



## The Icon User Manual





Icon Jukebox User Manual

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## USER INTERFACE

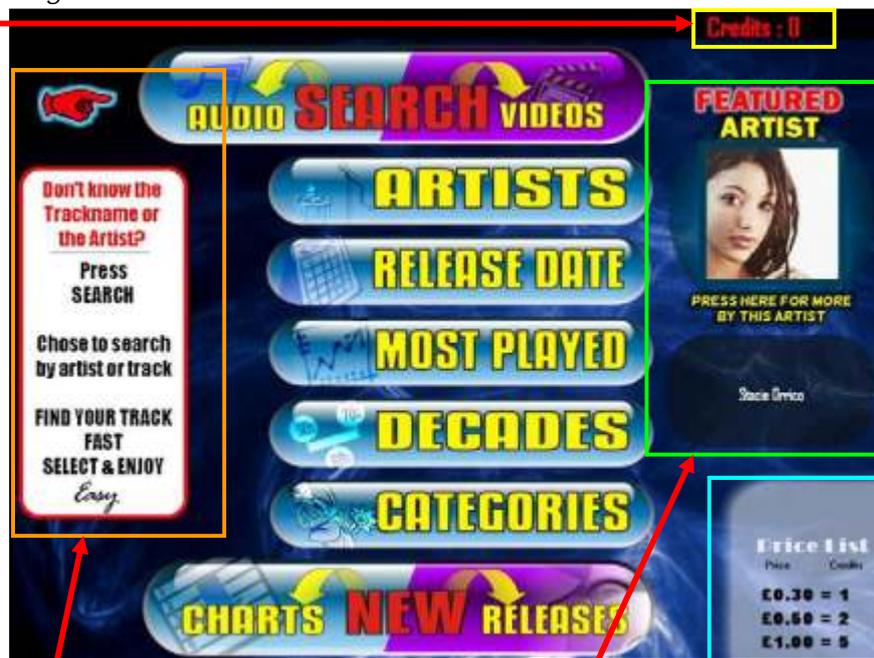


1.0 Main Menu

The Icon Jukebox User Interface once loaded, shows the Main Menu screen (fig.1.0) this screen allows the user to navigate the Jukebox in a very simple easy-to-use manner. Each of the sections on the Main Menu and the rest of the Jukebox User Interface will now be covered in further detail.

Fig. 1.0 – Main Menu Jukebox screen

The Credits Identifier appears on every screen on the Jukebox. This is so the User always knows whether they have enough Credits to make their Track selections.



The Information Bar, cycles through each item on the Main Menu screen and displays information to the user as to what they will come across if they click that button.

The Featured Artist cycles through different artists at set intervals displaying the Artist's Album Art and the Name of the Artist. If the user clicks on the Artist's Album Art, it will show them all the tracks available to be played by that Artist (the Artist's Track Selection screen as shown in fig 1.0.1).

The Price List, is always shown at the bottom right hand corner on all of the required screens so that the user always knows how much each credit is. As the Price List appears on the majority of screens it will only be mentioned in this section of the manual.

Fig. 1.0.1 – Artist Track Selection Screen



When the user clicks on any of the tracks shown a confirmation screen appears shown in fig.1.0.2.

The Scrollbar and Slider will only appear here if there are more than 5 tracks for the Artist. The Scrollbar and Slider work in the same way as the one's in the Search main screen.

Fig. 1.0.2 – Play Confirmation



Pressing the No button closes the current screen and returns back to the previous screen showing the Tracks by the user's selected Artist.

The Yes button, when pressed, initializes the playing of that particular Track provided of course, there are available credits on the Jukebox to do so. The following messages appear in fig. 1.0.3 and 1.0.4 if either the user does or does not have sufficient credits to play the Track.

Fig. 1.0.3 – No Credit Error Message



The No Credit Error Message is displayed above the No and Yes buttons. It appears for a few seconds and then closes the above screen and returns the user back to their original chosen Artist Track Selection screen (fig. 1.0.1)

Fig. 1.0.4 – Thank you Screen



When the user has sufficient credits and clicks the Yes button to play their selected Track, the above screen appears thanking the user for their selection and also informs them of how many Credits they have remaining. This screen only appears for a few seconds and then closes, returning the user back to the Track Selection screen as shown in fig. 1.0.1.



## 1.1 Search

The Search screen allows the user to search for either the Artist or the Track of their choice by using the On-Screen Keyboard. The On-Screen Keyboard is a fully functional QWERTY keyboard. As the user starts to type in their preferred Artist or Track, the Text Box above the keyboard shows what they have currently typed in and the List View above refreshes each time a letter is pressed bringing them closer to their preferred choice.

Fig. 1.1 – Search Screen

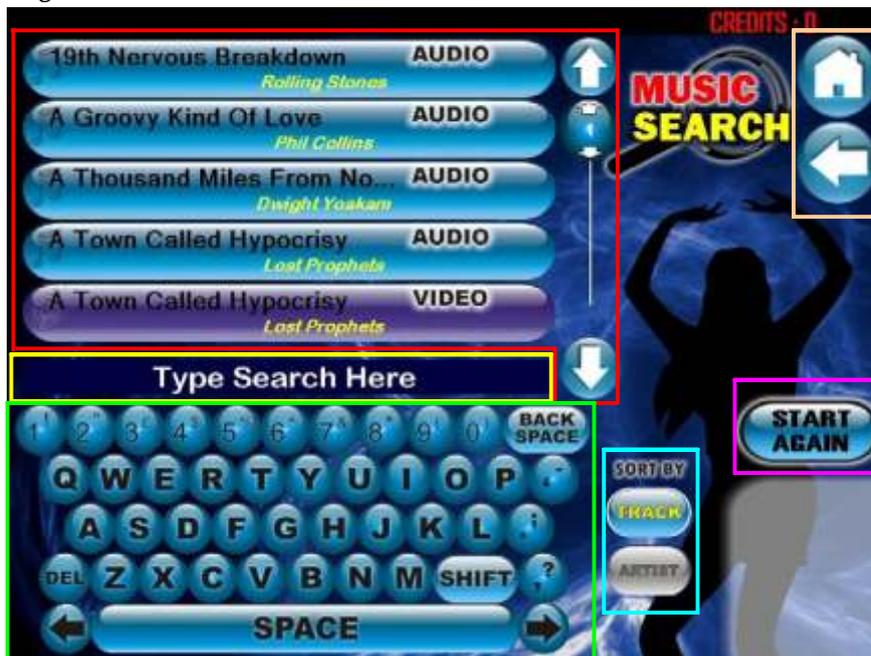


Fig. 1.1.1 – Search Screen Track List



When the user clicks one of the Tracks in the list, it takes them to the Play Confirmation screen (fig. 1.0.2) where they can go through the process of playing a Track.

The List View allows the user to scroll through the list of tracks available on the Jukebox. The List View can be scrolled through by using the Scrollbar and Slider Control to the right of the List View. The user can either scroll through the list one-by-one by pressing the Up or Down arrows or by pressing and moving the Slider Up or Down to browse through the list more quickly.

Fig. 1.1.2 – Text Box



The Text Box displays any key that the user has pressed on the Keyboard.

Fig. 1.1.3 – On Screen Keyboard



The On Screen Keyboard allows the user to type in any Track or Artist of their choice which then appears in the Text Box and each time a letter is pressed, it refreshes the List View in the Search screen to bring the user nearer to their preferred Track or Artist.



The Sort By Track and Artist Buttons allow the List View to be sorted by either Track or Artist. The current selection is highlighted in Blue and the inactive button is greyed-out. Which ever button is currently selected, the user will have to type in the Track or the Artist on the keyboard for the current selection (i.e. to type in a Track if the Track button is the current selected button). The Default Sort By button is set to Track.



The Start Again Button clears all the text the user has entered in the Text Box using the keyboard if they have made an error in typing and wishes not to use the backspace button. Also when pressed, the Start Again button refreshes the list back to the beginning.



These two buttons allow the user to navigate through the screens to either back to the Main Menu (home icon) or back to the previous screen (back arrow icon). These two buttons will perform the same functions on any screen and so will only be mentioned in this section of the manual.



1.2 Artists

The Artist Screen allows the user to browse through the Artists and make their track selections. The Artists can be browsed by either using the Left or Right arrows, or by using the Alpha Bar to skip to the Artist of their choice that begins with the letter they press.

Fig. 1.2 – Artist Screen



Fig. 1.2.1 – Artist Images



The Artist Images give the user a clear indication of the Artists available on the Jukebox. The Artists can be browsed by either using the Left or Right Arrows or by using the Alpha Bar. When the user clicks an Artist Image, it takes them to the Artists Track Selection screen (fig. 1.0.1) where they can go through the process of playing a Track.

Fig. 1.2.2 – Artist Screen Image Scroller

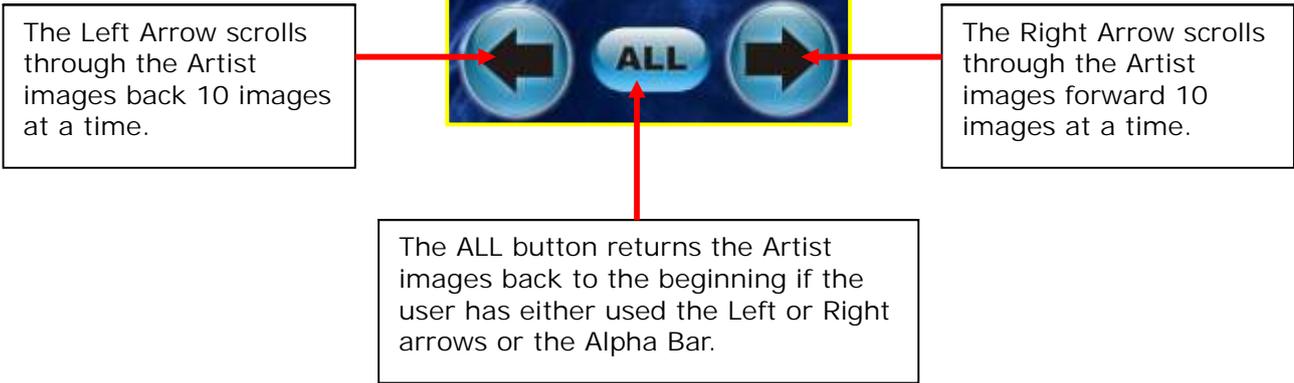


Fig. 1.2.3 – Alpha Bar



The Alpha Bar allows the user to press a letter which is the first letter of their preferred Artist and thus skip to the Artist Images that begin with the letter the user has pressed (fig.1.2.4).

Fig. 1.2.4 – Alpha Bar Search



The screenshot in fig.1.2.4 shows what happens when the user chooses to use the Alpha Bar. In this instance the User has selected the letter K (highlighted in red to show the User what letter they have pressed). The Artist images now only show the Artists that begin with the letter K. Notice also how only 6 images appear instead of 10. This is because there are only 6 Artists on the Jukebox that begin with the letter K.



1.3 Release Date

The Release Date is a useful feature that the User has at their disposal. Here the User can search for Tracks by the year that they were released. For example, the user could decide to play a Track on a memorable date such as a Birthday or Wedding Anniversary.

Fig. 1.3 – Release Date



Fig. 1.3.1 – Release Date List View



The List View allows the user to scroll through the list of tracks available on the Jukebox. The List can be scrolled through by using the Scrollbar and Slider Control to the right of the list. The user can either scroll through the list one-by-one by pressing the Up or Down arrows or by pressing and moving the Slider Up or Down to browse through the list more quickly. When the user clicks one of the tracks in the list, it takes them to the Play Confirmation screen (fig. 1.0.2) where they can go through the process of playing a Track.

Fig. 1.3.2 – Sort List View Buttons



The Track and Artist Buttons allow the list to be sorted by either Track or Artist. The current selection is highlighted in Blue and the inactive button is greyed-out. The Default button is set to view the List by Track. Fig. 1.3.5 shows the List View sorted by Artist.

Fig. 1.3.3 – Date Search Fields



These 3 fields allow the User to enter the date of their choice by using the Up and Down arrows for the Day, Month and Year so they are able to see all the Tracks that were released on that date. All of the fields do not have to have a number in as the User can select ALL to search for all of the Tracks in a given month, year or day. As the User changes each field, the List View updates automatically. If there are no Tracks for a particular date the List View is replaced by a message as shown in fig. 1.3.6.

Fig. 1.3.4 – Skip To Decade



The Skip To Decade buttons allow the User to sort the List View by a certain decade when they click on any of the 6 buttons. When the User clicks on one of these buttons it sorts the List View to the beginning of the decade. For example if the User clicks the 90's button the List View would show ALL the Tracks from 1990 (shown in fig. 1.3.7).

Fig. 1.3.5 – Artist List View



The screenshot above shows the List View sorted by Artist (outlined in red). Whichever button the User presses, either the Track or Artist button, the List View will ALWAYS be displayed in alphabetical order.

Fig. 1.3.6 – No Track Message



The screenshot above shows the message that replaces the List View when there are no Tracks to be found on the Jukebox in a date specified by the User (outlined in red).

Fig. 1.3.7 – Skip To Decade



This screenshot shows the List View displaying ALL the Tracks in 1990 when the User has pressed the 90's Skip To Decade button (outlined in red).



1.4 Most Played

The Most Played screen informs the user of the current Top 10 Most Played Tracks on the Jukebox. The User can click on any of these Tracks and it will display the screen shown in fig. 1.0.2 confirming if they wish to play this Track.

Fig. 1.4 – Most Played



Note: You may have noticed in the Manual so far wherever there appear to be a List View you may have noticed the following purple coloured tracks:



These purple coloured Tracks represent Music Videos. If your Jukebox is not Video Enabled then you will not see these types of Tracks.



## 1.5 Decades

The Decades screen gives the User the option to search for Tracks within the specified Decades shown below. When the user clicks on one of the 6 Decades, a screen appears that looks very similar to the Search screen mentioned earlier in this manual. This screen (fig. 1.5.1) allows the user to search for Tracks within that Decade using the On Screen Keyboard.

Fig. 1.5 – Decades



The Screenshot in fig. 1.5.1 shows the Decade Search screen that appears if the User presses the 1990's Decade button on the main Decade Selection screen. Because the Decade Search screen has the same layout and buttons as the main Track Search screen (fig. 1.1) the descriptions for the buttons and List View will be the same as they perform the same tasks.

Fig. 1.5.1 – Decade Search

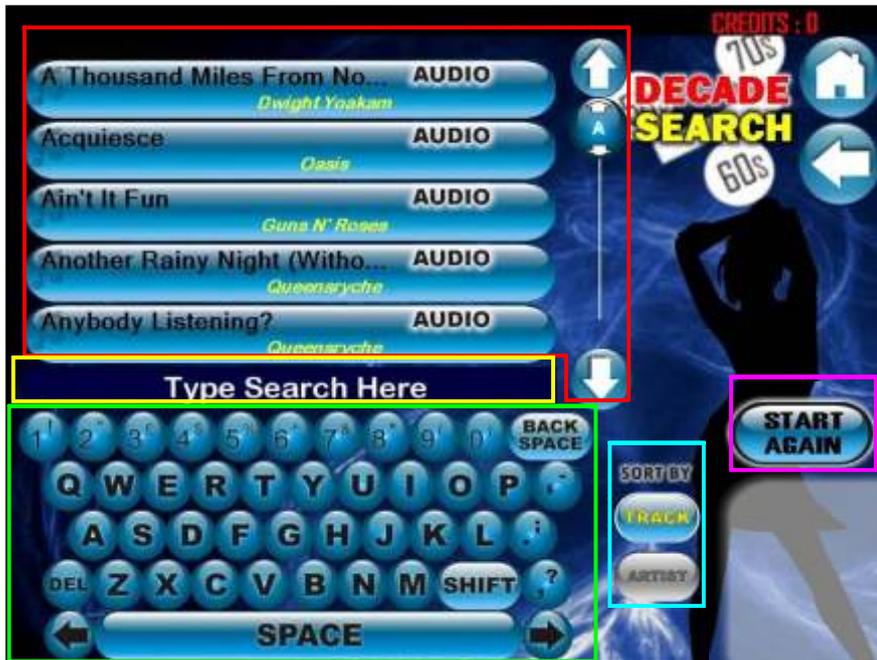


Fig. 1.5.2 – Decade Search List View



When the user clicks one of the tracks in the list, it takes them to the Play Confirmation screen (fig. 1.0.2) where they can go through the process of playing a Track.

The List View allows the user to scroll through the list of tracks available on the Jukebox. The List can be scrolled through by using the Scrollbar and Slider Control to the right of the list. The user can either scroll through the list one-by-one by pressing the Up or Down arrows or by pressing and moving the Slider Up or Down to browse through the list more quickly.

Fig. 1.5.3 – Decade Search Text Box

The Text Box displays any key that the user has pressed on the Keyboard.

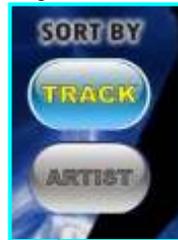


Fig. 1.5.4 – Decade Search On Screen Keyboard



The On Screen Keyboard allows the user to type in any Track or Artist of their choice which then appears in the Text Box and each time a letter is pressed, it refreshes the list in the Search screen to bring the user nearer to their preferred Track or Artist.

Fig. 1.5.5 – Sort By Track and Artist Buttons



The Sort By Track and Artist Buttons allow the list to be sorted by either Track or Artist. The current selection is highlighted in Blue and the inactive button is greyed-out. Which ever button is currently selected, the user will have to type in the Track or the Artist on the keyboard for the current selection (e.g. to type in a Track if the Track button is the current selected button). The Default Sort By button is set to Track.

Fig. 1.5.6 – Start Again Button



The Start Again Button clears all the text the user has entered from using the keyboard into the textbox if they have made an error in typing and wishes not to use the backspace button. Also when pressed, the Start Again button refreshes the list back to the beginning.



## 1.6 Categories

The Categories screen (fig. 1.6) allows the User to search for Tracks on the Jukebox by their Category (i.e. search for all Dance Music Tracks). The Categories can be scrolled through by using the Up and Down Arrows at the bottom right of the screen.

When the User clicks on a Category, it takes them to the Category Search screen (fig. 1.6.1) which is like the Search screen (fig. 1.1) and the Decade Search screen (fig. 1.5.1) is the same in layout and has the same function buttons and so these items will not be mentioned on in this particular section.

The Categories the User can choose from are as follows:

- Ambient & Chillout
- Blues
- C & W (Country & Western)
- Crooners & Divas
- Dance
- Easy Listen
- Indie
- Instrumental
- Irish
- Jazz
- Mowtown
- Novelty
- Opera
- Pop
- R&B & Hip-Hop
- Rap
- Reggae
- Rock
- Rock'n'Roll
- Rock, Easy
- Scottish
- Soul
- Welsh

Fig. 1.6 – Categories Main Screen



The Categories List View displays all the available Categories on the Jukebox. They can be scrolled through by using the Up and Down arrows. Clicking one of these categories takes the user to the Category Search screen (fig. 1.6.1).

The Up and Down arrows allow the User to browse through the Categories to find their preferred one.

Fig. 1.6.1 – Category Search Screen

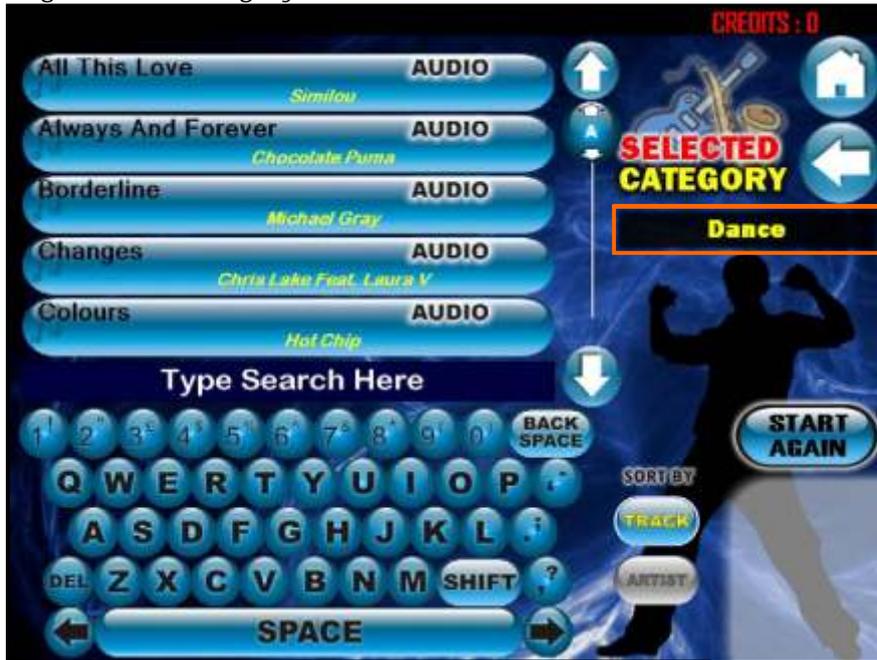


Fig. 1.6.2 – Category Search Screen Identifier



The Category Search Identifier informs the User what Tracks they will be searching for on the Jukebox. This changes to whichever Category they have selected on the Categories Main Screen (fig. 1.6).



## 1.7 New 2 Box

The New 2 Box screen gives the User a List of the Latest Tracks recently updated onto the Jukebox. The List View can be sorted by using the 3 Sort By buttons (Date, Track, and Artist).

If the User clicks on any of the Tracks it will take them to the Play Confirmation screen (fig. 1.0.2) where they can go through the process of playing a Track.

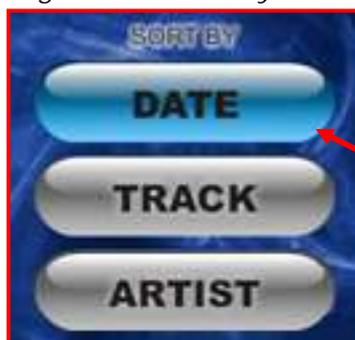
If there are more than 10 Tracks in the List View, Scrollbars will automatically be shown to allow the User to browse through all the Tracks.

If there are no new Tracks on the Jukebox, the List View will be replaced by a message as shown in fig. 1.7.4.

Fig. 1.7 – New 2 Box Main Screen



Fig. 1.7.1 – Sort By Buttons



The Sort By Date, Track, and Artist Buttons allow the List View to be sorted by the Date, Track, or Artist. The current selection is highlighted in Blue and the inactive buttons is greyed-out. The Default Sort By button is set to Date.

Fig. 1.7.2 – New 2 Box List View Sorted By Track



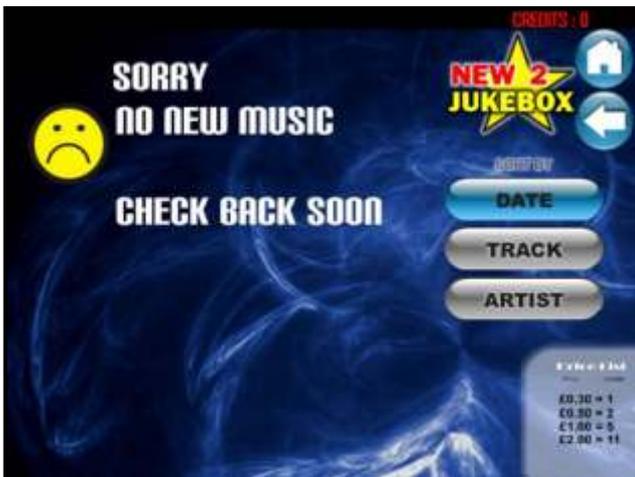
The screenshot above shows the List View Sorted By Track in alphabetical order.

Fig. 1.7.3 – New 2 Box List View Sorted By Artist



The screenshot above shows the List View Sorted By Artist. As always, the list view is in alphabetical order.

Fig. 1.7.4 – New 2 Box No Track Message



This screenshot is displayed to the user when there are no new Tracks on the Jukebox. This message appears in place of the List View until the next update is applied to the Jukebox either remotely or manually and new Tracks are added onto the Jukebox.

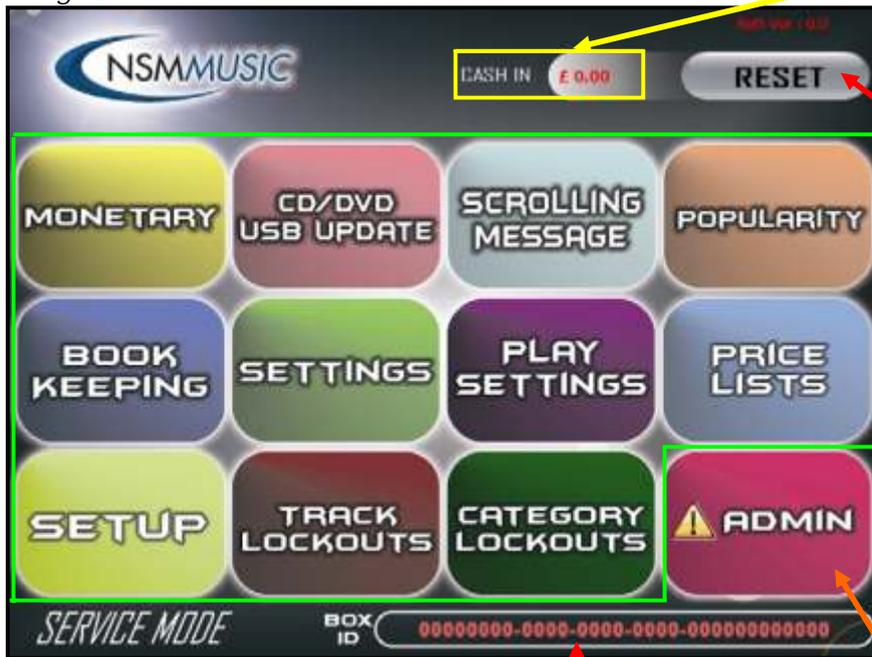
SERVICE MODE



## 2.0 Main Menu

When the service mode has been selected, the user will be faced with the following screen:

Fig. 2.0 – Main Service Mode Screen



Total number of cash Jukebox has received to date

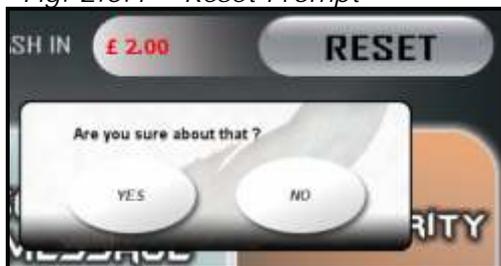
Reset button  
**⚠ Caution:**  
Clicking this button will clear the total number of cash the Jukebox has received to date. Only click this button if you are sure. It will display a prompt message to the user to make sure (fig. 2.0.1).

Sections of Service mode. These are to be highlighted in more detail.

Jukebox unique Serial Number

Administrator Mode button. This is only for users who have Administrator privileges (NSM Music Only) – Password required. This section will not be discussed in this manual.

Fig. 2.0.1 – Reset Prompt



Each of the following sections in the Service Mode will be highlighted in more detail in the subsequent subheadings. The first to be considered is the Monetary Mode.

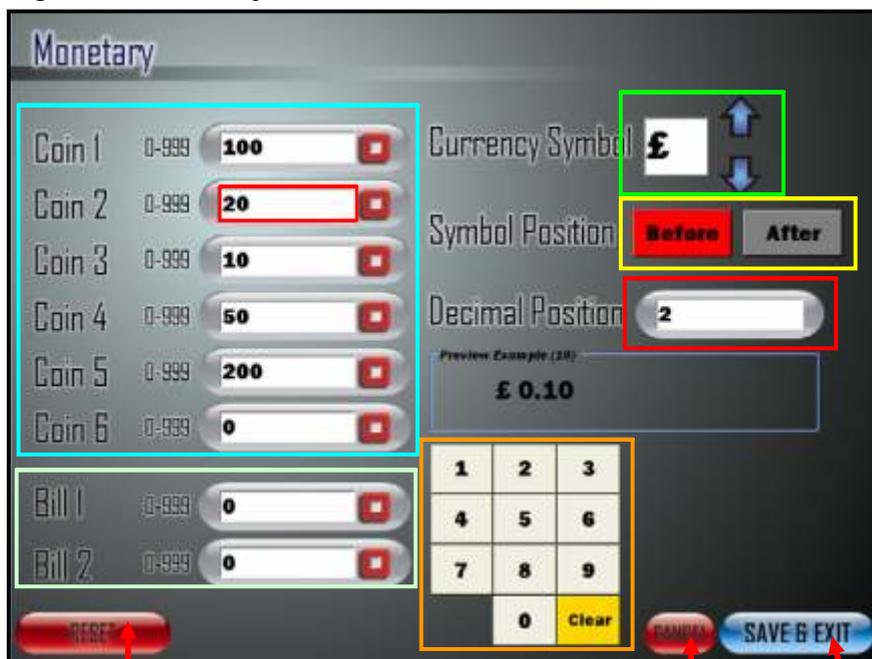


## 2.1 Monetary

When the user clicks the Monetary on the Service Mode main screen (fig.1.0) the following screen is displayed:

In fig. 1.01, if any of the numerical fields requires altering, the user clicks the field they wish to alter, which will then be highlighted in Red (In this case in fig. 2.1 the Coin 2 field has been selected) to distinguish the current selection, selects Clear on the Numerical keypad to clear the numerical values in the selected field and then proceeds to type in the new values using the Numerical keypad.

Fig. 2.1 – Monetary Main Screen



The Reset Button, when clicked, restores all settings made back to the default factory settings.  
⚠ Caution: Only click this button if you are sure you wish to reset ALL settings.

When clicked, the Cancel Button closes the Monetary Page and returns to the main Service Mode screen (fig. 2.0) without saving any changes.

When clicked, the Save & Exit Button closes the Monetary Page and returns to the main Service Mode screen (fig. 2.0) saving any changes made.

The Monetary Main Screen settings can be altered in a number of ways

- Changing the Amount of Currency the users can enter.

*This allows the user to set the type of money customers can put in. The values in fig.2.1 are preset but can be changed if the user wishes to by using the Numerical keypad. Each number denotes a unit of currency, for example 100 = £1.00, 20 = £0.20 and so forth.*



*This follows the same structure as the coins (mentioned directly above). However this enables the use of paper Notes, or Bills if the Jukebox has the required slot device to take Notes or bills.*

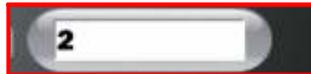
- Changing The Currency Symbol and Position.  
*The Currency Symbol can be altered by pressing either the Up or Down arrows. The preset currency symbols are: €, £, Rs, ¥, \$ (Or to any currency of the Users Choice if specified to NSM Music before production). Preset to country of origin.*



Clicking either the Before or After button places the currency symbol either before or after the number. The current position selected is highlighted in **Red**.



- o Changing the Decimal Position.  
*This allows you set the number of decimal places for the selected currency. It is automatically preset to 2.*



The Preview Box displays a preview of the current currency symbol and position settings. If any of them are altered the Preview Box automatically updates itself.

*Fig. 2.1.1 – Preview Box*



The Numerical keypad allows the user to alter any of the numerical monetary settings and any field that requires numerical input in any further Service Mode screens. Any screen in the Service Mode which has the Numerical Keypad it will perform the same function, so will only be mentioned in this section.

*Fig. 2.1.2 – Numerical Keypad*





## 2.2 CD/DVD/USB Update

The following screen is displayed when the user clicks CD/DVD USB Update on the Service Mode main screen (fig. 2.0):

Fig. 2.2 – CD/DVD/USB Update Main Screen



When clicked, the CD/DVD Update Button initializes the update of songs/videos which are held on the CD/DVD.

When clicked, it closes the current screen and returns back to the main Service Mode screen. Any screen in the Service Mode which has this button will perform the same function, so it will only be mentioned in this section.

This Field displays messages to the user when either the CD/DVD Update Button or the USB Update Button is clicked. See figs. 2.2.3, 2.2.4, and 2.2.5 for the types of messages which appear.

When clicked, the USB Update Button initializes the update of songs/videos which are held on the USB Flash Memory Stick.

If the user clicks on either the CD/DVD Update Button or the USB Update Button without inserting a CD/DVD or a USB Flash Memory Stick the following messages appear:

Fig. 2.2.1 – CD/DVD/USB Update CD Error

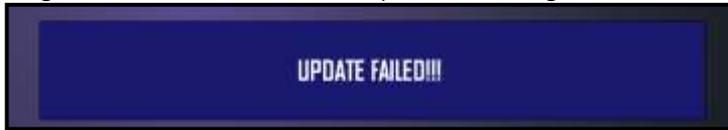


Fig. 2.2.2 – CD/DVD/USB Update USB Error



The following messages appear when the user inserts a CD/DVD or USB Flash Memory Stick and clicks either the CD/DVD Update or USB Update Buttons:

*Fig. 2.2.3 – CD/DVD/USB Update Message 1*



If this message occurs re-insert the CD/DVD or USB Flash Memory Stick and try the update again.

If the same message occurs again please consult your supplier to request a new update as the original CD/DVD or USB Flash Memory Stick may be faulty.

*Fig. 2.2.4 – CD/DVD/USB Update Message 2*



If this message occurs then there are no updates available on the CD/DVD or USB Flash Memory Stick. Either the update has already been applied or the wrong CD/DVD or USB Flash Memory Stick has been inserted.

*Fig. 2.2.5 – CD/DVD/USB Update Message 3*



If this message occurs then the update has been applied successfully.

You may need to reboot the Jukebox for the new updates to take effect.



## 2.3 Scrolling Message

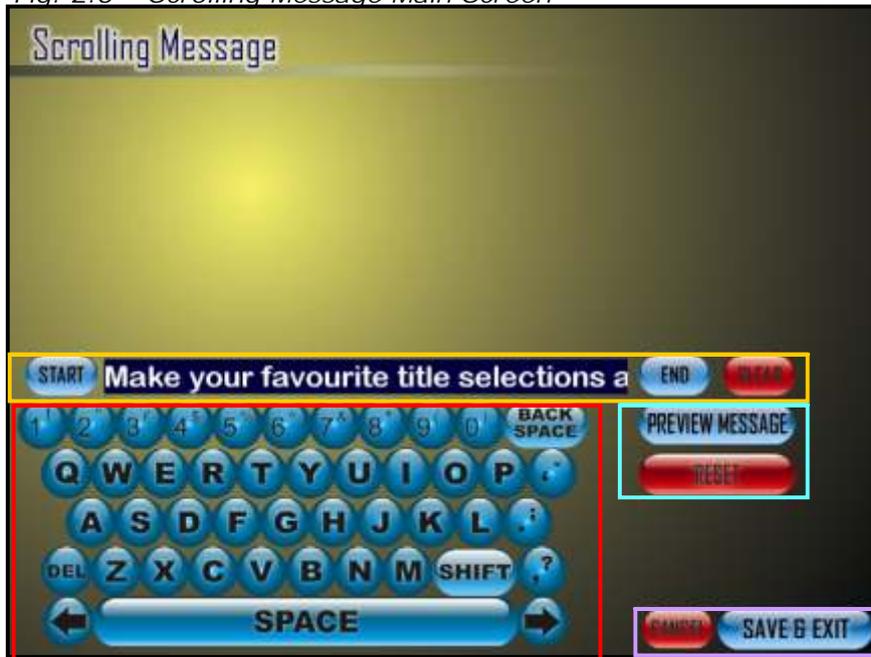
The Scrolling Message screen (fig. 2.3) applies to Jukeboxes with the Video option enabled. It will then display the Scrolling Message when the Jukebox is in 'Attract Mode' or showing adverts on its separate screen.

The Scrolling Message is automatically preset to:

"Make your favourite title selections at the New Jukebox from NSM Music : The Icon!"

However, this can be altered by the user to anything they wish.

Fig. 2.3 – Scrolling Message Main Screen



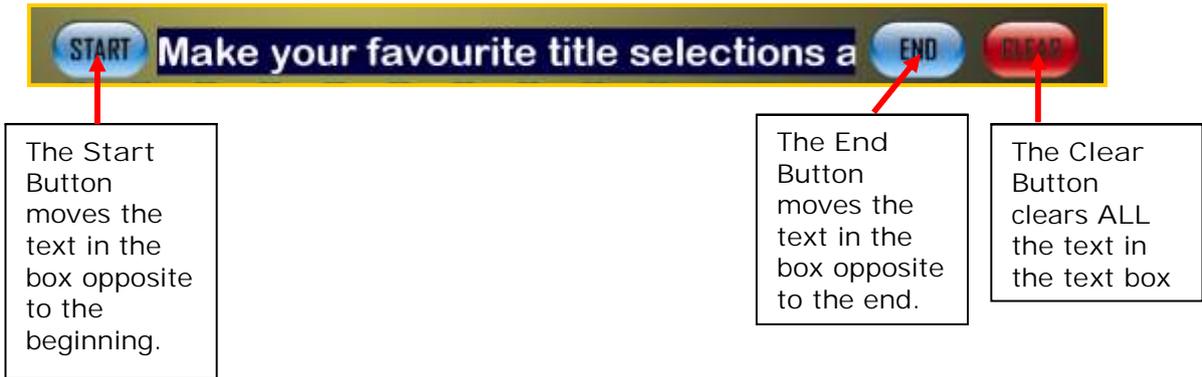
The Scrolling message can be altered to any message the user prefers by using the Keyboard (fig. 2.3.1) which is a fully functional on screen keyboard designed to allow touch screen users to enter text in the Scrolling Message text box and any field that requires text input in any further Service Mode screens. As the Keyboard performs the same functions on all of the Service Mode screens it appears on, it will only be mentioned in this section.

Fig. 2.3.1 – Scrolling Message On Screen Keyboard



The Text Box shows the text entered by the user on the Keyboard

Fig. 2.3.2 – Scrolling Message Text Box



Next to the text box, below the End button, there are two buttons which will either preview the message in the text box (fig. 1.03.4) or reset the text in the text box to it's default text.

Fig. 2.3.3 –Text Box Buttons



At the bottom right hand corner of the Scrolling Message screen there are two buttons, Cancel and Save (fig 1.03.4). Any screen in the Service Mode which has any of these buttons will perform the same function, so will only be mentioned in this section.

Fig. 2.3.4 – Cancel/Save & Exit Buttons



The Cancel Button closes the current screen and returns to the main Service Mode screen without saving any changes.

The Save & Exit Button closes the current screen and returns to the main Service Mode screen saving any changes made.

Fig. 2.3.5 – Scrolling Message Preview



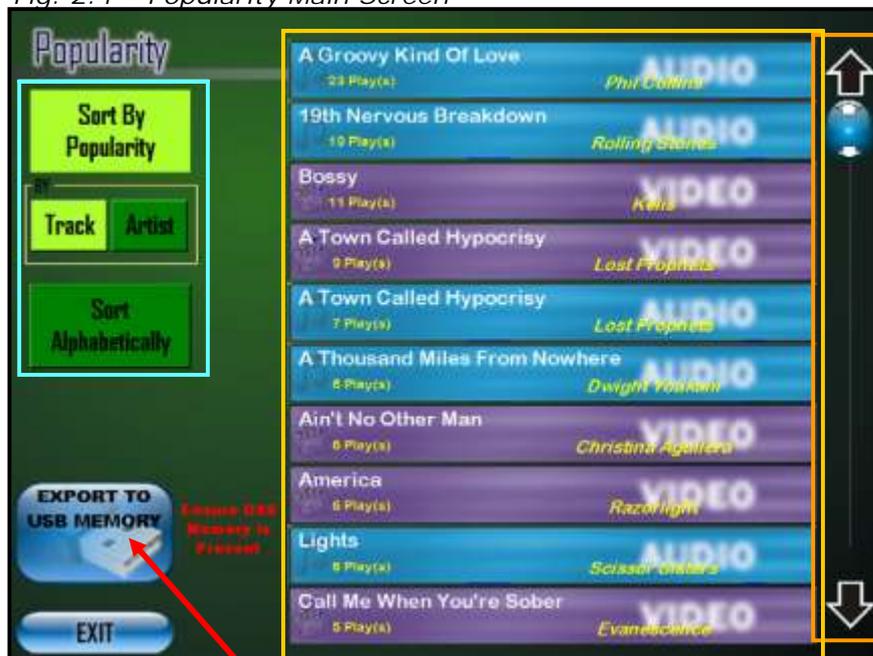
Screen shot of what happens when the user clicks the Preview Message Button.



## 2.4 Popularity

When the user selects Popularity from the Service Mode main screen, they will be faced with the screen shot below (fig 1.05). The Popularity screen displays a list of all of the songs/videos by order of most played. The Popularity screen is default to Sort By Popularity by Track.

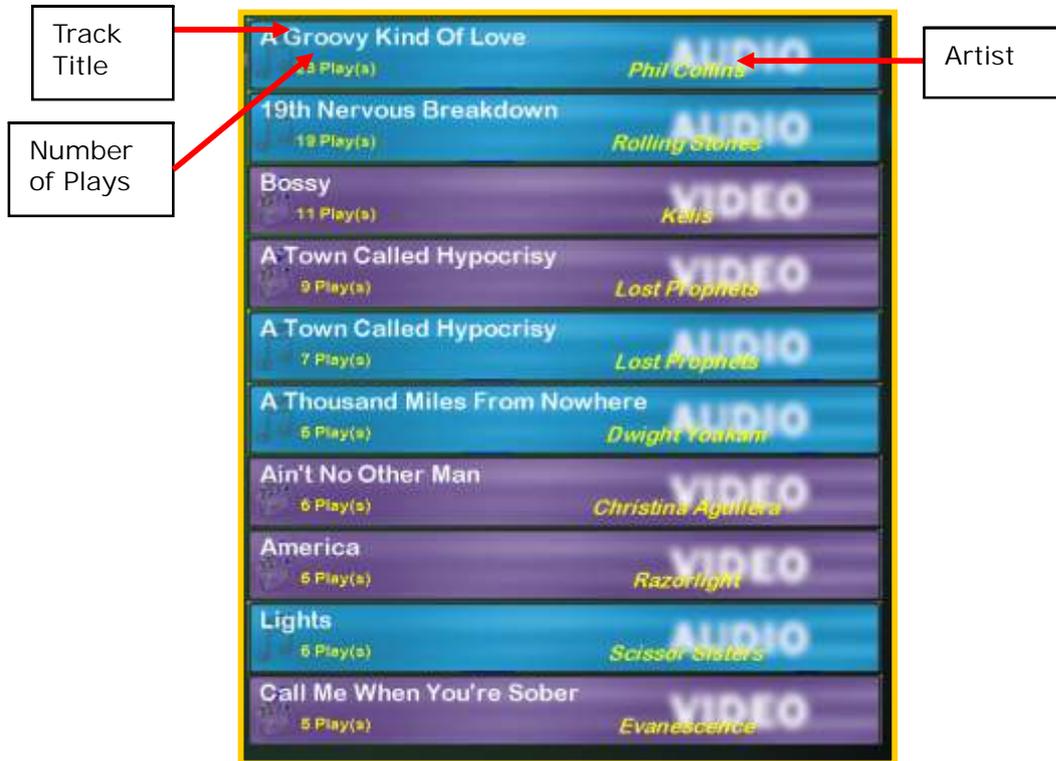
Fig. 2.4 – Popularity Main Screen



The Export To USB Memory Button saves the Popularity List as a .csv format which can be opened in Microsoft Excel for future Reference. Next to the button is a little reminder to the user to make sure that they have inserted a USB Flash Memory Stick. Any screen in the Service Mode which has this button will perform the same function, so it will only be mentioned in this section.

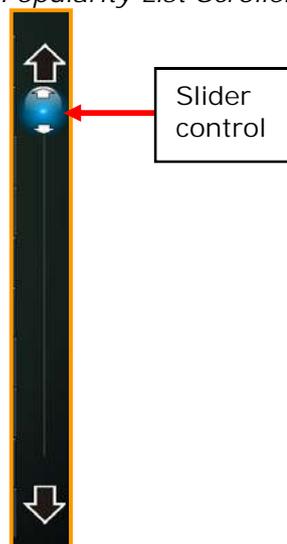
The Popularity List displays all the songs in order of Most Played. The Popularity List lists the: Title, Artist, and Number Of Plays the track has received. As you may see, the Popularity List is in 2 colours, Blue and Purple. The Blue represents an Audio Track and the Purple represents a Video Track the same as the Jukebox main User Interface.

Fig. 2.4.1 – Popularity List



The Popularity List can be browsed through by either using the Up and Down arrows which moves the list up or down 1 position at a time, or by moving the Slider Control to browse the list more quickly.

Fig. 2.4.2 – Popularity List Scroller



The Popularity List can be sorted by popularity and alphabetically. Each option can be further sorted by Track or Artist (fig. 1.05.3).

Fig. 2.4.3 – Popularity List Sorting Buttons

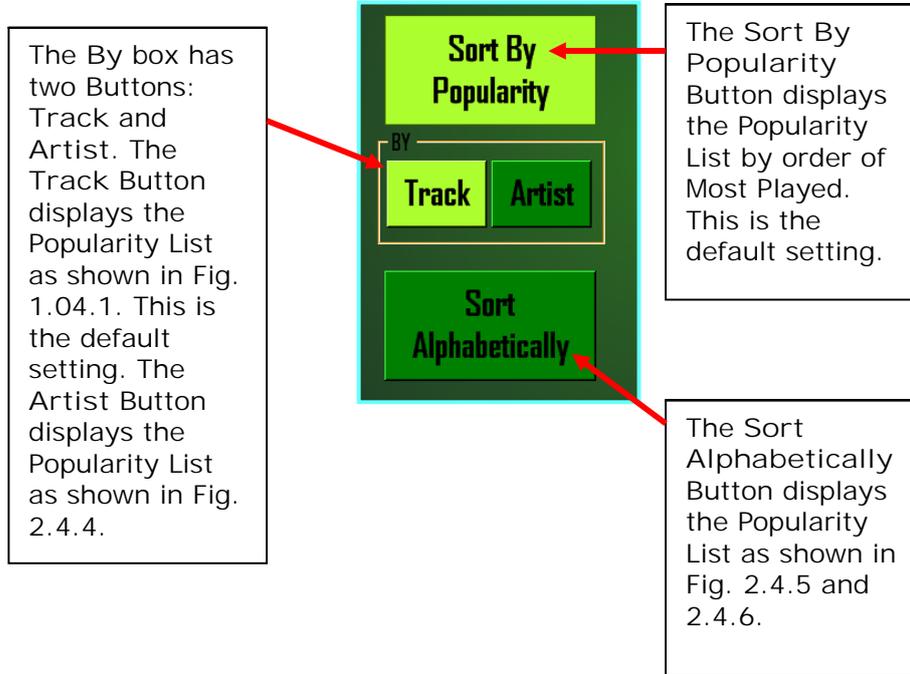
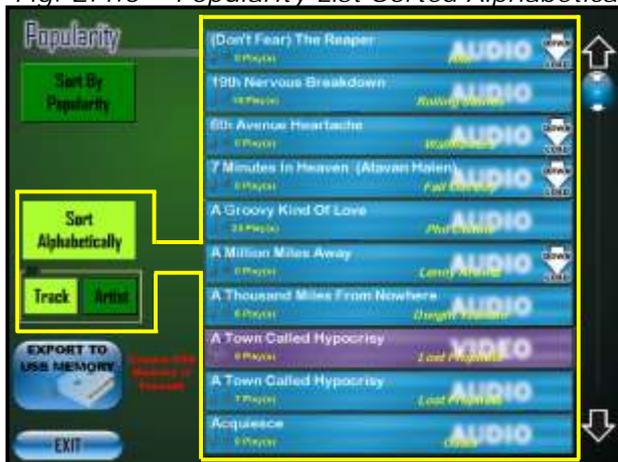


Fig. 2.4.4 – Popularity List Displayed By Artist



As you can see in this screen shot, highlighted in **Yellow**, the Popularity List has now changed colour, displaying only the Artist Name and the Total number of songs played by that Artist.

Fig. 2.4.5 – Popularity List Sorted Alphabetically By Track



In this screen shot, highlighted in **Yellow** the Popularity List has now changed displaying the Artist Name, the Total number of times the song has been played, but this time the list is ordered alphabetically by Track.

Fig. 2.4.6 – Popularity List Sorted Alphabetically By Artist



In this screen shot, highlighted in **Yellow** the Popularity List has now changed displaying only the Artist Name and the Total number of songs played by that Artist, but this time the list is ordered alphabetically by Artist.



## 2.5 Book Keeping

The Book Keeping screen allows the user to find out the total number of paid for songs, over plays, the total number of credits used, and the total amount of cash taken between two specific dates, which can then be saved on a USB Flash Memory Stick for future reference if so desired.

In fig. 2.5, if the Period From and Period To dates wish to be altered, the user clicks the field they wish to alter, which will then be highlighted in Red to distinguish the current selection, selects Clear on the Numerical keypad to clear the numerical values in the selected field and then proceeds to type in the new values using the Numerical keypad.

Fig. 2.5 – Book Keeping Main Screen



The Reset Button restores the Period From and Period To dates to their default values.

The Calculate Button, when clicked, calculates the Total number of songs played which were paid for, the number of over plays, the total number of credits and the total amount of cash taken between the dates specified in the Period From and Period To boxes and places the results in the top four fields.

The figures in the four headings in fig. 2.5.1 are calculated when the user changes the Period From and Period To dates (fig. 2.5.2) and clicks the Calculate button. As default the dates are set to when the Jukebox was initially set up till the current date so far.

*Fig. 2.5.1 – Book Keeping Figures*



Pay Plays	235
Over Plays	26
Credits	424
Total Cash Take	£ 79.00

The Period From and Period To dates in fig. 2.5.2 are default to the dates when the Jukebox was initially set up till the current date so far. These dates can be altered by the user to any dates required by using the Numerical keypad.

*Fig. 2.5.2 – Period From and To Dates*



Period From	<b>17/12/2006</b> (dd/mm/yyyy)
Period To	<b>18/01/2007</b> (dd/mm/yyyy)



## 2.6 Settings

The Settings Screen allows the user to make changes to the Audio volume and quality of the Jukebox.

Fig. 2.6 Settings Main Screen

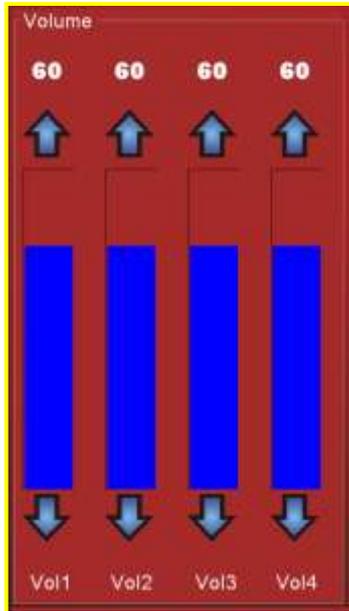
The Play Test Track Button plays a short track to allow you to hear what the Jukebox audio will play like before you save any changes that you may have made.



The Reset Button restores all the Settings to default. **⚠ Caution:** By clicking this button you will lose any saved settings.

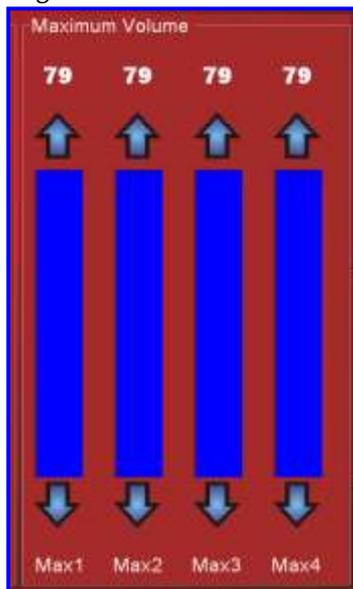
The Volume box (fig. 2.6.1) has four bars (two for each speaker – L & R) which allow the user to change the output volume on the Jukebox. They can be adjusted by using the Up and Down arrows on each bar. The Default Setting is 20 on each channel.

*Fig. 2.6.1 Volume Box Settings*



The Maximum Volume box (fig. 2.6.2) has four bars (two for each speaker – L & R) with the option to set the maximum volume limit of the Jukebox to anything from 0-79. They can be adjusted by using the Up and Down arrows on each bar.

*Fig. 2.6.2 Maximum Volume Box Settings*



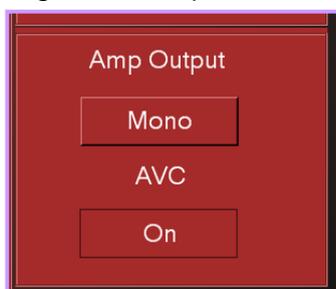
The settings in fig. 2.6.3 allow the user to set equalizer settings for the Jukebox. The Treble can be changed from -14 to 14, the Bass can be changed from -14 to 14 and the BGM Att can be changed from -36 to 0. These are all altered by using the Up and Down arrows on each option. The default settings are: 0, 0, -8 respectively.

*Fig. 2.6.3 Treble/Bass/BGM Att Settings*



The settings in fig. 2.6.4 allow the user to change the amplifier settings for the Jukebox. The Amp Output can be changed between Mono and Stereo by clicking the button, the AVC (Automatic Volume Control) can be changed between On or Off by clicking the button. The default settings are: Mono, On respectively.

*Fig. 2.6.4 Amplifier Settings*



The section in fig. 2.6.5 is an explanation of the 'F' keys on the Remote Control supplied with the Jukebox. So: F1 = Mute, F2 = Background Music, F3 = Auxiliary, F4 = Free Credits.

*Fig. 2.6.5 Key to 'F' Buttons On Remote Supplied With Jukebox*

Remote Buttons	F1 - Mute	F2 - Background Music	F3 - Auxiliary	F4 - Free Credits
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## 2.7 Play Settings

The Play Settings Screen allows the user alter the AutoPlay delay time, the number of songs to play when the AutoPlay is Enabled. It also lets the user edit the number of credits for the Jukebox. All the values in the fields in fig. 2.7 are the default settings.

In fig. 2.7, if any of the numerical fields requires altering, the user clicks the field they wish to alter, which will then be highlighted in Red to distinguish the current selection, selects Clear on the Numerical keypad to clear the numerical values in the selected field and then proceeds to type in the new values using the Numerical keypad.

Fig. 2.7 Play Settings Main Screen



The Reset Button restores all the Settings to Default.  
⚠ Caution:  
By clicking this button you will lose any saved settings.

In fig. 2.7.1 the user can set limits for Credits and timing for the AutoPlay of songs. These and all other settings can be altered by using the Numerical keypad.

The Autoplay Interval sets the time interval (e.g. 1 song every 15 minutes) when a random song will play on the Jukebox. The Autoplay Music button (fig.2.7.2) has to be Enabled for any random song to play.

The Overplay Limit sets the number of times a particular song can be queued up. If the same song is added to the play queue more than once, it is only played once if the Overplay Limit is set to 1. (Note that the currently playing song is not counted).

The Credits Idle Time sets the number of credits allowed to remain on the Jukebox while it is in its 'Idle' state.

The Credits Power Off Time signifies the total number of credits allowed remaining on the Jukebox after it has been powered off and restarted.

The Selections Power Off Time signifies the total number of selections allowed remaining on the Jukebox after it has been powered off and restarted.

The Free Credits (Daily) signifies the number of Free Credits allowed to be used each day when the user presses the Free Credit button on the supplied remote (F4).

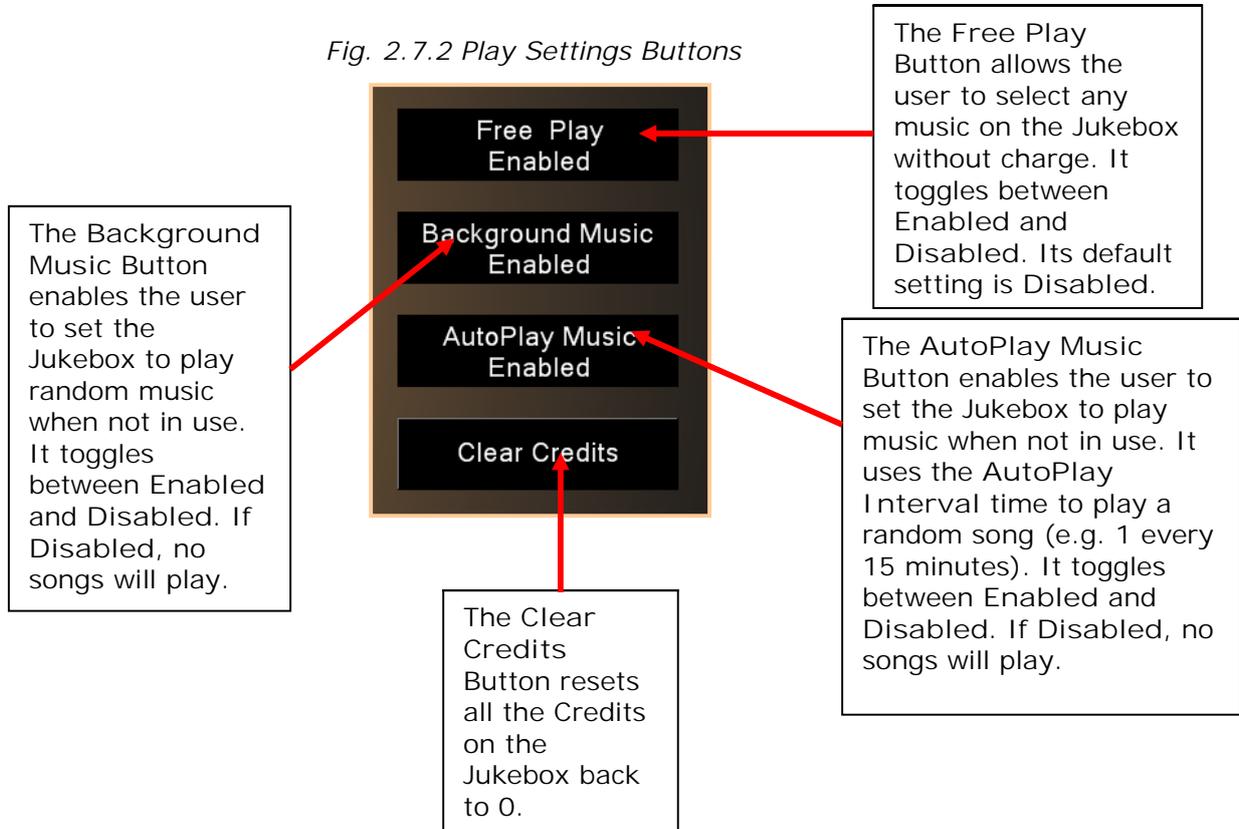
The Video Credits sets the number of credits the customer has to use to play a video track.

*Fig. 2.7.1 Play Settings*



The buttons in fig.2.7.2 opposite the Play Settings allow the user to change the Free Play, Background Music, AutoPlay Music and clear the credits on the Jukebox.

Fig. 2.7.2 Play Settings Buttons





## 2.8 Price Lists

The Price Lists Screen allows the user to set prices for Peak and Off Peak Modes and edit the days and times which the Peak and Off Peak prices apply.

In fig. 2.8, if the Money Inserted and Credits Given fields wish to be altered, the user clicks the field they wish to alter, which will then be highlighted in Red to distinguish the current selection, selects Clear on the Numerical keypad to clear the numerical values in the selected field and then proceeds to type in the new values using the Numerical keypad.

Fig. 2.8 Price Lists Main Screen

The screenshot shows a calendar grid at the top with days of the week (WED, THU, FRI, SAT, SUN) and a 24-hour time slot (00-23). Below the calendar are input fields for 'Money Inserted' and 'Credits Given' for five different modes (1-5). A numerical keypad is visible, with a 'Clear' button highlighted in yellow. A 'RESET' button is located to the right of the keypad. A 'FINISH' button is at the bottom right. A callout box points to the 'RESET' button, and two other callout boxes point to the 'OFF PEAK' label and the 'FINISH' button.

Mode	Money Inserted	Credits Given
1	30	1
2	50	2
3	100	5
4	200	11
5	0	0

**OFF PEAK**

**RESET**

**FINISH**

Peak Time

Off Peak Time

The Reset Button clears ALL the saved Peak and Off Peak days and times and restores them all to Off Peak (Yellow).

This informs the user that they are currently in Off Peak Editing Mode. The Peak Editing Mode is shown in Fig. 2.8.3

The Finish Button closes the current screen and returns to the main Service Mode screen saving any changes made.

The yellow and green dots in the table in fig. 2.8.1 identify what time and day the Jukebox prices are Peak and Off Peak. The yellow dots signify Off Peak and the green dots signify Peak times. For example, Mondays at 19:00pm the pricing is Peak. These can be changed at any time just by clicking on any of the dots to change their status.

Fig. 2.8.1 Peak/Off Peak Table

The numbers here indicate the hours in a day (e.g. 08 = 08:00am).

Days of the week

There are two modes which the user can edit the pricing of the Jukebox – Off Peak (fig. 1.08.2) and Peak (fig. 1.08.3).

Fig. 2.8.2 Off Peak Editing Mode

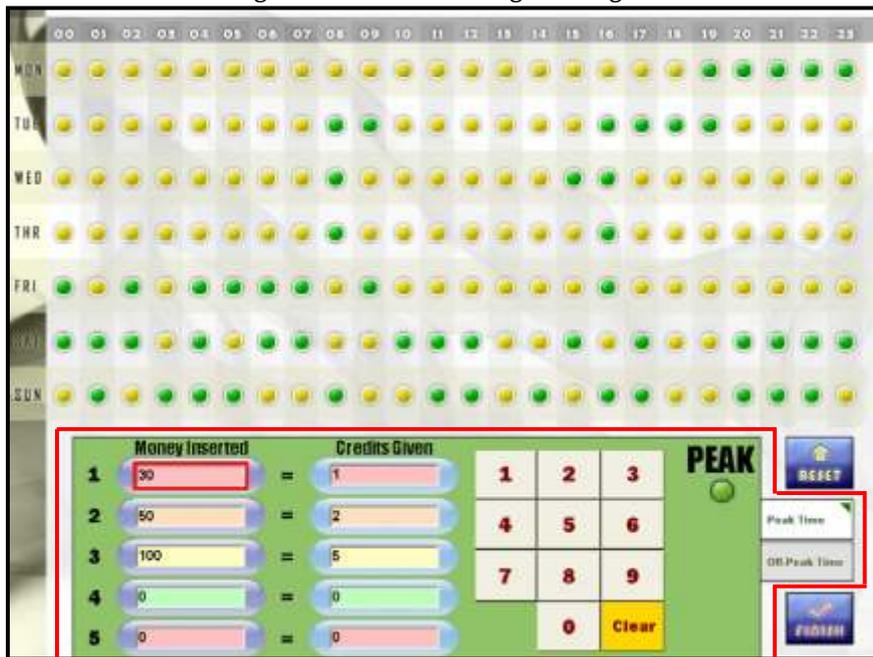


This allows the user to set the type of money customers can put in. The values in fig. 2.8 are preset but can be changed if the user wishes to by using the Numerical keypad. Each number denotes a unit of currency, for example 100 = £1.00, 20 = £0.20 and so forth.

Here the user can set limits for Credits Given for a certain amount of money. These can be altered by using the Numerical keypad.

The Peak Time and Off Peak Time Buttons allow the user to toggle between both the Off Peak and the Peak Editing Modes. The Off Peak Editing Mode is distinguished by the colour yellow and the Peak Editing Mode is distinguished by the colour green (fig. 2.8.3).

Fig. 2.8.3 Peak Pricing Editing Mode



The Screen Shot above shows the Peak Time Editing Mode (highlighted in Red) distinguished by the colour green.

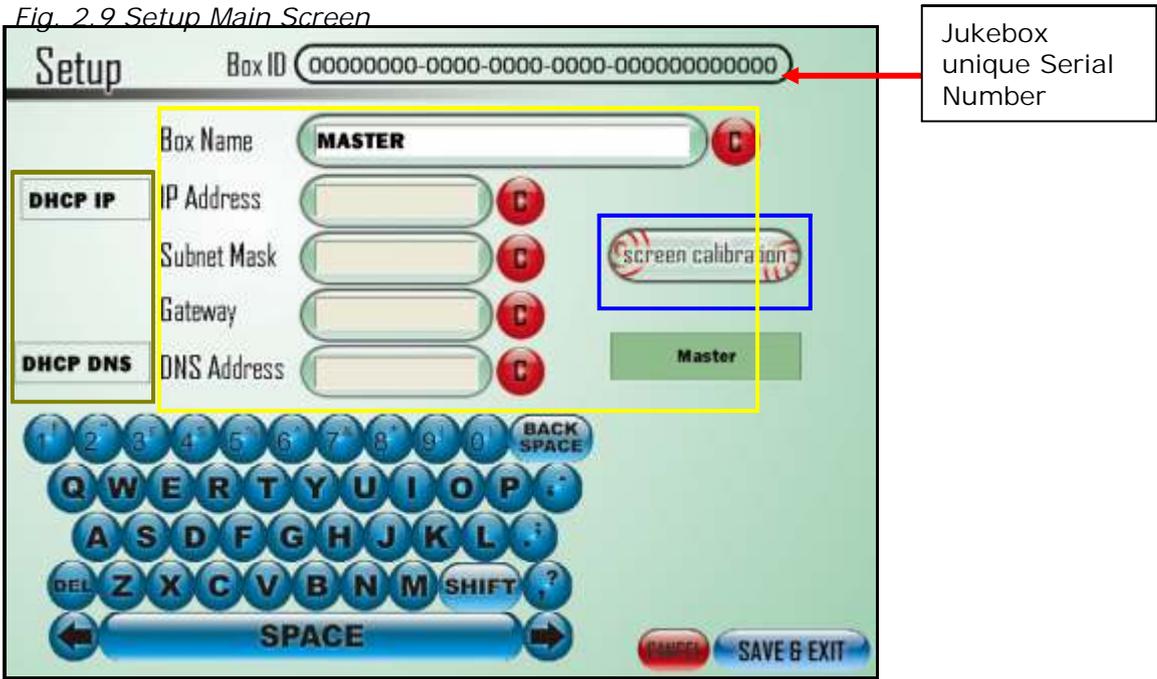


2.9 Setup

The Setup screen allows the access to download updates/tracks by using the IP Address, Subnet Mask, Gateway and DNS Address to make it compatible with your router. By default the Icon comes shipped with the Network screen set to DHCP (Dynamic Host Configuration Protocol). These settings should NEVER be altered unless told to do so by NSM Music.

Also there is an option to calibrate the touch screen if the Jukebox does not respond to touch presses as well as it should.

Fig. 2.9 Setup Main Screen



The five fields in fig 2.9.1 are the main settings for the capability to download the latest songs/videos or updates onto the Jukebox. These fields will be blanked out by default when you receive the Icon 2 as it is set to DHCP. These settings should only ever be altered if told to do so by NSM Music. If you have any queries, please contact NSM Music

Fig. 2.9.1 Main Setup Settings

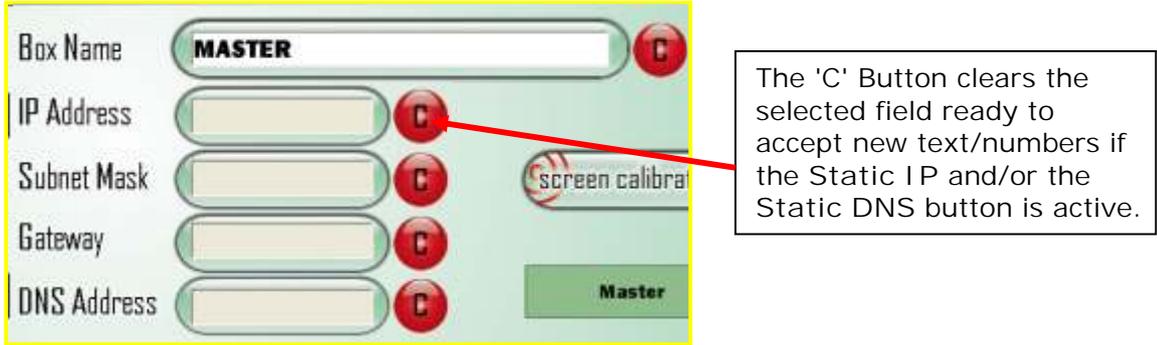
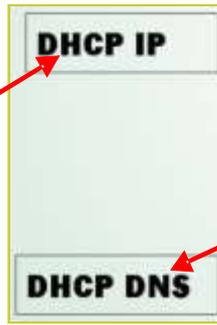


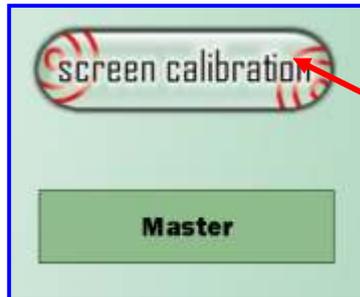
Fig. 2.9.2 IP/DNS Buttons

The DHCP IP Button greys out the IP Address, Subnet Mask and Gateway fields to allow for automatic detection and connection. If the user presses the DHCP IP button, the fields become active and the text on the button changes to read Static IP. This allows the user to enter their own connection settings. (see fig. 2.9.4).



The DHCP DNS (Domain Name Server) Button greys out the DNS Address field to allow for automatic detection and connection. If the user presses the DHCP DNS button, the field becomes active and the text on the button changes to read Static DNS. This allows the user to enter their own DNS settings. (see fig. 2.9.5).

Fig. 2.9.3 Screen Calibration Button



The Screen Calibration Button opens a new screen (fig. 2.9.6) which allows the user to set up the touch screen if it is not responding as well as it should.

Fig. 2.9.4 Setup Static IP Screen



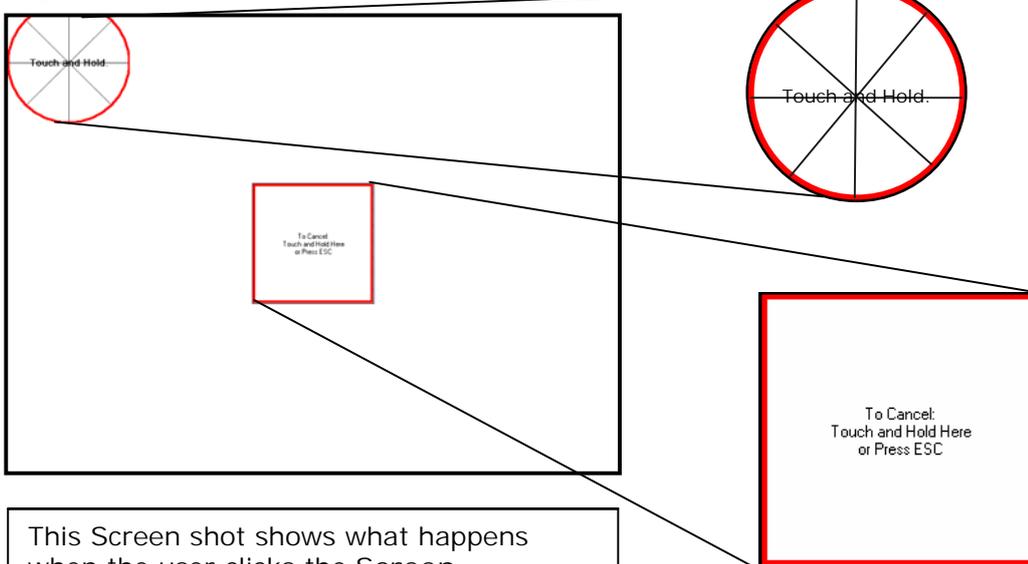
The Screen above shows what happens when the user presses the DHCP IP Address Button. Here, highlighted in the red box are the Active Address fields, to allow allows the user to enter a Static IP Address and settings. Notice also how the DHCP IP Button has changed to read Static IP. Pressing the same button again greys out the fields and returns to the automatic DHCP IP Address settings.

Fig. 2.9.5 Setup Static DNS Screen



The Screen shot above shows what happens when the user presses the DHCP DNS Address Button. It follows exactly the same principle as the DHCP IP Address Button, except that it only activates one field (highlighted in red). Pressing the same button again returns to the automatic DHCP DNS Address settings button.

Fig. 2.9.6 Setup Screen Calibration



This Screen shot shows what happens when the user clicks the Screen Calibration Button. When the button is clicked this new screen appears allowing the user to set up the touch screen, or to re-calibrate the touch screen after it has not been functioning as well as it should.



2.10 Track Lockouts

The Track Lockouts Screen enables the user to select any Tracks that the user does not wish to play due to explicit content or of other factors.

To lock a Track, all the user has to do is click on the track or artist they wish to lock or type in the Artist/Track using the keyboard.

This indicates that if the red padlock is visible on one of the Track or Artist listings the Track is 'Locked Out'. See fig. 2.10.6

Fig. 2.10 Track Lockouts Main Screen



NB: You may have noticed the Download Image -  next to some tracks. This tells the user that the track is not on the Jukebox but is available to be downloaded using the settings in the Setup Screen. Once downloaded, the track will remain on the Jukebox and the Image next to the track will have disappeared.

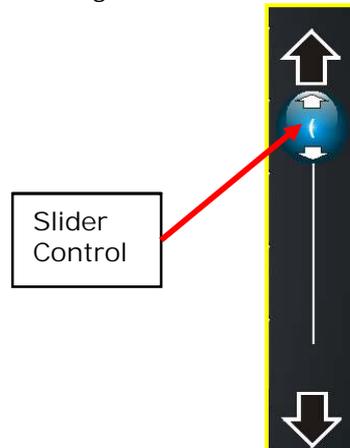
The List Box in fig. 2.10.1 displays the entire list of Tracks or Artists available on the Jukebox to be searched and 'Locked Out'.

Fig. 2.10.1 Track Lockouts List Box



The Track Listing (or Artist Listing – Fig. 2.10.6) can be browsed through by either using the Up and Down arrows which moves the list up or down 1 position at a time, or by moving the Slider Control to browse the list more quickly (fig. 2.10.2).

Fig. 2.10.2 Track Lockouts List Scroller



The Track and Artist buttons (fig. 2.10.3) allow the user to toggle the list view to show either the Tracks or the Artists currently on the Jukebox. If the button is blue, it indicates that this is the current selection. If grey, it indicates that the button has not been clicked.

*Fig. 2.10.3 Track/Artist Buttons*



The Reset Search button (fig. 2.10.4) clears any text entered by the user in the Text Field and refreshes the list view back to the start.

The Unlock All Tracks button (fig. 2.10.4) clears ALL the tracks that have been locked by the user.

*Fig. 2.10.4 Reset Search/ Unlock All Tracks Buttons*



The Text Field (fig. 2.10.5) shows the letters and/or numbers entered by the user on the Keyboard. Whenever a letter appears in this box, it automatically begins to search through the Track Listing (or Artist Listing – Fig. 2.10.7).

*Fig. 2.10.5 Text Field*

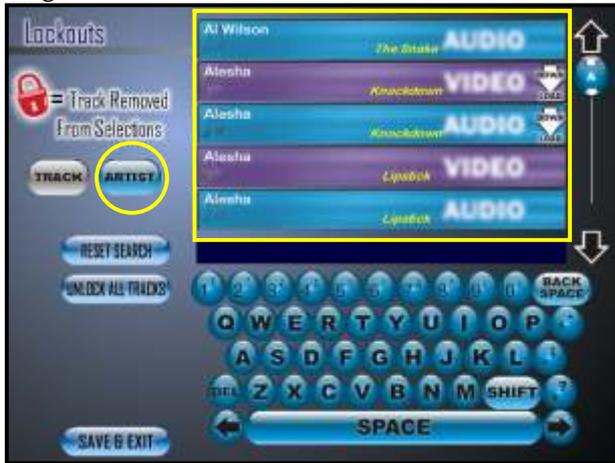


Fig. 2.10.6 Locking A Selected Track



The Screen Shot here shows a selected track which has been 'Locked Out' (highlighted in yellow). It can be unlocked by clicking on the track again or by clicking the Unlock All Tracks Button.

Fig. 2.10.7 Artist List View



The Screen Shot here shows what happens when the user clicks the Artist Button (highlighted in yellow). The list view is sorted by Artist instead of by Tracks. Any Artist now which is clicked on to be locked out will lock out the selected track by that particular Artist.

Fig. 2.10.8 Locking A Selected Artist



The Screen Shot here shows a selected Track sorted by Artist which has been 'Locked Out' (highlighted in yellow). It can be unlocked by clicking on the Artist again or by clicking the Unlock All Tracks Button.



## 2.11 Category Lockouts

The Category Lockouts Screen enables the user to select any categories that the user does not wish to play (e.g. to lock all Scottish songs if the Jukebox is in Ireland).

To lock a Category, all the user has to do is click on the Category they wish to lock or type in the Category using the Keyboard. Hence, any tracks that appear in this Category will not be displayed as well as the category on the main Jukebox Interface.

This indicates that if the red padlock is visible on one of the Category listings the Category is 'Locked Out'. See Fig 2.11.1

The Reset Search button, when clicked, clears any text entered by the user in the Text Field and refreshes the List Box back to the start.

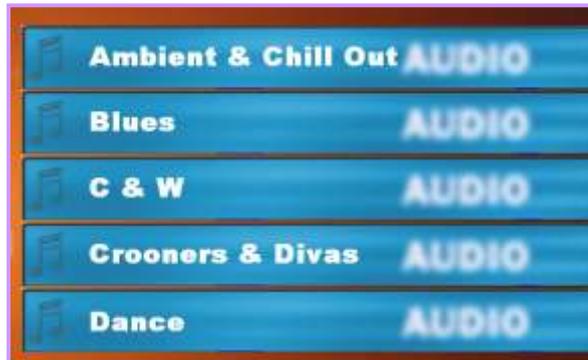
Fig. 2.11 Locking A Category



The Unlock All Tracks button, when clicked, clears all the Categories that have been locked by the user.

The List Box in fig. 2.11.1 displays the entire list of Categories available on the Jukebox to be searched and 'Locked Out'.

*Fig. 2.11.1 Locking A Category*



The Category Listing – fig. 2.11.1) can be browsed through by either using the Up and Down arrows which moves the list up or down 1 position at a time, or by moving the Slider Control to browse the list more quickly (fig. 2.11.2).

*Fig. 2.11.2 Category Lockouts List Scroller*



The Text Field (fig. 2.11.3) shows the letters and/or numbers entered by the user on the Keyboard. Whenever a letter appears in this box, it automatically begins to search through the category listing – Fig. 2.11.5).

*Fig. 2.11.3 Text Field*



Fig. 2.11.4 Locking A Selected Category



The Screen Shot here shows a selected Category which has been 'Locked Out' (highlighted in yellow). It can be unlocked by clicking on the Category again or by clicking the Unlock All Categories Button.

Fig. 2.11.5 Scrolling Through List Using Keyboard



The Screen Shot here shows the Category list view now sorted by the letter "R" using the keyboard. Note that the list displays any occurrences of Categories (or Tracks/Artists – previous section) with the letter 'R' in them, not just at the beginning of the word.