

SL45 VINYL JUKEBOX USER MANUAL VI.0 November 2017



Contents

I)	Introduction	Pg 3
2)	Taking delivery / Transit mode	Pg 5
3)	Inserting title cards	Pg 8
4)	Loading records	Pg 10
5)	Playing the Jukebox	Pg 12
6)	Connecting external audio devices	Pg 15
7)	Adding additional speakers	Pg 17
8)	Adjusting amplifier settings	Pg 18
9)	Bluetooth connection	Pg 21
10)	Diamond pack lighting	Pg 22

Free Inside...

Included in the welcome pack supplied with your Jukebox is a FREE 12 month subscription to Sound Leisure's Label Magic title card printing software.

To download your free copy of Label Magic, visit: www.label-magic.com/sl

Once you have installed Label magic, use the code printed on the postcard included in your welcome pack to activate your free 12 month subscription.



I. Introduction

Thank you for purchasing a Classic Jukebox from Sound Leisure, the world's premier Jukebox manufacturer. This product has been designed and built to give you many years of enjoyment and trouble free use.

This owner's guide provides all the information you will need to install and operate the Jukebox safely.

Important Safety Instructions

- I. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- 9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has 2 blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- II. Only use attachments/accessories specified by the manufacturer.
- 12. Use only the cart, stand, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as if a power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

Additionally

This Jukebox contains high voltage & high temperature parts. Do not attempt to carry out any work that is not specifically instructed in this manual. If the Jukebox fails to operate correctly, switch off and contact Sound Leisure on T: +44 (0) 113 232 1700. No user serviceable parts inside.

This Jukebox is heavy. DO NOT attempt to lift the unit.

DO NOT attempt to move the Jukebox with the front door open. The Jukebox is top heavy and may tip forward if moved with the front door open.

This appliance must be connected to a mains socket with a protective earth connection. The mains plug is the designated 'disconnection device' and as such should be readily operable.



High voltage

'WARNING' To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Fuses should be replaced like for like at all times.

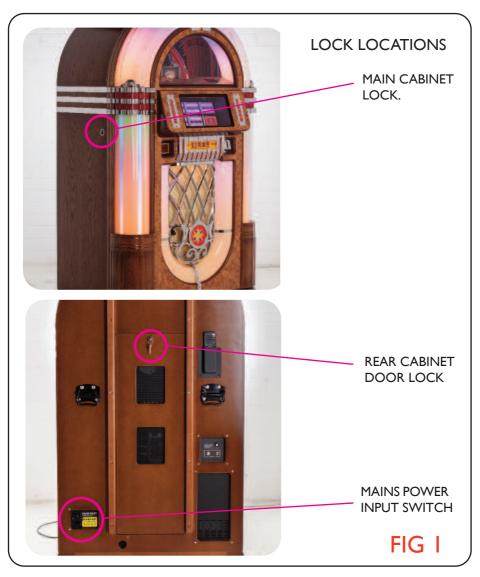
Terminals marked with the symbol above are considered hazardous live and external wiring connected to these terminals requires installation by an instructed person or the use of ready made contact leads.

Bubble Tubes

The bubble tubes in the top & side pilasters must only be handled by trained personnel. They contain small amounts of the harmful chemical DCM (dichloromethane). In the event of accidental leakage the chemical will generally evaporate. However please take the following precautions. Ventilate the room immediately by opening doors & windows. Vacate the room until any residual odour disperses. Extinguish any source of ignition. Avoid breathing vapours & contact with skin. If skin contact occurs wash immediately with soapy water, remove contaminated clothing & wash before reuse.

2. Taking Delivery / Transit Mode

Once the Jukebox has been positioned in its designated space the following instructions will allow you to prepare it for use. The keys to open the Jukebox will be found attached to the rear of the cabinet. The keys will open the side lock and the rear cabinet lock. See below (FIG I) The key will also open the cash box located on the inside of the Jukebox.



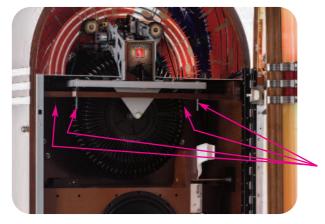
Upon delivery the Jukebox player mechanism will be locked into position by 4 wing nuts that are located under the play deck. These must be loosened before initial operation. The loosening of the wingnuts allow the mechanism to float freely and dampen any vibrations which may effect the vinyl playback.

To loosen the retaining bolt wingnuts:

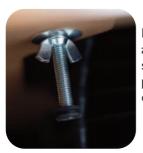
- Unlock the cabinet front door (shown in FIG 1).
- Locate the retaining bolts and wingnuts. Two are located at the front of the mechanism and two at the rear as shown in FIG 2.
- Carefully loosen the wingnuts on the retaining bolts, allowing them to rest on the rubber grommets as shown in FIG 3.



FIG 2



Location of 4 x retaining bolts and wingnuts.



Retaining bolt and wing nut shown in position upon delivery.



Loosen wing nut to this point

FIG 3

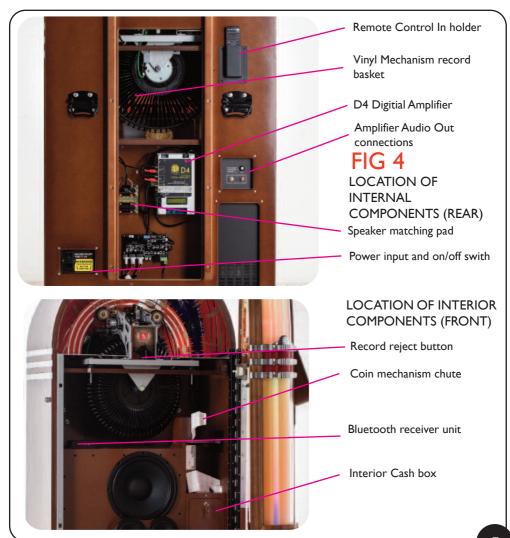
With the retaining wingnuts loosened the Jukebox is ready to be switched on.

- Close and lock the rear cabinet door.
- Plug the Jukebox in and switch the power switch on. (location of power switch is shown in FIG 1 on page 5).

The lukebox is now in play mode.

Powering OFF the lukebox:

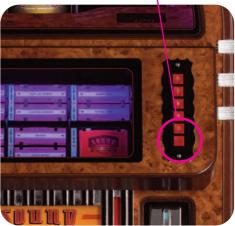
- WARNING: Eject any record prior to powering OFF the Jukebox.
- Switch the power input switch on the rear of the Jukebox to OFF Failure to eject any record prior to powering OFF can damage the mechanism.



3) Inserting title cards

Title cards





Perforated blank title cards and Sound Leisure's Label Magic printing software are included in your Jukebox welcome pack. For further details on installing your software and your FREE 12 month subscription code please see the postcard included in the welcome pack or visit:

soundleisure.com/classic-Jukeboxes/accessories/label-magic-title-card-software

This will assist you in designing and printing title cards. Additional cards are available to purchase through our website.

The Jukebox holds 70 vinyl records and can play both sides (A&B). Each title selection has a number for side A and side B. Side A numbers run from 100 - 169. Side B numbers run from 200 - 269.

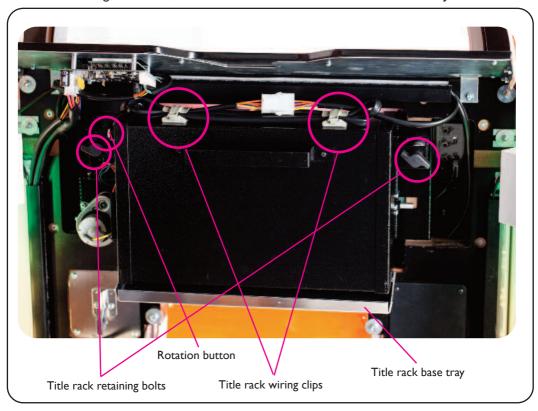
Once title cards have been printed and removed from the perforated card they can be inserted under the retaining tabs next to the number of the record they relate to. (TIP - sliding in from left to right is easier)

To rotate the pages use the blank red key on the bottom of the right hand side of the Jukebox button bank or the button on the side of the internal page unit.

WARNING : DO NOT ROTATE THE TITLE RACK PAGES BY HAND AS THIS CAN DAMAGE THE MOTOR!

Removing the title rack from the cabinet:

To insert or change title cards, the title rack module must be removed from the Jukebox first.



- Carefully unclip the title rack wiring from the quick release wiring clips.
- loosen the title rack retaining bolts by turning them anti-clockwise until you feel the screw thread pull free. The bolts can then be pulled towards you to free the mechanism.
- The title rack unit can now be lifted off the title rack base tray allowing the cable to trail.
- The title rack can be rested on the floor or a chair.
- To rotate the title rack press the rotation button on the side of the unit. DO NOT rotate the pages by hand as this could damage the motor.

4) Loading records

As previously mentioned the Jukebox holds 70 vinyl records and can play both sides (A&B). Each record has a number to play side A and another number for side B. Side A numbers run from 100 - 169. Side B numbers run from 200 - 269.

The Jukebox selects a chosen record by rotating the mechanism to the chosen number and then offering that record to the stylus. It is therefore important to make sure the records are inserted in the correct basket number and facing the correct way.

WARNING

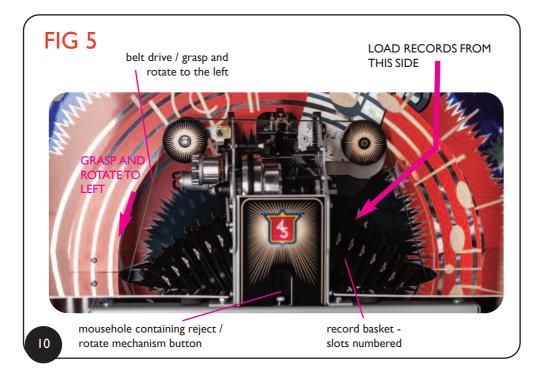
IF YOU ARE USING THE JUKEBOX WITHOUT A FULL BASKET OF RECORDS

Please space out records evenly around the basket as an unbalanced basket may cause mechanical fault.

CAUTION! MOVING PARTS!

THE MECHANISM OF THE JUKEBOX CONTAINS MOVING AND ROTATING PARTS. PLEASE BEVERY CAREFUL WHEN LOADING OR OPERATING WITH THE FRONT DOOR OPEN. ENSURE THAT LOOSE CLOTHING, JEWELERY, LONG HAIR ETC ARE KEPT AWAY FROM THE VINYL MECHANISM AND ROTATING BASKET.

For instructions on how to load records please continue overleaf.









How to load records into the Jukebox

- When the Jukebox is NOT playing. Rotate the record mechanism by grasping the belt drive and rotating to the left (anticlockwise) - (shown in FIG5)

WARNING! DOING THIS WILL ROTATE THE BASKET. PLEASE ENUSRE THERE ARE NO ITEMS IN THE WAY - SUCH AS LOOSE CLOTHING / FINGERS / JEWELLRY THAT COULD BECOME CAUGHT AS THE BASKET ROTATES.

DO NOT PLAY WARPED RECORDS AS THIS COULD DAMAGE THE PLAYING MECHANISM.

- Release the belt when the required record slot is approximately in the middle of the right hand area of the mechanism. Each slot is numbered and the triangular sticker points towards the specified slot.
- Side A should be facing towards the LEFT of the slot and side B facing the right.
- Each record slot corresponds to a title card selection number (see section 3) so it is important to ensure records are in the correct numbered slot and facing the right direction.

WHEN LOADING RECORDS IT IS ADVISABLE TO LOAD SECTIONS AT A TIME IN ORDER TO EVENLY SPACE AND WEIGHT THE BASKET. eg. Load spaces 100 - 110, rotate the basket and load 140 - 150, rotate again and load 111 - 120, then fill in the spaces.

Note: The mechanism can play both "dinked" (with a large centre hole) and normal "non dinked" records.

5) Playing the Jukebox

Making Selections

When the records and labels are installed, selections can be made using the keyboard at the front of the Jukebox or via the remote control.

To rotate the title rack pages press the blank red button located on the bottom of the right hand side of the button bank.

To play a record via the Jukebox buttons, select the 3 digit number as specified on the title card. For instance 124 (side A) or 224 (side B). The basket will rotate to that selection and the record will be lifted to the stylus to play. The selection will be shown in the display on the right hand side of the Jukebox. See FIG 6

To eject a record press the reject button located in the "mousehole" at the front of the Jukebox (shown in FIG 5)

Making Selections Via Remote Control

To make a selection via the remote control, point the remote control at the LED window and enter the number of the selection into the numeric section of the remote (see FIG 7). For example 112 (side A) or 212 (side B.) The record mechanism will rotate to that selection and play the selected track. The relevant number will show in the display (FIG 6)



Shuffle Mode

The Jukebox contains a random shuffle play feature. This feature allows continuous play of your records until the feature is disabled.

- To enable shuffle mode, press the SHUFFLE ON button on the remote control. "ShON" will appear in the display and a small dot will appear in the bottom right hand side of the display to indicate that shuffle is ON.
- The Jukebox will automatically rotate to a random selection and will continue to do so until the shuffle feature is set to OFF.
- If a track is playing at the time shuffle is selected the feature will start after that particular track has ended.
- To disable the shuffle play feature press the SHUFFLE OFF button on the remote control. "ShOFF" will be displayed briefly and the dot will disapear.
- If a selection is made whilst in shuffle mode the current track will play out before the chosen selection is played. Once the selection is played Shuffle mode will continue.

Ejecting a Record

A record that is playing can be ejected at any point by pressing the "eject disc" button or "eject track" button on the remote control.

Next & Previous

Pressing the "next" >> (skip forward) button on the remote control will eject the record playing and play the next selection (if more than one selection is waiting in the playlist) If no additional selections are waiting to be played the record will be ejected and the mechanism will remain idle.

Pressing the "previous" << (skip backward) button on the remote will eject the record currently playing then reselect it to play again.

Adjusting the volume

To increase or decrease the volume level of the Jukebox press the up and down buttons of VOL 1 buttons on the remote .

The 'VOL 2' volume keys on the remote are used to adjust the volume of any external speakers connected to the Jukebox.

Please refer to section 6 "Adding additional speakers".

Mute

Pressing the 'MUTE' key on the remote, will instantly mute the amplifier and the display will show 'L —',To return the volume to the previous level press any of the volume keys. See FIG 7.

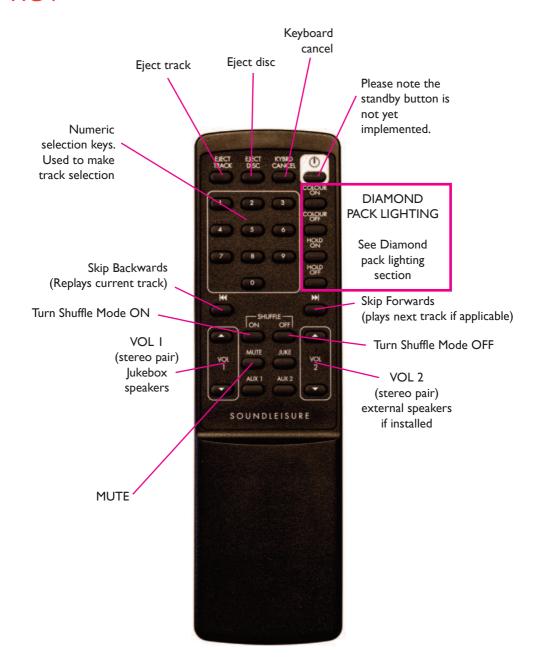
Keyboard Cancel

Should a mistake be made whilst entering selections via the remote control, pressing KYBRD CANCEL will cancel any numbers entered.

Additional buttons on the remote control

Sound Leisure use a standard remote control for all jukebox models. Therefore some buttons on the remote control may not be in use.

FIG 7 INFRA RED REMOTE CONTROL



6) Connecting external audio devices

The Jukebox has the facility to connect to external audio devices. It also features a Bluetooth module that is, by default connected to the Aux 1 input. For instructions on playing through Bluetooth see section 8.

Audio sources, such as DAB radios or MP3 players can be connected to the Aux 2 to allow them to play through the Jukebox speakers.

By default the amplifier is in automatic switch over mode, this means the 3 audio inputs are prioritised and the amplifier switches when it recognises audio coming from a specified source. Records always have the highest priority therefore if a record is playing it will supercede Aux I (bluetooth) and Aux 2 (any additional connection)

If a record is playing on the Jukebox, this has highest priority and the display will show 'Ch I'.

If a record is not playing the amplifier will prioritise 'AUX I INPUT', if audio is detected on this input for 10 seconds, this input will become active and the display will show 'Ch 2' - Therefore if a record is not playing but a Bluetooth enabled device is connected and playing the amplifier will automatically switch to this channel and audio will be heard.

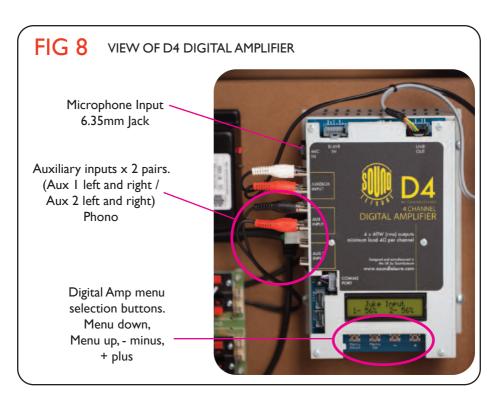
If a record is not playing and no audio is detected on 'AUX I INPUT', 'AUX 2 INPUT is prioritised, if audio is detected on this input for 10 seconds, this input will become active and the display will show 'Ch 3'.

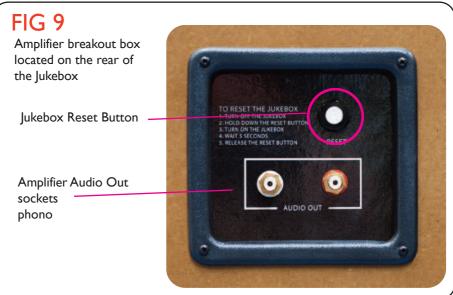
Please note:

It is recommended that the audio output level of the connected device is kept at between $\frac{3}{4}$ and full and the volume is adjusted using the volume control of the Jukebox.

The connected device should be connected in stereo.

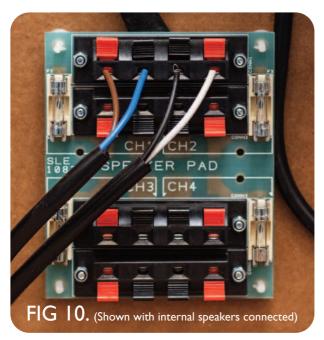
It is possible to manually switch the audio inputs using the JUKE, AUX 1, AUX 2 keys on the remote, if you would like to do this please contact Sound Leisure.





7) Adding additional speakers

The D4 Digital Amplifier has 4 independent outputs, configured as 2 stereo pairs. 2 outputs are used to drive the Jukebox's internal speakers (Shown on amplifier as Channel I) leaving 2 outputs (left and right) free for the connection of additional speakers (Shown on amplifier as Channel 3).



In the rear of the Jukebox is the 'Speaker Matching Pad' (Fig 10 above) Additional speakers should ideally be set-up in a stereo configuration where the left speaker is connected to CH3 and the right speaker is connected to CH4.

The volume for these speakers is controlled using the VOL 2 keys on the remote control.

The additional speakers should not present a load lower than 4 Ohms to each amplifier channel, please contact Sound Leisure if you are unsure which speakers are suitable or would like a different speaker set-up to the one described above.

8) Adjusting amplifier settings

It is possible to adjust the audio equalisation of the amplifier to suit a specific environment or taste. There are separate settings for the internal Jukebox speakers (Channel 1/2) and any additional speakers that may be connected (Channel 3/4).

Pressing the 'MENU UP' or 'MENU DOWN' buttons on the D4 amplifier will cycle through the available menus. Pressing the '+' or '-' buttons will increment or decrement the value of the current menu. Any changes will be automatically saved. (The location of these buttons is shown in Fig 8 on page 13) If no buttons are pressed for 1 minute, the amplifier will revert back to its default display mode.

Below is a description of the available menus:

Channel I Stereo / Mono Switch

This menu is used to set the amplifier in Stereo or 2 channel Mono This should be left as 'Stereo'.

Channel I Master

This menu sets the maximum volume level that can be achieved with the remote and should be used to set a maximum level for the Jukebox speakers.

Channel I Bass

This menu sets the bass level of the Jukebox speakers. It can provide a cut or boost of 15dB.

Channel I Middle

This menu sets the middle level of the Jukebox speakers. It can provide a cut or boost of 15dB.

Channel I Treble

This menu sets the treble level of the Jukebox speakers. It can provide a cut or boost of 15dB.

Channel I Microphone Volume

If you wish to use a microphone we recommend a wired low impedence mic. If you wish to use a wireless microphone please contact Sound Leisure.

Aux Input I

This Menu sets the master volume level for Auxiliary Input 1.

This allows the volume of the Auxiliary input to be balanced against the volume of the vinyl mechanism.

Aux Input 2

This Menu sets the master volume level for Auxiliary Input 2. See Aux Input 1 for description.

Aux Input Auto/Manual

Changes from auto input selection to manual input selection.

Contact Sound Leisure for more information.

Aux Input Time

This menu sets the time that an auxiliary input must be present before the amplifier will make it active and is defaulted to 10 seconds.

The value can be set between 2 and 60 seconds.

Microphone Voiceover / Karaoke

If karaoke is selected the music and microphone will be heard together. If voiceover is selected whenever the microphone is used the music will be muted, the music will un-mute when the microphone is no longer being used.

Microphone Bass

This menu sets the Bass level of the microphone input. It can provide a cut or boost of 15dB.

Microphone Middle

This menu sets the Middle level of the microphone input. It can provide a cut or boost of I5dB.

Microphone Treble

This menu sets the Treble level of the microphone input. It can provide a cut or boost of 15dB.

Line Out Master

This menu sets the volume level of the Audio Output.

Line Out Microphone Volume

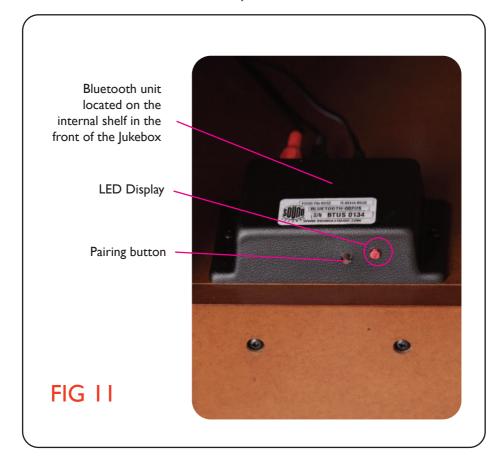
This menu sets the volume of the microphone sent to the Line Output.

Line Out Voiceover / Karaoke

If karaoke is selected the Line Out music and microphone will be heard together. If voiceover is selected, whenever the microphone is used the Line Out music will be muted, the music will un-mute when the microphone is no longer being used.

Loudness

When switched on the loudness control will provide a dynamic boost to the bass and treble when the Jukebox is used at low volume, the lower the volume the higher the boost. This is a subtle effect that adds clarity to music at low volumes.



9) Bluetooth

The Bluetooth accessory allows most Bluetooth enabled devices to wirelessly stream audio directly to the Jukebox.

To pair an audio device to the Bluetooth accessory:

- Ensure the LED on the front of the Bluetooth module is solid red.
 If the LED is not solid red, press the button on the front of the accessory to enter pairing mode.
- 2. Turn on the Bluetooth connection on your audio device and begin searching for devices (refer to your audio device manual for instruction on how to do this).
- From the list of found devices, select 'SoundLeisureJB'.
 If your audio device asks for a confirmation, press ok
 If your audio device asks for a password, enter '1234'.
- 4. Once pairing is complete, the LED on the front of the Bluetooth accessory will begin to flash green.
- The LED will change to solid green, when audio is being played on your audio device.

To pair to a new device:

Press the button on the front of the Bluetooth accessory to unpair your connected device or unpair using your audio device (refer to your audio device manual for instruction on how to do this).

The LED on the front of the Bluetooth accessory will change to solid red when unpaired.

To connect to a new device repeat the pairing procedure above.

10) Diamond Pack Lighting

The Jukebox features Sound Leisure's Diamond Pack LED lighting system. This allows the lighting of the Jukebox to be controlled and altered via the remote control.

The system features 9 preset lighting patterns for the top and pillaster sections. You can also set the brightness of these sections as well as turn off the bubble tubes completely if required.

The colour of the lighting in the title rack can also be set to one of 9 patterns.

To Set the colour pattern on your Jukebox.

- 1. To initiate the colour changing mode press COLOUR ON on the remote control.
- 2. The display will show COL I. (Col I = Pattern change mode)
- 3. Select a pattern using the number keys on the remote from 0 9.
- 4. The patterns are as listed on the opposite page (page 23).
- 5. Press COLOUR OFF on the remote control to revert back to music selection mode.

To set the brightness of the main Jukebox lights (arch and pillasters of the lights)

- 1. To initiate the brightness mode press COLOUR ON TWICE on the remote control.
- 2. The display will show COL 2. (Col 2 = Brightness mode)
- 3. Select a brightness level of 0 9 on the remote control key pad. 0 = minimum brightness 9 = full brightness.
- 4. Press COLOUR OFF on the remote control to revert back to music selection mode.

To set the colour pattern in the title rack.

- I. To initiate the title rack colour mode press COLOUR ON THREE TIMES on the remote control.
- 2. The display will show COL 3. (Col 3 = Title rack colour mode)
- 3. Select a pattern using the number keys on the remote from 0 9. The patterns are as follows.

(0) Off

(I) Fixed Red

(2) Fixed Green

(3) Fixed Blue

(4) Fixed Purple

(5) Fixed Orange

(6) Fixed Light Blue

(7) Fixed White

(8) White/Blue Fade

(9) Fade colour rotation pattern

4. Press COLOUR OFF on the remote control to revert back to music selection mode.

The patterns in the Series 3 Diamond pack lighting are as follows

(0) Rottiserie:

A pattern to mimic the classic Jukebox look. A static arch filled with greens and reds with the pillasters slowly varying through a rainbow of colours.

(I) RGB Fade:

6 Variations of colours using reds, greens and blues

(2) SLMix / Rainbow:

Slowly fading solid blocks of colour covering the whole juke box which include a large variation of vibrant hues

(3) Slow Disco:

A moving colour chase slowly changing through the colours of the rainbow

(4) Red Green Mix:

Multiple blocks of solid colours with a typically soft range of red and green tones

(5) Blue Red Mix:

Multiple blocks of solid colours with a typically harder range of red and blue tones

(6) Fast Disco:

This is identical to slow disco but with a much faster moving chase

(7) Colour Shift:

Slowly changing palette of varying colours

(8) Ladder:

A blue fill which slowly changes to yellow as the Jukebox is filled before returning to blue again.

(9) Colour chase:

A fast moving colour chase with Reds, Yellows, greens, pinks and indigo moving up the Jukebox

To turn the bubble tubes on and off.

The bubble tubes in the Jukebox can create noise as the bubbles themselves pass through the heating crystals. This is audible if the jukebox in not playing music and some users may wish to still enjoy the lighting elements of the Jukebox without the noise of the bubble tubes. The bubble tubes can therefore be turned off if required.

- To initiate the bubble tube mode press COLOUR ON FOUR TIMES on the remote control.
- 2. The display will show COL 4. (Col 4 = Bubble Tube mode)
- 3. Press 0 on the remote keypad to turn the bubble tubes OFF.
- 4. Press I on the remote keypad to turn the bubble tubes ON.
- 5. Press COLOUR OFF on the remote control to revert back to music selection mode. Please note: it may take up to 10 minuites for the bubble tubes to cool enough to stop producing bubbles. They equally may take up to 10 minutes to heat when first turned on.

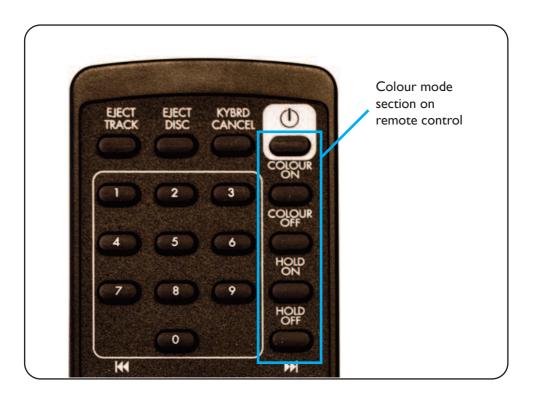
Hold ON / OFF

The HOLD ON and HOLD OFF buttons on the remote control allow the colour of the lighting in the top and pillasters to be HELD at any time. This freezes the lighting state at any point throughout the pattern.

To Hold / Release a colour.

- 1. Enter the colour mode by pressing COLOUR ON on the remote control.
- 2. Press HOLD ON. The colour will freeze at that point.
- 3. **H.** will be displayed in the display note that the dot (.) will remain all the time that a colour is held no matter what section of the remote is being used.
- 4 To release a colour enter colour mode by pressing COLOUR ON on the remote control.
- 5. Press HOLD OFF on the remote control. H and the dot will dissapear from the display.

Brightness can still be adjusted when the Jukebox is in colour hold mode.



CE Declaration of Conformity

We, Sound Leisure Ltd, UK, declare under our sole responsibility that the following products

SL15, SL45, Manhattan, Melody, 1015, 1015 Slimline, Gazelle, Britannia & Rocket Jukeboxes

To which this declaration relates is in compliance with the essential requirements of:

EMC

Council Directive 2014/30/EU

Standards

EN 55022 & EN 55024

Electrical Safety

Low Voltage Directive 2014/35/EU

Standards

EN 60065:2001(7th Ed) + A1:2005 + A2:2010 + 2014

When installed in accordance with the manufacturers specifications

Sound Leisure Ltd

Sandleas Way

Leeds

West Yorkshire

England

LS15 8AR

Signed on behalf of Sound Leisure Ltd

Chris Black

Managing Director

Date of issue: 21st November 2017

NOTES



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