	Unknown	Pop/Rock		W:\hrock\hroc
📝 Whiskey In The Jar	Metallica	Garage Inc.	Heavy M		W:\hrock\hroc
Whiteboy	James	Unknown	Top 40		W:\hrock\hroc
Who's Got A Match?	Biffy Clyro	Puzzle	Alternativ	W: Title/Artist similar to 'Whos Got a Match - Biffy Clyro', 'W:\hrock\h	W:\hrock\hroc
📝 Whos Got a Match	Biffy Clyro	Unknown	Other	W: Title/Artist similar to 'Who's Got A Match? - Biffy Clyro', 'W:\hrock	W:\hrock\hroc
Without You	Feeling; The	Join With Us	Pop		W:\hrock\hroc
V Woman	Wolf Mother	Wolfmother EP	Rock	w: Title similar to 'Woman - Neneh Cherry' check artist?	W:\hrock\hroc
Worried About Ray	The Hoosiers	The Trick To Life	Pop		W:\hrock\hroc
Vou Cross My Path	The Charlatans	You Cross My P	Other		W:\hrock\hroc
Vour Love Is A Lie	Simple Plan	Simple Plan	Rock		W:\hrock\hroc
•					4

Tracks highlighted in yellow are those identified which Playout is fairly sure are already in the database – this is where the Artist and Title (or filename) are very close or identical.

Tracks highlighted in light blue are those identified where there is a slight similarity, the Title or Artist are quite close.

If Playout is fairly sure that the tracks are the same it will un-check the import box – this will only happen on tracks highlighted in yellow. Either way it is worth reviewing the files before performing the import to avoid creating duplicates in the database.

3.4.1.2 Altering track information

It is possible to change the information about the tracks – Title, Artist, Album etc. prior to it being loaded into the database – the bottom right of the import tab provides this facility.



These dialogs give an indication on the new information which is about to be added to the database when the *Update* is made. You can at this point correct or change information to ensure it is consistent – see section 3.1 – for example it looks like there are two *Albums* here starting "Long Gone Before Day..." which may in reality be the same album but worded slightly differently. Likewise, the naming convention for the Artists may not be ideal – "The Boomtown Rats" might be better held as "Boomtown Rats".

You do not have to make edits at this point, this information can be changed at a later date if required using the *Music Edits* tab once the update has been made, and it is entirely down to preference as to the approach you wish to take.

3.4.2 Editing Music information – the Music Edits tab

usic	: Edit	Music Import Jing	le/Misc Edit Jingle/N	fisc Import Playlist Managem	ent Loggin	g Text Alerts					
	Search	n Title:		Artist	•:		F	ilter			
		Title		Artist	Durati	Album	Year	Genre	Notes	Highli	Location ^
		Rise		Gabrielle	08:40	Unknown	2001	Dance		No	\\monolith\ima
		Sexual (thunderpu	ss 2k mix)	Amber	08:35	Unknown	0	Dance		No	\\monolith\ima
		Waiting for tonight	(club mix)	Jennifer Lopez	11:11	Unknown	0	Dance		No	\\monolith\ima
		Just around the hil		Sash	03:48	Unknown	0	Dance		No	\\monolith\ima
		Feel so good (can	7 soul mix)	Sonique	07:55	Unknown	0	Dance		No	\\monolith\ima
		Heat of Asia (ext)		Watergate	05:37	Unknown	0	Dance		No	\\monolith\ima
		Portslade Bollox		Terry Garoghan	02:23	Brighton the Musical	0	Come		No	\\monolith\ima
		West St. Wallys		Terry Garoghan	02:10	Brighton the Musical	0	Come		No	\\monolith\ima
		Far out in Stamper	Park	Terry Garoghan	00:59	Brighton the Musical	0	Unkn		No	\\monolith\ima
			ovt. Health Warning	Terry Garoghan	00:24	Brighton the Musical	ō	Come		No	\\monolith\ima
		Groovy Groovy W	-	Terry Garoghan	01:55	Unknown	õ	Come		No	\\monolith\ima
		Hold on	onthing (date call)	Wilson Phillips	04:15	Unknown	0	Pop	vinyl	No	\\fridge\imagef
		Release me		Wilson Phillips	04:50	Unknown	0	Pop	vinyl	No	\\monolith\ima
		Whenever you nee	ed me	T'Pau	04:11	Unknown	1990	Pop	vinyl	No	\\fridge\imagel ~
	•	There is you not		1100	94.11	Chichenn	1000	1 Op	ving.	110	kundge undger
									2		
	Title:	Rise		Artist: Gabrielle		- C					
	Functi	ions:				Genre: Dan		- e	Album: Unkn		- e
	Tene	k Length:	Tag/Metadata			Genie. Dani	ce	- C	Album: Unkno	own	- €
	Inac		File								
		08:40	File Check	File state unknown		Year: 2001		Highlig	t		
										2	Help
		() Length		· · · · · · · · · · · · · · · · · · ·	Update	Notes:			_		
					Update File	ename					Descent
										'	Revert
	I F	+ Cue Points									
	10				Filter				Advanced		Update
			L						. Idianood	1	opuale
						Location:					
				× Delete		\\monolith\impoof		c\dance\Ga	abrielle - Rise (mix)	mn 2	

Music Edits tab

The *Music Edits* tab allows you to change the details of almost every aspect of information held about music held in the database. The online help contains a complete breakdown of things you can change here so this guide will touch on some of the more useful and perhaps less obvious things which can be done on this page. Principally the editor allows you to:

- Change any textual information held about the files –from the obvious Title, Artist and Album information needed by the presenter when using Playout to items such as the Record Label, Publisher and Composer information which may be required for PRS/PPL logging.
- Apply *Normalisation* to files and set the start and end *Cue Points*.
- Delete music tracks from the database
- Update the ID3 tagging information held with the files from the information held in the database.
- Perform general maintenance functions such as checking the files held in the database are still present ie. have not been inadvertently deleted and automatically change the folder paths for any files that have been moved, searching and updating the folder information as required.

3.4.2.1 Setting Normalisation levels

Normalising a file ensures it utilises the full digital range available and helps to ensure the output levels of your files are consistent with each other reducing the need to keep adjusting the input levels on your mixer. Most CD ripping software lets you normalise the music as part of the ripping process and it is highly recommended to normalise to 100% (if you have an

option to specify this value). This will ensure any music software you use to play the audio will benefit from this.

If your ripping software does not have this ability or you have tracks which have not been normalised or not fully normalised, Playout Manager has the ability to perform this process. This works slightly differently from when the file is created because the ripping software modifies the audio file to achieve this. When you normalise with Playout Manager, it scans the file and determines the "boost" factor to apply when the track is played back. OAS Playout will then apply this factor when the track is played. Therefore, this process will only normalise tracks which are used by Playout not other third party software.

3.4.2.2 Changing Cue Points

Cue Points are a series of events which will occur at given intervals throughout a track, Playout holds two cue points for a track:

- The *Start Cue* is the point at which playback of a track commences. Any audio prior to this point in the track will be not be played; Playout will jump straight to this cue point. During the import process, Playout Manager normally sets this to skip any silence that is present at the beginning of a track to ensure that when you hit the *Start* button in Playout, the track starts instantly.
- The *End Cue* point is only used when Playout is in *Auto* mode (see section 2.3.9) and it is the point at which Playout will start playback of the next loaded track such that the two tracks cross-fade (see section 2.3.6). This point is normally set during the import process to be as the track fades out to completion (or immediately at the point the track finishes if it does not fade).

Both these Cue Points may be adjusted using the Music Edits tab via the Cue Points editor. This gives a graphical view of the track and ability to position the cue points anywhere in a given track. It also allows you to reset the points back to their automatically calculated settings.



Cue Points Editor

3.4.2.3 Updating more than 1 track at a time

Most of the things you can change for a single track using the buttons on the edits page can be applied to multiple tracks. This is referred to as *Batched Processing* and is fully discussed in the online help. It typically involves selecting the tracks you wish to change (in a similar manner to loading multiple tracks into Playout – see section 2.3.8.4) then applying the change. This can be from changing textual information such as the *Artist* for a whole set of tracks to such things as Normalising a whole set of tracks or setting the right mouse button over the list view.

1		,				000 0000000 0000
	Careless Whisper		George N	lichael	05:00	80's collection CD#5
(Dance Hall Days		Whang C	hung	03:55	80's collection CD#5
	Caribbean Queen		Billy (Help		80's collection CD#5
	Still Loving You		Scon	Select All		80's collection CD#5
	Suzanna		Art C			Unknown
	I Can Dream About	You	Dan	Delete		Streets of Fire
	I'm So Excited		Point	Delete (File)		Unknown
	Joanna		Kool	Check Files		Unknown
	Karma Chameleon		Cultu			Unknown
	Young Guns (Go F	or It!)	Wha	Tag Update		80's collection CD#4
	Tonight I Celebrate	My Love	Peab	Track Length		80's collection CD#4
	Candy Girl		New	Encoding Info		80's collection CD#4
•		m		Export		
Title:	Dance Hall Days			Сору		- e D
				Normalise		
Functi	ons:			Auto Cue Point	s	Genre: Retro
Trac	k Length:	Tag/Metadata		Path Change		
	03:55	File	File :	Stats		
		Children (Year: 1991

Batched mode operations

4 JINGLES AND OTHER AUDIO

This section covers how to handle all "non-music audio" with the Playout system. Typically, this would include station jingles, adverts, promotions or pre-recorded programmes. Mostly this would be material especially created for your station and as such isn't ripped from commercial CDs. These are often referred to in Playout as "clips".

The first part of this guide covers how to use Playout Manager to load this audio then goes on to using it within Playout itself.

4.1 Manipulating Jingles in Playout Manager

This section discusses the loading and editing of jingles and other miscellaneous audio within Playout Manager.

4.1.1 Importing Jingles – the Jingle/Misc Import tab

The Jingle Importer tab of Playout Manager works in an almost identical fashion to its Music Import counterpart, in many ways it is a little simpler because there is less information to hold about this sort of audio – no artist, album, genre information etc. is needed. In fact only 3 pieces of information are held about this form of audio:

- The *Title* of the clip the name which is displayed in Playout.
- The *Category* of the clip Jingle, Advert etc.
- The location and name of the file

Title	Category	Import Status			Location	
✓ 3 second bed	Jingle				\\monolith\imagefm-import\jim\Jingles\3 second bed.mp3	
🔽 image 'amful' stab	Jingle				\\monolith\imagefm-import\jim\Jingles\image 'amful' stab.mp3	
🔽 image 'bruce springsteenl' stab	Jingle				\\monolith\imagefm-import\jim\Jingles\image "bruce springsteen!"	s
📝 image 'doh' stab	Jingle				\\monolith\imagefm-import\jim\Jingles\image 'doh' stab.mp3	
📝 image 'running away' stab	Jingle				\\monolith\imagefm-import\jim\Jingles\image 'running away' stab.r	
📝 image 'who do you think you					\\monolith\imagefm-import\jim\Jingles\image 'who do you think yo	
📝 image 'you gone we fly you	Jingle				\\monolith\imagefm-import\jim\Jingles\image 'you gone we fly yo	и
📝 image fm whisper	Jingle				\\monolith\imagefm-import\jim\Jingles\image fm whisper.mp3	
📝 image ident - Christopher	Jingle				\\monolith\imagefm-import\jim\Jingles\image ident - Christopher.m	4
📝 image music demo	Jingle				\\monolith\imagefm-import\jim\Jingles\image music demo.mp3	
🔽 image stab	Jingle				\\monolith\imagefm-import\jim\Jingles\image stab.mp3	
music variety 3 second	Jingle				\\monolith\imagefm-import\jim\Jingles\music variety 3 second.mp	Select All
V text 07967 958 019	Jingle				\\monolith\imagefm-import\jim\Jingles\text 07967 958 019.mp3	Select
Title: 3 second bed Import Selection: [\monolith\imagefm=import\jim\ling] Import Options: [] Disk tree [] Eiles [] Files [] [] Files [] [] Files [] [] Files [] [] [] [] [] [] [] [] [] [] [] [] [] [Browse	File:	Category: Jingle	n-import∖jim\lingles\3 second bed.mp3	
Rules:				📑 🔮 Help		
Always re-calculate length						
 Always re-calculate length Auto set Start Cue Point 				of the second se	ato	

Jingle/Misc Importer

The import process works much as before – select the root folder of the path holding your audio with the *Browse* button and press the *Disk tree* button to commence import. However before performing the import, you should select from the Category box which category of audio you are about to import.

Category:
Jingle 🔽
Advert
Jingle
😭 Help

Category Selector

The default database has a couple of categories available – Jingles and Adverts however you can change, delete and add new ones via the *Jingle/Misc Edits* tab which will be covered in the following section.

All the audio you import will be assigned to the category selected prior to performing the import. This can be seen when the list view is displayed after the import – the column labelled *Category* will be set to this for all the items.

Title	Category	Import Status	Location
3 second bed	Jingle		G:\jim\Jingles\3 second bed.mp3
🔲 image 'armful' stab	Jingle	W: Filename identical to \\monolith\imagefm-im	G:\jim\Jingles\image 'amıful' stab.mp3
🔽 image 'bruce springsteenl' stab	Jingle		G:\jim\Jingles\image "bruce springsteenl' stab.mp3
🔲 image 'doh' stab	Jingle	W: Filename identical to \\monolith\imagefm-im	G:\jim\Jingles\image 'doh' stab.mp3
🔽 image 'running away' stab	Jingle		G:\jim\Jingles\image 'running away' stab.mp3
📝 image 'who do you think you	Jingle		G:\jim\Jingles\image 'who do you think you are' stab.mp3
🔲 image 'you gone we fly you	Jingle	W: Filename identical to \\monolith\imagefm-im	G:\jim\Jingles\image 'you gone we fly you dere' stab.mp3
🔽 image fm whisper	Jingle		G:\jim\Jingles\image fm whisper.mp3
image ident - Christopher	Jingle	W: Filename identical to \\monolith\imagefm-im	G:\jim\Jingles\image ident - Christopher.mp3
🔽 image music demo	Jingle		G:\jim\Jingles\image music demo.mp3
🔲 image stab	Jingle	W: Filename identical to \\monolith\imagefm-im	G:\jim\Jingles\image stab.mp3
music variety 3 second	Jingle		G:\jim\Jingles\music variety 3 second.mp3
text 07967 958 019	Jingle	W: Filename identical to \\monolith\imagefm-im	G:\jim\Jingles\text 07967 958 019.mp3
•		III	•

The importer performs a similar range of checks to the Music Importer in terms of looking for similar/identical files and titles and highlighting those items appropriately. All that is required to complete the import process is to review the files to be loaded and press the *Update* button.

Here you may also see the benefit of organising your folder structure in a sensible manner (see section 3.3); by keeping each category of audio in separate folders you can easily import entire folders, assigning them all to a given category in one hit. If jingles and adverts were in the same folder structure you would have to perform two selective imports of the same folder – each time manually excluding those items which did not apply to the current category.

4.1.2 Categories of audio and the Jingle/Misc Edit tab

The *Jingle/Misc Edit* tab is the counterpart to the *Music Edits* tab and since there is less information associated with this type of audio, there is also less information you can change on this page.

	fit Music Import Jingle/Mi	isc Edit – Lingle	/Mise Import Plauli	et Managemen	t Logging T	aut Alarte	
	in music import	oingic.	inise import r idyi	schlandgemen		MCHIOICS	
Sean	ch:						Custom List / Button Wall Builder
	Title		Category	Durati	Notes	Lc	Category / Button Wall:
	image 'armful' stab		Jingle	00:06		N	✓ C Options
	image 'doh' stab		Jingle	00:04		NV.	
	image stab		Jingle	00:03		NV .	Database
	image 'you gone we fly y	/ou dere' stab	Jingle	00:06		NV .	
	image ident - Christopher		Jingle	00:02		NV .	
	text 07967 958 019		Jingle	00:04		NV .	
	music variety 3 second		Jingle	00:08		G	
	image 'bruce springsteenl'	'stab	Jingle	00:07		G	
	image fm whisper		Jingle	00:02		G	Move
	image 'running away' stab	b	Jingle	00:06		G	Down
	image 'who do you think y	you are' stab	Jingle	00:06		G	
	3 second bed		Jingle	00:08		G	🗙 Delete 🖉 Update
	image music demo		Jingle	00:56		G	
4						4	
. 6							
Title	image 'armful' stab		Category:	Jingle	-		
Title	: image 'armful' stab		Category:	Jingle	•		
			Category:	Jingle	•		
	: image 'armful' stab		Category:	Jingle	•	2	
Fu	inctions:	ag/Metadata	Category:	Jingle	•)	
Fu	inctions:	-	Category:	Jingle	•		B Help
Fu	Length: T; 00:06	ag/Metadata	Category:		•	Notes:	B Help
Fu	unctions: Length: Tr	-			-		Belp
Fu	Length: T; 00:06	-		'n			B Help
Fu	Inclions: Length: Tr 00:06 [(\$ Length]	-		'n	▼ (€		B Help
Fu	Length: T; 00:06	-		'n	Update		B Help
Fu	Inclions: Length: Tr 00:06 [(\$ Length]	-		'n			Belp
Fu	Inclions: Length: Tr 00:06 [(\$ Length]	-		'n	Update	Notes:	Help Revert Update
Fu	Inclions: Length: Tr 00:06 [(\$ Length]	-	File state unknow	'n	Update	Notes:	Help Revert Update

Jingle/Misc Edits tab

However, a lot of the key functions you can do with music, you can also perform with this type of audio – this includes normalising clips, setting cue points and performing changes to multiple sets of files.

The editor also provides the ability to change the Category associated with each clip and add, delete and change the category names themselves. To change the category assigned to a jingle, simply highlight the item and choose another category from the *Category* drop down box.

	image music demo	Jingle	00:56	G
•	III			Þ.
Title:	image 'who do you think you are' stab	Category:	Jingle	- 0
			Advert Beds	
Fun	ctions:		Jingle	

Category Selector

Creating new categories is also straightforward, simply type the name of a new category into the selector box and press the Enter key. You are then prompted to confirm the creation of a new Category by this name.

OAS Playout Manager
About to add new category 'Programmes'
Yes No

Click on Yes to create the new category. You can then pick and assign the category from the drop-down list.

4.1.2.1 Managing the Categories

To perform other operations on the categories – changing the names, deleting them from the system etc. you can invoke the Category editor by pressing the 'e' button next to the Category selector.

Category Editor		
Edit: Programmes		
Search:	Modify	
Programmes	Add	
Advert Beds Jingle		
Programmes	Delete	
	<u>R</u> eAssign	
	Check	Help
Used: 1 times		<u>0</u> K

Category Editor

This is a common style of editor used in a variety of places throughout Playout Manager – for example for editing Artist names, Albums and Playlists. The help refers to it as a *Component Editor* since it functions in an identical manner for all of these items – you can find more information on using it by pressing the Help button on the dialog.

It should, for the most part be intuitive – you can modify the name of a category, add new ones and delete existing ones providing they aren't assigned to other audio in the database. You can even perform a process called *reassigning*, where you can change all items which are assigned a given category to another category within a few mouse clicks. Again, more on this is in the online help package.

You can have as many categories in the system as you deem necessary however since they may all be selectable from within Playout it may be best not to have too many to avoid confusing the presenter.

4.2 Jingles in Playout – the Jingle Players

Time to switch back to Playout now and see how this audio is handled within the main package.

There are two independent *Jingle Players*, 1 per sound channel, each located underneath their counterpart Main Player. Located between the two players is the common *Jingle Selector*.



Jingle Player 1 and Jingle Selector

The *Jingle Selector* provides access to all the Jingles and other audio clips for a given Category. The list is sorted alphabetically. To select another category of audio simply pick one from the Category drop down list.

4.2.1 Loading and playing clips

The Jingle Players operate in an almost identical manner to their Main Player counterpart so this will only touch on the key aspects and differences of the players.

Clips are loaded by selecting the desired track in the Jingle Selector with the mouse, then pressing the *Load* button on the appropriate player.



The border of the console is changed to light blue to indicate clips are loaded and available for playback. You can then play the clip by pressing the *Start* button.

Once a track is playing, you can use the top set of controls to stop, pause and resume the clip in a similar manner to the Main Player.

image 'chorus' (3s)			
	Remaining:	00:02	

In a similar vein, the colour of the border also changes to reflect the current mode, green for playback, yellow for paused and red for stopped.
When the clip has completed playback, the console is cleared but it is not added to the history dialog.

You can add as many clips as you like to the player, each time you load a new clip it is added to the bottom of the list.



The time displayed in the box displayed in the bottom left-hand corner gives the total time of tracks loaded in the player.

Clips are played out sequentially ie. the topmost one first, the exception to this is if you use the mouse to highlight a specified clip, it will play out instead – as in the above example the final entry in the list would be played out instead of the first.

The *Clear* button works in a similar manner, first select the clip you wish to remove then press the button to remove it.

The +/- buttons allow you to move clips around the list – the +' button shuffles a clip up whilst the -' moves it down the list.

The Player also has *Normal* and *Auto* modes of operation and you can toggle between modes of operation by pressing the *Normal* button on the console.



When the player is in *Auto* mode, once you hit the Start button (or if a clip is already playing), it will automatically begin playback of the next clip in the list and continue in this manner until manually stopped or the list is complete.

As with the Main Player, the border colour of the console changes to yellow to indicate clips are loaded and available for execution.

An important difference between this and the Main Player is that the Jingle Players will not cross-fade clips, if you start playback of a clip whilst one is playing, the previous one will be stopped immediately and the new one started.

4.2.2 Interaction with the Main Player – auto fading

The Main and Jingle players operate independently – that is you can play audio in the Main Player and the Jingle Player simultaneously. For a given channel (eg. Main Player 1 and Jingle Player 1) the audio output will be mixed together.

You can use the Fade button on the Jingle Player to automatically fade (or "duck") the output volume of the Main Player such that the jingle or clip may be heard clearly over the main music channel – this way you can play a short station ident jingle (or "stab") over the intro of a song. Once the clip (or clips) have completed, the volume level is restored.

The Jingle Players default to performing this auto fade, to disable the feature press the Fade button on the player.



Auto Fade disabled

4.2.3 Loading Jingles – the drag 'n drop way

If you have a degree of experience with Windows, you may have come across the term "drag 'n drop" before. In straightforward terms this is the ability to use the mouse to click on an "item" somewhere on the screen, press the left mouse button and "drag" it across the display before releasing the mouse button ("dropping" it). It's often used to move files or documents around the system.

Playout supports this "drag n drop" approach with the Jingle Selector – to begin with you highlight the clip which is to be loaded in the selector, then hold the left mouse button down and proceed to move the cursor to either of the Jingle Players.



The mouse cursor changes shape during this process. When the cursor is placed over the Jingle Player, release the left mouse button.



The Jingle is now loaded into the player – the same as if you had pressed the *Load* button.

45	
discuss all the issues (2s)	Start
	Load <<
	Clear

Whether you opt to use this approach or stick with the Load button mechanism is entirely down to preference. Some people feel the drag 'n' drop approach is more intuitive and easier to adopt than others.

One of the distinct advantages of this is that the "dropping" of jingles is not limited to the Jingle Consoles; you can in fact drop a jingle into any of the Main Player panels as the following diagram illustrates.



Jingle 'drop' targets

4.2.4 Jingles in the Main Player

The last section touched upon the fact that jingles may also be played in the Main Players – in fact any of the audio available in the Jingle Selector may also be loaded and played by a Main Player. You can either use the drag 'n' drop approach identified in the prior section or they may be loaded using the player's own *Load* button.

Recall the Load Dialog discussed in section 2.3.8 – at the top of the dialog is a drop down list labelled *Category*. By default this is set to Music, giving you access to all the music tracks loaded into Playout. However if you expand this list you will see it also contains the Categories available within the *Jingle Selector* and Jingle Edit tabs of Playout Manager.

1	Audio Selector		ter Paret	
Category:		Music		
			Music	
J	Title:	Artist:	Advert	Se
I			Image Snips	
I	We Want A Rock	They Might Be Giar	Jingle	L c
1	we want A Rock	They Might Be Glar	Sequences	
			Shippets	
1			1	

Category Selector

By selecting a new category, you will gain access to all of the audio stored under that category.

			Categ					-		
Title:		A	artist:			Search by				Search Mod
						Album/Ger	nre			Search
	Title	Artist		Duration	Album	PlayList	Year	Genre	Notes	*
	image 'zebedee'			00:06				Jingle		
	image best in easy listen			00:04				Jingle		
	image fm whisper			00:02				Jingle		
	image ident - Christopher			00:02				Jingle		
	image music demo			00:56				Jingle		
	image stab			00:03				Jingle		
	music variety 3 second			00:08				Jingle		
	philton - appeal to its h			00:04				Jingle		
	philton - eyes of a mad			00:09				Jingle		
	shilton swashy			00-01				Gasta		

You'll note many of the fields are blank since they are not applicable for anything other than music. However you can perform the same set of functions for loading and manipulating audio as you could for the music list.

Whether you use the Main Players to play anything other than music is entirely down to you, some users tend to use the Main Players for all audio playback, ignoring the Jingle Players completely whilst others use it for say Jingles only, using the Jingle Players for advert only playback – it is entirely up to you.

5 CUSTOM AUDIO LISTS AND THE BUTTON WALL

This section discusses the creation of *Custom Audio Lists* which may be used to create specific combinations of jingles and other audio clips and are also used for the *Button Wall* feature.

5.1 About Custom Audio Lists

Custom Audio lists are only used with the Jingles and other miscellaneous audio – that which is loaded and maintained in Playout Manager on the Jingle/Misc tabs. They allow you to create different unique sets of audio selections from any different Category of audio – items in a Custom List can come from any number of categories.

The principal aim is to allow you to create a specific list of commonly used audio which can be accessed quickly and easily by the presenter. For example, you may well have a fairly extensive jingle library, containing multiple idents for all of your presenters – this creates quite a lengthy list of audio under the category "Jingles", of which many may well be totally inapplicable for a given presenter. As a way around this, you could create multiple categories of jingle but a cleaner way is to allow each presenter to create a custom audio list, only including in his or her list the jingles which are applicable to them. They can then navigate and find the jingle significantly quicker when on air.

5.2 Creating Custom Lists in Playout Manager

Custom Lists are created in Playout Manager from the *Jingle/Misc Edits* tab. The editor is displayed to the right of the main jingle list.



Custom Audio List Editor

First, you create a unique name for your list by typing it into the *Category/Button Wall* drop down box, and then press the Enter key to confirm the creation of a new list.

Custom List / Button Wall Bu Category / Button Wall:	uilder	
jon - snippets	•	e

Now you can add any item you choose from the Jingle list by navigating down the list and double clicking the jingle to be added. Each time you do this, the jingle will be added to the custom audio list being created.

jon - snipp	pets	-	
		L.	
-			
	ice springst ining away'		
	o do you th		

You can add as many items as you like to the list and create as many lists as you like. When the list is completed, press the *Update* button to transfer the information to the database.

5.3 Using Custom Audio Lists in Playout

Custom Audio lists are accessed from the Jingle Selector's category drop down.

L	Category	·
9	Jingle	-
j imag imag imag imag imag	J ^e ::jon - jingles1 ::jon - jingles2 ::jon - jingles3	ner' (5s) er th
imag	e ::jon - jingles1 کی e ::jon - jingles2	;)

Custom Lists are always prefixed by a double colon `::' and always follow the main category list in alphabetical order.

Once you select a list, the items will be accessible through the Jingle Selector.

Category	
;jon - jingles1 🔻	
image 'chorus' (3s)	
image stab (3s)	
image fm whisper (2s)	
image ident - Christopher (2s)	Ξ
image 'bleedin obvious' (9s)	
image 'clever man' (6	
image 'david dickinson' (8s)	
image 'geri halliwell' (6s)	
image 'get on wif it' long (19s)	-

Custom lists are not accessible via the Main Players.

5.4 The Button Walls

Playout's *Button Walls* allows for the instantaneous playback of a jingle or other audio clip from a dialog consisting of 10 pre-set buttons (12 if undocked, see 5.5). These run vertically alongside each of the Main and Jingle Players.



The definition of the buttons is taken from a *Custom Audio List* which is selectable from the drop down displayed at the top of the dialog.



Only the first 10 items (12 if undocked, see 5.5) from a cliplist will be displayed in the button wall, therefore the order the items are created in Playout Manager will dictate how they appear on the wall.

To play the audio associated with a button, simply left click the mouse on the relevant button. It's also possible to use a keyboard shortcut in the form of one of the function keys (these are the **F** keys running along the top of the keyboard). Only one of the Button Walls is associated with the keyboard shortcuts at any time – you can determine which one because the button wall will have the associated function key displayed above the button.

F1 image 'chorus' (3s)	image 'charitable cause' (5s)
F2	image 'clever
image stab (3s) F3	man' (6s)
image fm	image 'remove
whisper (2s)	tha supports (бs)
image ident - Christopher (2s)	image 'you love it' (5s)

The *Hotkey Button Wall Selector* (the large blue button underneath each Jingle Player) is used to select which Button Wall has the function keys assigned – the following shows the default configuration where the function keys are assigned to Button Wall 1.

F9 image 'get on wif it' long (19s)	+ - ← HotKeys	Hotkey B	+ - image 'im the cleaner' (5s)
F10 image 'bruce springsteenl' stab (7s)			image 'grime under the taps' (5s)
Fade			Fade

In order to switch the assignments to the other Button Wall, press the *Hotkey Button Wall Selector* adjacent to Button Wall 2 (labelled Hotkey Button Wall 2).

The button wall also supports an auto-fade function which operates identically to its Jingle Player counterpart (see section 4.2.2). Playback of all 3 players simultaneously is supported, however the auto fade feature will only fade the Main Players volume ie. the Button Wall will not fade the Jingle Player and vice versa.

The Button Wall colour scheme can be changed via the *Settings, Button Wall* menu item of Playout – see the online help for more information.

5.5 Moving and Resizing the Button Wall

The width of each of the Button Walls is adjustable which allows you to expand or contract the size of each of the walls (and conversely, expand or contract the size of the remainder of the Playout window). This is accomplished by positioning the mouse between the edge of the Button Wall and the Main/Jingle Players until the mouse cursor is replaced by a double headed arrow.

jon - jingles1 ▼ F1	0
image 'chorus' (3s)	Elapsed:
F2	
image stab (3s) ¢⊨	₽
F3	
image fm whisper (2s)	
F4	

Now press the left-hand mouse button and move the mouse to the left/right – release the button when the size is as required.

Button Wall 1 🗖 🕂	
jon - jingles2 🔹	
F1	
image 'charitable cause' (5s)	
F2	
image 'clever man' (6s)	
F3	
image 'remove tha supports (6s)	

Each button wall is also detachable from the main Playout window allowing you to position it where you like; this can be useful for dual monitor systems where you can move one or both of the Button Walls to the other display. It also allows an extra two buttons to be used (shortcuts via the F11 and F12 keys). This is accomplished by moving the mouse over the title bar; press and hold the left mouse button then drag the window.



Once the Button Wall has been "undocked", it can be moved around the screen and resized as required.

In order to "dock" the Button Wall back with the main Playout window, drag it back towards the left (or right) of the windows and wait for a blue shadow to appear around the Window. At which point, release the mouse button and it should snap back into place.

OAS Playout v4.00	D	
Settings PlayLists	Voicetracking	Refresh Help
Û		
Elapsed:	-	
00-00 2		Auto
.	ove	Î
e cause' (5s)		•
- man' (δs)	Î.	Start
-		
supports (6s)	<u> </u>	Start
-		Juit
ve it' (5s)	^	
-	-	Start
n hees' (5s)		

5.6 Altering Button Wall definitions in Playout

The sets and definitions of Button Walls can be changed through Playout Manager's Custom List editor as has already been discussed however it is possible and often more convenient to be able to change the definitions within Playout such that the presenter can alter them on the fly.

5.6.1 Changing the clip associated with a button

To change the audio assigned to a button, move the mouse over the relevant button and press the RH button.



From the popup menu displayed, choose *Change*. This will display a dialog listing all the audio available for selection into the button.

Title	Category	Duration	-
image 'you love it'	Jingle	00:05	
image 'you will not influence	Jingle	00:12	
image 'zebedee'	Jingle	00:06	
image best in easy listening	Jingle	00:04	
image fm whisper	Jingle	00:02	
image ident - Christopher	Jingle	00:02	
image music demo	Jingle	00:56	
image stab	Jingle	00:03	
image91 atoz and global trotte	Image Snips	02:56	
image92 mike show opener	Image Snips	00:27	
imagefm the sponge	Image Snips	00:02	
imagefm-24-04-2005 jed max	Image Snips	11:48	
imagefm-24-04-2005 philton s	Image Snips	09:39	

Button wall selection dialog

As with many of these styles of dialogs you can sort and re-arrange the available selections to assist in tracking down the clip you wish to associate with the button. Press OK when done.

5.6.2 Creating a new Button Wall Set

To create a new button wall set (in essence a new custom audio list), type the name of the new set to create in the drop down list at the top of the button wall dialog.

jon - jingles4	Elapsed:	
y OAS Playout	a new button wall list named 'jon - jingles4'?	
	es <u>N</u> o <u>H</u> elp	

If you confirm the creation of a new list, a set of blank buttons will be created. From there you can then assign the audio to each button in turn. Note that you must set the buttons in order, you cannot set say button 1 then button 5.

5.7 List Filters

You may notice that any Custom Lists created by the Button Wall (using the process described in the previous section) do not appear in the *Jingle Selector* panel within Playout. This is because; by default, these lists are created such that they are only available within the button wall using a process called *filtering*. The filters within Playout allow you to pick and choose which Categories, Custom Lists and Playlists (which will be discussed next) are visible within various aspects of Playout. This helps prevent there being an excess of items selectable, many of which are redundant in that context, as in this example it is possible to exclude jingle sets which are exclusively for Button Walls from appearing in the Jingle Selector. The reverse also holds true ie. It is possible to exclude custom lists from the Button Walls.

Filters can be adjusted and set within Playout Manager from the *Settings, Filters* menu. Look in the online help under *Filters* for more information.

6 PLAYLISTS

Within OAS Playout, a *Playlist* consists of a list of any audio item that is present in the database, so they can include music, jingles, anything. A Playlist is designed to be a fixed ordered list that is played out in a sequential manner ie. you start from the first item in the list and work through until the list is complete. This is in contrast, to say a Custom Audio List which you can pick items at random from at any time.

You can create and maintain as many Playlists as you like.

Each entry in a playlist has something called a *Play Count* associated with it. Principally this is a counter to indicate whether the item in the list has been played or not. When the list has been created, every Play Count is set to zero(0) to indicate "unplayed". As you use play out each entry in the list, the Count is increased by 1 to indicate "played". The list is deemed complete once all items are "played".

PlayLists can be useful for a number of different scenarios within a radio station but the two most obvious ones are:

• To form a *running order* for the presenter. As a presenter you may be responsible for putting together the music you intend to play during your show. As such, you can create a playlist which lists those songs you intend to play in the order you need to. The software will also give an indication of how long the total duration of the PlayList is. Then, as you run through your show you simply play out the next highlighted track in the list, removing the need to search for and add the tracks from the main music store. This type of playlist probably will just include music rather than jingles or similar (the exception being you may wish to include some sort of pre-recorded "feature" in the list), these will be played out manually at given intervals by the presenter.

A radio station itself may enforce a running order which the presenters should follow, this can be in the form of a significantly larger playlist from which the presenter simply picks the next item from the list and plays it out.

• For *automation* purposes. If you need to have periods of unattended operation, you can create a playlist which Playout will automatically execute, in order to meet this purpose. In this instance, you will most likely want to include jingles (and possibly ad breaks) in the list. You can invoke playback of an automated playlist at any time, restarting the list from scratch (if desired) on completion.

6.1 Creating a Playlist in Playout Manager

Playlists are created and maintained through the *Playlist Management* tab of Playout Manager.

						Text Alerts						
Title:	Artist		F	ilter: Mus	ic	•		(Image Snips 🔹			
ſŢ	ìtle	Artist			Durati	Genre	Yei 🔺	[Title	Duration	Notes	
Ri	lise	Gabriel	le		08:40	Dance	20(belinda carlisle looks like a	00:05		=
Se	exual (thunderpuss 2k mix)	Amber			08:35	Dance	0		on with the music	00:03		
W	Vaiting for tonight (club mix)	Jennife	er Lopez		11:11	Dance	0		life as a sponge	00:03		
Ju	ust around the hill	Sash			03:48	Dance	0		are u there margaret	00:01		
Fe	eel so good (can 7 soul mix)	Soniqu	e.		07:55	Dance	0		most boring link	00:03		
	leat of Asia (ext)	Water	-		05:37	Dance	0		stubble on the mic	00:05		
Po	ortslade Bollox	Terry G	Garoghan		02:23	Come	0		rollar skates	00:03		
W	Vest St. Wallys	Terry G	Garoghan		02:10	Come	0		simon bates	00:06		
Fa	ar out in Stamner Park	Terry G	Garoghan		00:59	Unkn	0		elvis costello has left the b	00:03		
M	loulescombe - Govt. Health Warr	ning Teny 🤆	Garoghan		00:24	Come			norfolk globe strotters	00:52		
	urrent PlayList Default	•	Main		Opti				Playlist Gen	00.07		•
Cur Search:	urrent PlayList Default	m	Main by: Tit				- ·		< <u> </u>	00.07	▼ ∉Ru r	•
	urrent PlayList Default	• @			Opti		Albu _	Mau	Playlist Gen	00.07	✓ FRUT	
	irrent PlayList Default	·'''	by: Tit	tle	Opti	ons	F		Playlist Gen	00.07		
Search:	irrent PlayList Default	·'''	by: Tit	tle Genre	♥ ♥ Year 0	Count 2 2	Albu _	Up Up	e Clear	00.07		
Search:	Irrent PlayList Default Title Title Wherever I Lay my Hat Soul Surfing	۱۱۱ الم	by: Tit Durati 00:08 04:14 04:55	tle Genre Jingle Other Other	● Opti	Count 2 2 2	Albu ^	Mov Up	e Clear	00.07		
Search: 1 2 3 4	Title Title image 'everfasting pen ju Wherever I Lay my Hat Soul Surfing image first up on is dave	TI C C C C C C C C C C C C C C C C C C C	by: Tit Durati 00:08 04:14 04:55 00:08	tle Genre Jingle Other Jingle	▼ Year 0 0	Count 2 2 2 2	Albu Albu You		e Clear n	00.07		
Search: 1 2 3 4 5	Title image 'everfasting pen ju Wherever I Lay my Hat Soul Surfing image first up on is dave Hip Hip Hooray	III Artist Paul Young Fatboy Slim Kid Carpet	by: Tit Durati 00:08 04:14 04:55 00:08 03:38	tle Jingle Other Other Jingle Altem	 ✓ ✓ Year 0 0 2005 	Count 2 2 2 2 2 2	Albu ^ F You Ibizz		e Playlist Gen e Clear h List	00.07		
Search: 1 2 3 4 5 6	Irrent PlayList Default Title Image 'everlasting pen ju Wherever I Lay my Hat Soul Surfing Image first up on is dave Hip Hip Hooray Through the Dark	TI C C C C C C C C C C C C C C C C C C C	by: Tit Durati 00:08 04:14 04:55 00:08 03:38 03:47	tle Genre Jingle Other Jingle Altem Folk	▼ Year 0 0	Count 2 2 2 2 2 2 2	Albu Albu You		e Clear e	00.07	Help	P
Search: 1 2 3 4 5 6 7	Irrent PlayList Default Title Image 'everlasting pen ju Wherever I Lay my Hat Soul Surfing Image first up on is dave Hip Hip Hooray Through the Dark Image 'emporer does not	TI Artist Paul Young Fatboy Slim Kid Carpet KT Tunstal	by: Tit Durati 00:08 04:14 04:55 00:08 03:38 03:47 00:08	tle Genre Jingle Other Jingle Altem Folk Jingle	 ▼ Year 0 0 2005 2004 	Count 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Albu Albu You Ibizz Idez Eye		e Clear e Clear e tist e tist	00.07		P
Search: 1 2 3 4 5 6 7 8	Title image 'everlasting pen ju Wherever I Lay my Hat Soul Suring image first up on is dave Hip Hip Hooray Through the Dark image 'emporer does not I Am A Cider Dinker (Pal	TI Artist Paul Young Fatboy Sim Kid Carpet KT Tunstall Wurzels	by: Tit Durati 00:08 04:14 04:55 00:08 03:38 03:47 00:08 03:05	tle Jingle Other Other Jingle Altem Folk Jingle Come	 ▼ Year 0 2005 2004 0 	Count 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Albu Albu You Ibizz Idez Eye Adg	Delet	Playlist Gen e Weth Segue editor Playlist Import/Export	erators	Help	P
Search: 1 2 3 4 5 6 7 8 9	Title	III Artist Paul Young Fatboy Sim Kid Carpet KT Tunstall Wurzels Roxette	by: Tit Durati 00:08 04:14 04:50 00:08 03:38 03:47 00:08 03:05 03:29	Genre Jingle Other Jingle Altem Folk Jingle Come Pop	 ▼ Year 0 0 2005 2004 	Count 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Albt Albt You Ibizz Idez Eye Adg Loo	Mov. Dow Dow	Playlist Gen Playlist Gen Playlist Gen e Playlist Import/Export HTML Playlist	erators	Phelp Phelp	P
Search: 1 2 3 4 5 6 7 8 9 10	Title	III The second	by: Tit Durati 00:08 04:14 04:55 00:08 03:38 03:47 00:08 03:05 03:29 03:23	Genre Jingle Other Other Jingle Altem Folk Jingle Come Pop Unkn	 ✓ ✓ Year 0 0 2005 2004 0 1988 	Count 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Albı Albı You Ibizz Idez Eye Adg Loo Linc	Delet	Playlist Gen Playlist Gen Playlist Gen e Playlist Import/Export HTML Playlist	erators	Help	P
Search: 1 2 3 4 5 6 7 8 9	Title	III Artist Paul Young Fatboy Sim Kid Carpet KT Tunstall Wurzels Roxette	by: Tit Durati 00:08 04:14 04:55 00:08 03:38 03:47 00:08 03:05 03:29 03:23	Genre Jingle Other Jingle Altem Folk Jingle Come Pop	 ▼ Year 0 2005 2004 0 	Count 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Albt Albt You Ibizz Idez Eye Adg Loo	Delet	Playlist Gen Playlist Gen Playlist Gen e Playlist Import/Export HTML Playlist	erators	Phelp Phelp	

The tab principally consists of:

- A music list (top left), from which you can scroll and search for (by Title/Artist) music to add into the playlist.
- A jingle list (top right), selectable by Category from which you can locate jingles and other audio to add to the playlist.
- The current playlist itself (bottom left) which allows you to create and manipulate playlists.

To begin, you first create a new playlist by typing it into the *Current Playlist* box and pressing the Enter key.

Current PlayList	New Playlist	- 🕒	Main	List
Search:		🏘 Find	by: Tit	le
Title	Artis	t	Durati	Ge

This will create a new, blank PlayList. Now you can begin adding audio to the list. Navigate through either the music or jingle list, then when you locate a track or clip you want to add to

the list, just double click on it with the left mouse button. It will be appended to the bottom of the PlayList.

u	non nayat				LISC	(obe	ions	
0	urrent PlayList New Playlist		e	Main	liet	Onti	ions	
•		m						•
	You Learn		Alanis I	Morissette		03:59	Rock	19
۱	Vake up		Alanis I	Morissette		04:53	Rock	19!
F	Right Through You		Alanis I	Norissette		02:55	Rock	19!
F	Perfect		Alanis M	Norissette		03:07	Rock	19
1	All I Really Want		Alanis M	Norissette		04:45	Rock	19
	Mary Jane		Alanis M	Norissette		04:40	Rock	19

You can carry on adding as many tracks and clips as you like to the list. The dialog at the bottom right of the list will give a running total of the *approximate* duration of the list.

	Title	Artist	Durati	Genre	Year	Count	Album
1	All I Really Want	Alanis Morissette	04:45	Rock	1995	0	Jagged
2	She Hates Me (edit)	Puddle of Mudd	03:27	Рор	2002	0	Come C
3	No Son Of Mine	Genesis	06:34	Unkn		0	Unknor
•							•
				_		14:46	

Use the *Delete* button to remove items from the list.

You can insert items anywhere in the list by first highlighting the item immediately before where you want to add the new item, and then double click the track/clip in the usual manner.

	Title	Artist	Durati	Genre	Year	Count	Album
1	All I Really Want	Alanis Morissette	04:45	Rock	1995	0	Jagged
2	She Hates Me (edit)	Puddle of Mudd	03:27	Pop	2002	0	Come (
3	No Son Of Mine	Genesis	06:34	Unkn		0	Unkno
		Before in	sert				
	Tal	Before in		C	V	Gunt	011
	Title	Before in	Sert	Genre	Year	Count	Album
1	Title All I Really Want			Genre Rock	Year 1995	Count 0	Album Jagge
1		Artist	Durati				
1 2 3	All I Really Want	Artist Alanis Morissette	Durati 04:45	Rock	1995	0	Jagge

After insert.

Press the main *Update* button to save your changes to the database.

6.2 Using PlayLists in Playout

Playlists can be executed manually within Playout (as is the case when following a running order) and automatically with Playout's *automation sequencer*.

6.2.1 Manually loading Playlists

Playlists are only accessible through the Main Player; they appear in the Category list in the *Load* dialog.

Category:	Music	•	
	Music		
	Advert		
	Image Snips		
	Jingle		
	Sequences		
	Snippets		
Duration	PlayList ::: 90's tracks		Genre
Duration	PlayList ::: Default		Genre
03:55	PlayList ::: Housewarming PlayList ::: Nov2017		Brit P.
05:13	i layeise in rioreorr		Pop
03:25	PlayList ::: SeqTest1 PlayList ::: Summer		Pop
04:31	PlayList ::: Test1		
	PlayList ::: Test2		Рор
03:19	PlayList ::: TestShow		Рор
03:30	PlayList ::: xmas		Pop
00:43	Jazz Method For Tenor Saxophone	1992	Gener
04:01	The Definitive Collection	2009	Рор

Playlists appear at the end of the category list and are all prefixed as "PlayList::" followed by the name of the list you created in Playout.

When you select a playlist, Playout will automatically highlight for you the next unplayed item in the list. For a new playlist, this will be the first item in the list.

			B	Category:	PlayList ::: Default		•			
Title:			Artist:		Search b	у			Search Mod	de
Fasc	ination (Radio Edit)		Alphabe	at	Album	/Genre			Search	1
	Title	Artist		Duration	Album	PlayList	Year	Genre	Notes	
1	Fascination (Radio Edit)	Alphabeat		03:02	Now Thats What I Call Music 69		2008	Рор	.::SEEFOUR::.	
2	Misfit	Amy Studt		03:28	Now Thats What I Call Music 55		2003	Pop		
3	If she knew what she wa	Bangles		03:50	Bangles : Greatest Hits		1995	Pop		
4	image least balliscell			00.06				lingle		

Therefore all you need do is to press the OK button to load this track into the player.

The next time a load button is pressed, Playout will highlight the next unplayed track for you to select.

Title:		Artist:		Search by	Search by			Search Mode	
Misfit			Amy Studt		Album/Genre			Search	
	Title	Artist	Duration	Album	PlayList	Year	Genre	Notes	
1	Fascination (Radio Edit)	Alphabeat	03:02	Now Thats What I Call Music 69	Queued	2008	Рор	.::SEEFOUR::.	
2	Misfit	Amy Studt	03:28	Now Thats What I Call Missic 55		2003	Рор		
3	If she knew what she wa	Bangles	03:50	Bangles : Greatest Hits		1995	Рор		_
4	image 'geri halliwell'		00:06				Jingle		
-	IW/www. Do The Oak Oak	E	02.25	NU THE WALL LC HAR 1 27		1007	D		

Playout utilises the *PlayList* column in the selector to indicate the following:

- The text *Played* indicates the track has already been (or is in the process of) played. The number next to this field indicates how many times it has been played normally just the once. The selection is also highlighted green.
- The text *Queued* indicates the track is loaded into a panel ready for play back. The selection is highlighted yellow.

Title:			Artist:			Search by				Search Mode		
If sh	e knew what she wants		Bangles		Albur	n/Genre			Search			
	Title	Artist		Duration	Album	PlayList	Year	Genre	Notes			
1 2	Fascination (Radio Edit) Misfit	Alphabeat Amy Studt		03:02 03:28	Now Thats What I Call Music 69 Now Thats What I Call Music 55	Played 1 Played 1	2008 2003	Pop Pop	.::SEEFOUR::.			
3	If she knew what she wa	Bangles		03:50	Bangles : Greatest Hits		1995	Рор				
4	image 'geri halliwell'			00:06				Jinale				

You are not forced to play tracks from the playlist in the order; you can pick and choose any of them from the list (including those that have previously been played).

You can use the multiple selection techniques covered in section 2.3.8.4 to load as many entries from a playlist as required.

6.2.2 Automation

You can use playlists to support *automation* within Playout. Automation is where tracks, jingles and other audio are played out in a "back to back" sequence by the system without presenter intervention. You can achieve this by putting Playout into *Auto* mode (see section 2.3.9) and manually loading enough tracks from the playlist to support the duration required for automation into the player. When you select more than 1 track in the Load dialog, the panel to the right of the track list gives an indication of the total duration of all the selected tracks.

otes	•	Duration:	
ww.simplem		12:47	
o Comment			
tp://hello.to		Details	
		Multiple Selection	*
IUSiQ			
F0AB70F		Genre	
tp://www.21			
ocation: ; UP			

Load Dialog – total track duration

The figure displayed next to the multi-play panel will also provide this information for all the tracks loaded into the play panels.



However it is by far easier to make use of Playout's dedicated *automation sequencer*. With this, you can leave the loading and playback totally to the system.

The Automation Sequencer only works with playlists that have been pre-prepared with Playout Manager. First, you need to define which playlist(s) are to be used by the sequencer – this is achieved from the *PlayLists, Setup* menu item within Playout itself.

Playlist Sequencer			-
Player 1 👻			
Primary Playlist:		Backup Playlist:	
Default	•	None	•
Prompt	🔽 Loop playlist	Prompt	🗖 Loop playlist
Failover Playlist:	None	✓ Advanced	
	ОК	Cancel	<u>H</u> elp
			and the second sec

Automation Setup

Playout allows for two playlists to be used for automation although in practice you will probably only need to use one except for more advanced capabilities.

Select from the list labelled *Primary Playlist* the playlist you wish to use for automation. If you want the software to automatically play the list again when it completes, check the *Loop playlist* button.

If you want to set a 2nd playlist, select this from the *Backup Playlist*. In this instance make sure you do **not** check the Loop Playlist button for the primary list since this will mean the backup list will never be played.

When done, press the OK button.

To start automation, from the *Playlists* menu choose *Start*. After a confirmation prompt, Playout will enter automation mode on Player 1 – automation is not supported on player 2. Playout then performs the following:

- All of the controls for Player 1 are disabled (greyed out) so the player cannot be inadvertently stopped.
- The player is put into *Auto* mode.
- The next few tracks from the playlist are loaded into the play panels.
- If the player is not currently playing, the next available track is loaded and playback initiated.

A visual indicator of this is displayed just above the History Dialog.



If you have a track playing when automation mode is started, it will continue to play the track ie. it will not interrupt it in any way. If you have any tracks (manually) loaded in the panels, these will be played out first ie. before the next tracks from the automation playlist. Once automation is underway, Playout will continue to load and play tracks unattended, indefinitely if the list is set to loop or until the list has completed.

To leave automation mode, from the *Playlists* menu choose *Stop*. Playback of any (current) track will continue uninterrupted and Playout will remain in Auto mode and continue (if left alone) to play the remaining loaded tracks. However you can choose to clear these and continue normal operation.

The Playlist definitions you entered in the *Setup* box are remember such that all that is required to resume automation is to choose the *Start* menu item again.

6.2.3 More about Playlists

Playlists are a key component within Playout and there are a whole host of powerful things you can do with them which are beyond the scope of this guide – it's worth reading the online Help within Playout Manager to get a feel for some of the things it can do for you. This includes:

- Ability to load playlists from third party applications.
- Automatically to intelligently generate playlists based on a set of specified criteria
- Auto-schedule the playback of playlists
- Use PlayLists to create *Voice-tracked* programmes.
- Export and print playlists

7 LOGGING

Playout provides the ability to create a historical log (within the database) of the dates & times certain types of audio were played out. This can be used for a variety of things such as statistical information on frequency of tracks being played or for PRS/PPL reporting purposes. The logs can easily be manipulated within the Playout Manager tool or exported into a number of different external formats (such as a HTML web page).

Playout supports two distinct types of logging:

- The *Music* log holds the information for all audio tracks held within the Music section of the database. This also includes the playlist (if any) holding the track.
- The *Advert* log is designed to hold the information for audio classed as advertisements; this is a user selected category of audio within the Jingle/Misc section of the database.

7.1 Controlling logging

By default, all logging is disabled, so it must be explicitly enabled through the main Playout application via the *Settings*, *Preferences* menu.

Preferences						
Disable Playlist Updates						
Disable RH Mouse 'Clear Entire Playlist'						
Disable RH Mouse 'Mark Track as Played'						
Enable Music Logging Tracks in History: 6	-					
✓ Enable Track Artwork						
Always revert Load category to this category:						
	_					
	_					
Advert/Jingle Logging: magic roundabout News						
OldJingles Snippets						
✓ Alert if tracks are repeated						
within the time period: 05:00 hrs:mins						
and automatically mark (Playlist) item as played						
and prevent user from playing it						
OK Help						

Preferences Dialog

Check the *Enable Music Logging* box to start logging music from this point on.

Check the *Enable Advert Logging* box to start logging adverts. You also need to select from the drop down list the category into which you classify your adverts. Only audio from this category will be included in the log. The list of available Categories corresponds to those available in the Jingle/Misc section of Playout – see section 4 for more information.

Note: Since Playout is a multi-channel playback system there are a number of rules the software has to perform to determine which player is 'on air' at a given time. For example, if

both players are running, it could well be one is being used for PFL purposes whilst the other is the 'live' one. The logic inside Playout attempts to determine this automatically and whilst generally should give the correct results cannot be guaranteed to do so under all circumstances. There is more information in the help on this.

7.2 Manipulating the Logs

Both the logs can be viewed and managed through Playout Manager's *Logging* tab.

		gle/Misc Import Playlist M	fanagement L	ogging Text Alerts						_
							Log Selection:	Music	•	
	Title	Artist	Durati	Album	Genre	Year	Date	Time	Count	^
1,360	Bohemian Like You	The Dandy Warhols	03:32	Now Thats Wh	Pop	2001	Saturday, 7 October 2017	11:22:41 BST	2	
1,361	Showing Out	Mel & Kim	04:10	Now Thats Wh	Pop	1986	Saturday, 7 October 2017	11:23:54 BST	5	
1,362	The Pretender	Foo Fighters	04:29	Echoes, Silence	Rock	2007	Saturday, 7 October 2017	11:26:08 BST	4	
1,363	Tell Me When	The Human League	04:38	Now Thats Wh	Pop	0	Saturday, 7 October 2017	11:27:57 BST	3	
1,364	Dancing On The Ceiling	The Commodores	04:30	The Definitive C	Pop	2009	Saturday, 7 October 2017	11:30:34 BST	2	
1,365	Don't Stop Movin'	Livin' Joy	03:32	Now Thats Wh	Pop	0	Saturday, 7 October 2017	11:33:26 BST	3	
1,366	New In Town	Little Boots	03:19	Hands	Pop	2008	Saturday, 7 October 2017	11:34:55 BST	4	
1,367	The Last Thing On My Mind	Steps	03:03	Now Thats Wh	Pop	1998	Saturday, 7 October 2017	11:37:01 BST	3	
1,368	Better The Devil You Know	Kylie Minogue	03:52	Ultimate Kylie	Pop	2004	Saturday, 7 October 2017	11:38:11 BST	2	
1,369	King of My Castle	Wamdue Project	03:26	Now Thats Wh	Pop	0	Saturday, 7 October 2017	11:40:21 BST	2	
1,370	Soda Pop	Britney Spears	03:22	Baby One More	Pop	1999	Saturday, 7 October 2017	11:41:55 BST	2	
1,371	I Can't Decide	Scissor Sisters	02:46	Ta-Dah	Pop	2006	Saturday, 7 October 2017	11:44:11 BST	1	
1,372	Paradise City	Guns N' Roses	06:46	Appetite For De	Rock	1999	Saturday, 7 October 2017	11:45:15 BST	2	
1.373	Alone	Heart	03:38	Greatest Hits	Medi	1987	Saturday, 7 October 2017	11:47:42 BST	1	
1.374	U + Ur Hand	P!nk	03:34	I'm Not Dead	Pop	2006	Saturday, 7 October 2017	11:51:21 BST	1	
1.375	Come As You Are	Nirvana	03:39	Nirvana	Pop	2002	Saturday, 7 October 2017	11:51:58 BST	2	
1,376	State of Independence (Si	Donna Summer	05:51	The Donna Su	R&B/	1993	Saturday, 7 October 2017	11:55:02 BST	8	
1.377	If You Feel Like Dancin'	Kool & The Gang	05:04	Kool And The G	Bouti	2009	Saturday, 7 October 2017	11:55:29 BST	2	
1,378	Happy nation	Ace of Base	04:16	Happy Nation	Pop	0	Saturday, 7 October 2017	12:00:45 BST	6	-
•									•	_
	(Refresh	🛜 Clear Lo		ſ					_
	Э	Retresh		^y g						
Filters							Exporters			
🔲 Date Fi	ters 🔲 Time Filters	Day Filters	Playlist Filters:	F	ilter duplica	ates		· · · · · · · · · · · · · · · · · · ·	Help	
From:	From:	Sunday *	* Music **				🖉 HTML			
30/12	/2017 16:42:55		0's tracks	<u>^</u>				r l		
			Default	=			🖺 Text			
To:	To:		Housewarming Nov2017	Selec	t All	Appl	y Naylist	1 4	Update	
	/2017 16:42:55	Thursday N	VOVZU1/			Appi	V Plavlist		opulate	^

The desired log to view is selected from the drop down box in the top right of the dialog.

ient La	ogging Text Alerts						
				Log Selection:	Music Music	-	
)urati	Album	Genre	Year	Date	Adverts/Jingles	Int	~
3:32	Now Thats Wh	Pop	2001	Saturday, 7 October 2017	11:22:41 BST	2	
4:10	Now Thats Wh	Pop	1986	Saturday, 7 October 2017	11:23:54 BST	5	

Each log is presented in chronological order with the most recent entries at the end of the log. The *Music* log provides a full breakdown of Title/Artist/Album along with any Playlist the track was taken from. The *Count* column gives the total number of plays a track has been aired since the start of the log.

You can control the manner in which the log is presented – each column may be sorted by simply clicking on the relevant column name – for example to order by title, simply click on the *Title* column.

The *Filters* dialog at the bottom of the display allows further refinement of the logging view.

Filters				
Date Filters	Time Filters	Day Filters	Playlist Filters:	Filter duplicates
From: 30/12/2017 To: 30/12/2017	From: 16:42:55 To: 16:42:55	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	** Music ** 90's tracks Default Housewaming Nov2017 Requests SeqTest1	Select All Apply

This allows you to specify exactly the information you wish to see in the log. So for example to only view tracks logged between 01/01/08 to 01/02/08, check the Date Filters box, specify these dates and press *Apply*. Each filter is cumulative so if you also are only interested in tracks from this period which were in playlist Default, check the Playlist Filters box, select this playlist and press *Apply*.

The view will now only be showing tracks from the Default playlist between 01/01/08 to 01/02/08.

Since a track may be included in the log several times (as indicated by the *Count* column), you can remove duplicates from the view by checking the *Filter Duplicates* button.

The entire log itself may be cleared by pressing the *Clear Log* button. Press the *Update* button to then commit changes to the database.

7.2.1 Exporting logs

Any log may be exported to the following formats:

- HTML in a table suitable for using on a website or printing
- Text in a tab delimited format suitable for loading into a spreadsheet or another data manipulation programme
- Playlist into a Playout playlist. For example, this could allow the easy generation of a top 20 style playlist based on the most requested/played tracks in a given period.

The log will be exported exactly as it is displayed in the current view, applying any sorting and filtering currently in place. This allows a great deal of flexibility in obtaining the information you need in the desired order & format.

Once you have the data in presented in the correct order, select the desired export format via one of the 3 buttons on the dialog.



You will then be asked which fields to include in the export and which section (all/partial) of the log to include in the export format.

<u>ile E</u> dit <u>V</u> iew Hi	<u>story Bookmarks Tools H</u> elp		
OAS Playout Manage	er × +	- 1 de colleges antes: 2 de la coletta	and a state of the
€ → ୯ ứ	i file:///C:/Users/JON~1.MON/AppData/Loc	al/Temp/OAS5E75.xml ••	• 🛡 🏠 🔍 Search
a Latest Headlines	;		
Count	Title	Artist	DateTime
1	Tongue-Twister	John O'Neil	Saturday, 17 May 2014 10:59:55 BST
2	Fossil Swings	Mark Snow	Saturday, 17 May 2014 11:00:16 BST
3	Who's That Girl?	Eurythmics	Saturday, 17 May 2014 11:01:03 BST
4	Rock Your Body	Justin Timberlake	Saturday, 17 May 2014 11:04:44 BST
5	I Want You Back	Melanie B ft Missy Misdemeanor Elliott	Saturday, 17 May 2014 11:09:06 BST
6	Ain't No Telling	Jimi Hendrix Experience	Saturday, 17 May 2014 11:12:34 BST

See the online help for more detailed information about the exact options available for the exporters and further options which are available within the Logging window.

7.3 Logging Considerations

An important consideration when using logging is that if the original track/advert is removed from the Playout database (by deleting it though the *Music* or *Jingle Edits* dialogs of Playout Manager), the track/advert is also removed from the log. For music this probably isn't really an issue but for the Advert logging it may well be. In general, adverts probably have a limited use within the system and then there will be a tendency to remove them to avoid erroneous playback and more importantly to cut down the amount of ads the presenter has to scroll through within Playout itself. However since this also removes them from the log – which may be required to keep a historical record longer than the life of the advert this clearly causes a problem.

The answer to this is to make use of the *Custom Audio Lists* capability (see section 5) to create an 'active adverts' list and the *List Filters* (see section 5.7) to hide the main advert category from the presenter.

The premise works as follows:-

First, you hide the main *Advert* category from the presenter using the List Filters menu within Playout Manager. This stops any presenter from inadvertently playing ads directly from this list.

Category Filters			
The following categories will be available for selection in the given OAS Playout panel			
Main Player	Jingle Player	Button Wall	
Advert Jingle Image Snips Sequences Snippets PlayList :: Default PlayList :: Test1	Advert Jingle Image Snips Sequences Snippets :: jon - snips :: jon - jingles 1	 x jon - snips x jon - jingles 1 x jon - jingles 2 x beards x jon - jingles 3 x jon - opener x snips - philton 	4 III 4
		Pelp Canc	

Next, you create a new *Custom Audio List* (Playout Manager, Jingle/Misc Edits) and call it something like "Current Ads". You might also want to use the *List Filters* to ensure this list isn't available in the Button Wall to avoid confusion.

Custom List / Button Wall Builde Category / Button Wall:	er	
Current Ads 🗸	e	Options
		Database
	♠	Move Up Move Down

Store in this list only the ads which presenters should be using. The logging will still work in this mode because it is based on the original Advert category.



Custom List 'Current Ads' within Playout

When an ad is no longer required, remove it from the "Current Ads" Custom List ONLY, and do not remove it from the main *Advert* list. It will then remain in the log but no longer be accessible to the presenter for playback.

The actual audio file itself may be deleted outside of Playout if desired; it will have no impact on the logs.

8 DEPLOYING OAS PLAYOUT

This section *briefly* touches on some of the aspects of deploying Playout in a real-world scenario. Up till now it's more or less been assumed that you are running a single instance of Playout on a standalone (single) machine – if you are a free-lance presenter or mobile DJ then you can more or less skip this section since that is your real-world situation. However, Playout is targeted towards a radio station environment and it is highly unlikely that you will be using Playout in this manner – if only in terms of redundancy and disaster prevention (see section 9).

As a minimum you will probably want two machines – one as the main "on air" studio machine, predominantly running Playout and the other in a separate room or studio as a "production" machine, principally running Playout Manager for recording then loading audio into Playout but possibly also as a training facility. These machines will therefore also need to be networked together, with all the issues that can involve.

It's also highly recommended at this point to consider adding a *third* machine to act as a general file server to hold your music and the Playout database. This machine would be dedicated to this purpose and therefore be less susceptible to problems or people inadvertently turning it off or crashing it. Therefore a typical "minimalist" system would look like the following.



There is a "real life" write up of a radio station (RSL) technically managed by OAS which utilises this arrangement which you can read up on at:

http://www.onasticksoftware.co.uk/hrock1-technical.html

8.1 Networking Playout

It's beyond the scope of this guide to cover aspects of setting up your network; really you need the help of someone with experience in this field. This section will cover some of the aspects of running a networked Playout system.

8.1.1 Network Paths

Music held on a networked machine needs to be "shared" out such that other machines can access it. Whether you choose to store your music on the studio, production or a dedicated file server the premise is the same. These shares can be handled in several ways and you need to consider this when importing audio into Playout Manager.

This issue comes into play when you specify the import selection for loading audio within the Music or Jingle Import tabs. Consider for this example, all the music is held on the production computer, in a folder called *C*:*Music*. You can import music on the production PC as follows.

Import Selection:		
C:\Music		
		Browse
Import Options:		
Pisk tree	Files	Database
		Text

However, if you then attempt to play this on the presenter PC, it will fail because the folder *C*:*Music* does not exist on that machine – the path is only relevant on the one machine.

There are two ways around this. In the first instance, specify the machine and share for the music. You can find this by browsing to the *Network* section in the *Browse* dialog.

Browse For Folder	X
Music Import Directory	
D I Computer	
▲ State Network ▷ IN LAPDOG	=
MONOLITH	
▷ 🎍 backups ▷ 🚇 cdrom	
D 👱 data	
▷ 👱 hastrock ▲ 🚇 imagefm	
J.fonts	
arok	· · · · · · · · · · · · · · · · · · ·
Make New Folder	OK Cancel

You will need to navigate down this list to locate the machine holding the music, then its folder. When you click OK, this will be displayed in the tab as \\<computer name>\<share name> for example <u>\\monolith\imagefm\music</u>.

This ensures that the machine hosting the music is referred to exactly by name.

The downside to this is that if someone changes to another path it can be difficult to find the share again, particularly if the users involved do not have too much computer experience. Since it also ties the files to an exact machine, this can be an issue when it comes to how you deal with failures in the system (see section 9).

The second approach is to use the *Map Network Drive* option. For this, you need to use *My Computer* or *Windows Explorer* and activate the *Tools, Map Network Drive* menu item.

🕝 🔏 Map Ne	etwork Drive
	twork folder would you like to map? drive letter for the connection and the folder that you want to connect to:
<u>D</u> rive: F <u>o</u> lder:	V:
	Einish Cancel

Here you can assign a unique drive letter (in the above example V:) to a unique network path. You would need to perform this mapping identically for all machines that need to see the music, however from then on in you can simply import files fromV*I*:*Music*. You need to perform this machine you are running Playout Manager on physically holds the files – ie. the mapping is to the same machine.

This approach is probably easiest to manage – the only minor downside is it does enforce all machines to map to the same drive – lowered drive letters are often used by hardware items like CD-ROMs and additional hard disks, so if you perform a mapping to say drive E: you may find a machine on which this drive letter is already assigned.

8.1.2 Relocating the Playout Database

In a network environment, the Playout Database **must** be moved to a location where it can be accessed by all the machines which need to run Playout ie. on one of the shared paths, probably on the same machine you use to hold the music.

The database is simply a file and can be moved or copied to a new home using *My Computer or Windows Explorer* however you need to then set up Playout to point to the database on each machine in turn.

By default, the database is located in:

C:\Users\Public\Documents\OnAStickSoftware\OAS Playout

The file is named *Audio.mdb*.

You should move or copy this file to the new, shared location on the system. Then on each machine in turn, launch either Playout or Playout Manager.

If you have physically moved the file, Playout will then generate an error message and prompt you to specify the location of the database. If you have simply copied the file and Playout starts normally, from the Settings menu choose the Database option.

Database Settings	
Location of Playout Database: \Public\Documents\OnAStickSoftware\OAS Playout\	🔒 Browse
	🖌 ок
? Help	🗙 Cancel

Use the *Browse* button to navigate to the new location of the database. Click OK to continue. Playout will now start as normal. All instances of Playout will now use this one central database.

As a safety feature, only one instance of Playout Manager is allowed to modify the database at any given time. Playout Manager will still run, but will only work in a "read only" mode, ie. you can view information but not change anything.

9 BACKUPS AND DISASTER RECOVERY

Much has been written about backups, there is a wealth of software out there to achieve this ranging from free up to highly expensive all with degrees of complexity. Despite this, many people do not back their data up reliably and only do so when something bad happens, anything written here is unlikely to change that.

In general, expect the worst and work backwards from there – the worst being your station being struck by lightning and then burning to the ground. Therefore, from this aspect, any "online" backups which you may have (or be relying on) with be gone, so you need something off site ie. away from your main building.

The cost of replacing all the hardware should such an incident occur will hopefully be covered by insurance, what will not be is the time and effort spent ripping and cataloguing all your music. Therefore, this section concentrates on the two key areas of concern – your music files themselves and the playout database which holds the information about them. It also suggests some approaches to dealing with system failures that will almost certainly happen during the lifetime of the station. More specifically it touches on some of the aspects Playout provides to assist in this.

9.1 Hardware 'on air' failures

These can be broadly classed as some sort of failure with the "broadcast" PC, causing loss of the Playout system. Your presenters need to deal with this to keep the station on the air, so keep a stock of CDs to hand such that they can do so. The next port of call is to replace the failed computer in its entirety – if you have the luxury of having a spare then it can be swapped in now. In the "real life" scenario I mentioned in the previous section (<u>http://www.onasticksoftware.co.uk/hrock1-technical.html</u>) we made sure that the production ("off air") PC had the same capabilities as the studio PC, namely dual sound card support. Therefore it could be easily swapped in whilst the main PC is repaired or replaced.

This scenario assumes your audio & database is not held on the main broadcast PC, if it is you'll need to revert to a recent backup copy. It also assumes that the failure isn't some kind of communications problem (ie. network) with the server holding your audio, in which case replacing the PC isn't going to help. We worked around this by storing all the audio on removable hard drives, each machine having a bay where one could be fitted. In the event of failure, a drive could be easily swapped in.

Either way, this raises the next key point – having an onsite *recent* backup to hand.

9.2 On Site Backups

It's highly recommended that you have at least one additional copy of all your audio and the Playout database, on hand and in a form that can be used immediately – eg. A pack of DVD backups does not meet this criteria. The obvious route is to mirror your data onto another (or even several) hard drives. There are several approaches to this – one route which is becoming less expensive is to use a <u>RAID</u> (type 1) system where data is automatically copied onto another disk. The second approach is to run a backup programme at regular intervals (say overnight) to copy the data to the 2nd disk. This approach does have some issues in that you do not want to copy everything across every night (a so called "full" backup) but rather those things that have changed (an "incremental" backup). Make sure that if you employ an incremental backup it not only tracks files which have been added or modified but also files which have been deleted – many backup programmes do not do this.

9.2.1 Playout's Virtual Path Mappings

It is extremely useful to have access to at least 2 "live" copies of your music which can be seen by all of the Playout machines because you can take advantage of Playout's ability to automatically detect and handle failures via its "virtual path maps".

Virtual path mapping allows you to designate an alternate directory structure for Playout to use in the event it cannot access the main path. So for example, if you store your music on a networked folder named *E*: *Music* and a mirror copy is also available on the path *F*: *Music* you can set a virtual path map between the two.

	Virtual Pathnames		
	Virtual Path 1 👻	Enable Mapping	Reversionary
		Map Source Path:	
		\\fridge\imagefm	
			Browse
		To Destination Path:	
		D:\	
A COLORED OF THE OWNER OF THE OWN			Browse
Substitute and	ОК	Cancel	<u>H</u> elp

Virtual Path Mappings

Virtual Path Maps may be set in either Playout or Playout Manager from the *Settings*, *Virtual Paths* menu item. They need to be set per PC you wish to apply the mapping on. Note the checking of the *Reversionary Only* box – this must be set.

With this mapping applied, Playout will if it detects a problem trying to access files on the main (ie. E:*Music*) path, try the reversionary map instead (*F*:*Music*). If this is successful, the track is loaded and the system continues as normal. If repeated attempts to load tracks from the main path fail, Playout will then revert to **only** using the reversionary path. This is because you will begin to notice significant delays in using the package if it continues to access a failed network connection.

This process happens automatically both in manual and automation modes of operation. If it occurs during manual operation, a dialog is generated indicating a problem has been detected. During auto mode, the dialog is only generated when normal mode is resumed ie. the automation sequencer is stopped by user intervention. This is where virtual paths are particularly useful as it allows your system to continue to operate unattended even in the event of failure.

Virtual Path maps can also be used to *temporarily* map folder names in normal use (ie. by leaving the *Reversionary Only* box unchecked), this causes the map to be applied all the time. This may be useful if for example you are running Playout in a different system where the drive mappings or machines are not the same as usual. For more information see Playout Managers on line help.

9.2.2 Backup Hysteris

Whilst having an online backup philosophy is highly recommended, the downside is that if you make a mistake with the Playout database – such as inadvertently deleting a batch of tracks that was unintended, if your live backup (such as using a RAID philosophy) will also apply this deletion. As such its worthwhile making a backup of the Playout database every so often so you can revert back to an older one should such an incident occur. Playout Manager assists with this in that you can automatically make a backup at any time.

From the *Tools* menu, select *Backup Database*. After confirming the backup, Playout makes a copy of the database file. The file will be copied into the same folder as your existing database but renamed with a unique filename which includes the date and time you made the backup.

	_	
Name	Date modified	Туре 🖍
'''_' _4-7-2005_20-56-54_audio.mub	04/07/2005 20:50	IVIICIOSOIL
🐴 _5-1-2003_20-33-26_audio.mdb	04/01/2003 15:07	Microsoft
🐴 _6-3-2003_18-31-11_audio.mdb	06/03/2003 18:30	Microsoft
🐴 _7-9-2003_16-39-41_audio.mdb	05/09/2003 11:45	Microsoft
🐴 _7-11-2005_19-14-1_audio.mdb	07/11/2005 19:13	Microsoft
🐴 _8-7-2004_20-31-3_audio.mdb	08/07/2004 20:30	Microsoft
🐴 _10-5-2005_11-50-20_audio.mdb	04/05/2005 20:04	Microsoft
🐴 _10-12-2004_21-41-54_audio.mdb	21/02/2005 19:00	Microsoft
🕘 _11-4-2004_22-47-12_audio.mdb	11/04/2004 21:47	Microsoft
🐴 _12-2-2007_21-56-39_audio.mdb	06/02/2007 20:04	Microsoft 😑
🕘 _13-8-2006_15-2-34_audio.mdb	08/08/2006 21:23	Microsoft
🕘 _14-2-2004_9-58-28_audio.mdb	14/02/2004 09:57	Microsoft
🐴 _14-11-2003_19-35-25_audio.mdb	14/11/2003 18:30	Microsoft
🕘 _18-2-2006_15-9-36_audio.mdb	15/02/2006 20:54	Microsoft
18-6-2003 21-9-51 audio.mdb	22/06/2003 17:45	Microsoft 🔻

Backed up database files

In order to use an older backup, simply replace the existing database file (*audio.mdb*) with a backup. You will need to shut down all instances of Playout and Playout Manager to perform this operation.

9.2.3 Dealing with database failures

Section 9.2.1 discussed Playout's ability to handle the loss of a file system containing your audio files, by automatically switching to a backup set however the other failure which has not been discussed is the loss of the Playout database itself. It is of course quite likely that you will locate your database on the same machine or disk as your audio therefore if the audio is lost as is the database. At present Playout does not support the switching to a backup database although this may well change in future.

In reality, the database driver is quite efficient at "caching" (keeping a local copy) of the last time the database was accessed, so you (and the software) may not notice an immediate problem when you attempt to access a "failed" database. Where more obvious problems arise is when some kind of update is required – such as when processing a Playlist or you attempt to select a category or list of audio that has not been selected in a while. In normal (ie. Manual) modes of operation, dialogs are displayed alerting you to any sort of problem and at this point you should manually direct Playout to a recent backup of the database in order to continue operation.

In *Automation* mode (see section 6.2.2, as opposed to just *Auto* mode), where the system may well be unattended, Playout supports an emergency mode of operation referred to as the *FailOver mode*. This mode is entered if Playout detects repeated problems trying to communicate with the database, at which point it executes playback of a special playlist known

as the *FailOver Playlist*. When this happens, Playout loads the entire contents of the list into the player and executes it, on completion it loops indefinitely. The intent is to keep playback going until manual intervention occurs and the system is repaired. The *FailOver* playlist will also be executed if the system cannot access *any* of the audio files in the defined automation playlists (even after applying any backup path mappings) – normally a sign of a critical system failure.

Once this mode is entered, you need to shutdown Playout and restart it to resume normal operation.

In order to use this mode, you first need to create a Playlist in the usual manner within Playout Manager. This should have enough audio to sustain the system through the worst case period of unattended operation. Ideally the music should also be stored on the local hard drive of the studio PC such that is has as minimum dependencies on other hardware as possible.

In Playout select the *PlayLists, Setup* menu item.

Playlist Sequencer				
Player 1 👻				
Primary Playlist:		Backup Playlist:		
Default	•	None	-	
Prompt	V Loop playlist	Prompt	🔲 Loop playlist	
Failover Playlist:	ailover Playlist: None		▼ Advanced	
	ОК	Cancel	<u>H</u> elp	

In the Failover Playlist drop down, select the list you defined earlier and click OK.

For more information, see the section on *Crash Recovery* in Playout's main help.

9.2.4 Dealing with power outages/interruptions

When in automation mode, Playout can also (potentially) handle power outages allowing it to resume operation when the power returns. This is dependent on setting up your PC to support this and assuming other equipment comes up in a timely manner.

This is controlled using *Playout's Recovery Tool* – accessible from the main Start menu under OAS Playout. Note this utility requires elevated privileges to run and may prompt for a username/password if the current user does not have sufficient rights.

OAS Playout Recovery Configuration					
🔽 Enable					
UserName:	jon		•		
Password:	•••••				
Domain:	moosehat		ОК		
I Add to Startup		Cancel Help			

To use the tool, click the *Enable* button and enter the *UserName* and *Password* of the account normally used to run Playout. Finally click the Add to Startup box and press OK.

If Playout unexpectedly terminates during automation (ie. due to a power outage or other serious event), the next time the computer is started it will automatically log on and launch Playout which will pick up from where it left of.

Note: To ensure full reliable operation, you should also define a *FailOver* playlist (as discussed in the previous section) and also read the online help for more information on the security issues in using this tool.

9.2.5 Event Notifications

If Playout encounters difficulties during operation (such as inaccessible audio files or issues communicating with its database) error dialogs are generated as a matter of course to alert the user. In addition to this (and to aid in problems which may occur during automation ie. unattended operation) Playout generates event information in the system's application Event Log (you can find this under *Control Panel, Administrative Tools, Event Viewer*) whenever it detects a problem – it also logs key information such entry of *FailOver* mode (see 9.2.3).

In order receive immediate notification of a problem, Playout also provides the ability for these events to be sent to a designated email address where appropriate action can be taken. Configuration and setting up of this email notification is performed from the Settings, Event Loggers menu item within Playout. For more information, see the Crash Recovery section in Playout's help file.

10 WHERE NEXT?

This guide has attempted to get you up and running and become familiar with the Playout system. It's also hopefully suggested some good ideas in running the system in a real-life situation. This final section touches on some other material which will help you make the most of Playout.

10.1 Online Help

We spent a long time attempting to make the online help for both Playout and Playout Manager as friendly as possible and to cover all aspects of what the package can do. These should cover all the aspects of the software we've glossed over here, in particular:

- *Playlists* how to create them automatically including scheduling in jingles and adverts at appropriate intervals. There is also a separate PDF file called the *PlayListing Guide*, which is on the *Start* menu under OAS Playout. This covers all aspects of how playlist generation works within Playout.
- *Voicetracking* –using playlists as a starting point, this allows you to very quickly put an entire radio broadcast together by just recording the links between tracks.
- *Track Listers* learn how to display information about track "now playing" and a recent history of played tracks on your website and through streaming media servers.

10.2 Developers Guide

For the technically minded, the *Playout Developers guide* contains information on interacting with Playout and the Playout database, including:

- Writing your own Playlist generators
- Auto starting Playout from third party applications, eg. Having your mixing desk start playback automatically on a fader.
- Navigating around the Playout database

10.3 Listener Interaction

OAS provide a free tool, <u>OAS Request Manager</u> which can be used in order to allow your listeners to make requests via email (or SMS text messaging), the software then performs a look up into the Playout database and automatically adds the closest matching track to a specified playlist. This opens up the scope for allowing listener requests to be made during periods of (unattended) automation. One of the community stations using Playout use this as the heart of their <u>UPlay</u> listener request system.

10.4 Contact us

Drop an email with any questions or queries to:

mailto:playout@onasticksoftware.co.uk

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