Console - 20 : Vinyl LP Multichanger
User Manual

Contents

Introduction

Thank you for purchasing the Console - 20 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 product safely.

About Sound Leisure
Sound Leisure has been hand building high quality audio systems and classic styled Jukeboxes in Leeds, UK since 1978. Started by Alan Black, the company is still owned and run by the Black family and employs around 80 highly skilled people.

Important Safety Instructions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.
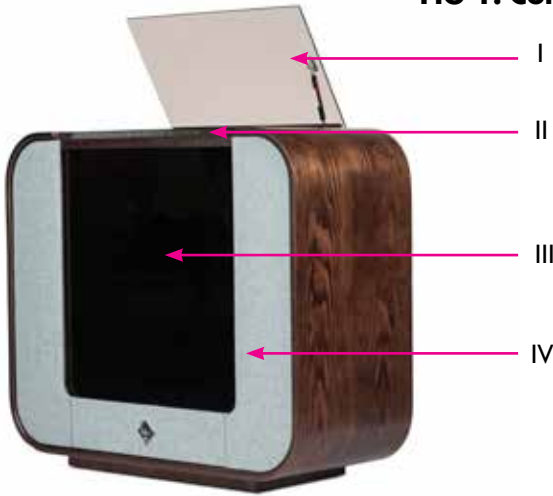
Additionally

- This product contains high voltage & high temperature parts. Do not attempt to carry out any work that is not specifically instructed in this manual. If the product fails to operate correctly, switch off the machine and contact Sound Leisure.
- This product is heavy. DO NOT attempt to lift the unit.
- 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.
- '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.

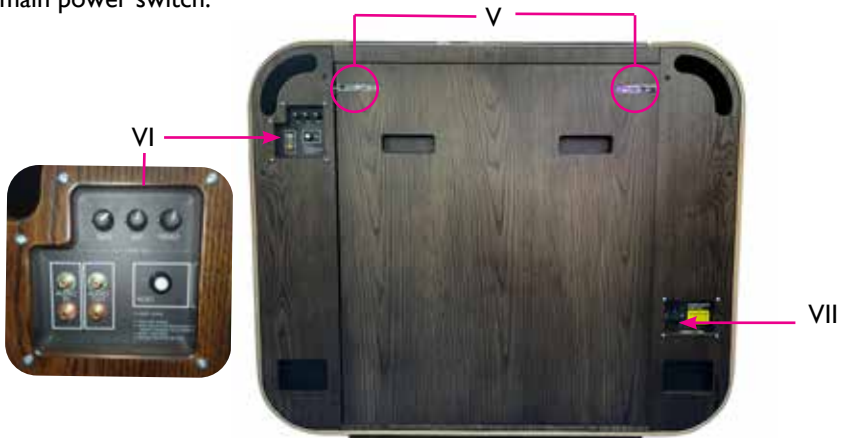- Terminals marked with the symbol above are considered hazardous live and external wiring connected to these terminals requires installation by an instructed person or the use of ready made contact leads.
- This product contains transmitter module FCC ID : T9J-RN52
- Refer to Bluetooth section for more information.
- This product is approved for operation :
  below 2000m elevation
  between 0°C and 40°C

FIG 1: Console - 20 Overview

I. Glass lid (Shown Open). / II. Touchpad control panel. / III. Front glass. IV. Removable magnetic speaker covers. //REAR// V Rear door bolts / VI Audio panel : Aux Inputs / Outputs - Reset button - 3 band Eq / VII Power socket and main power switch.

VIII. Speaker covers removed to show location of internal LCD display.

Taking Delivery / Transit Mode

Once the Console - 20 has been positioned in its designated space the following instructions will allow you to prepare it for use.

NOTE : To remove the Console - 20 from transit mode you will need to gain access to the rear panel. It is important to be able to gain full access to the rear panel yet still position the Console - 20 once out of transit mode. It is advisable to find a position where it is able to be repositioned to its final place easily and safely whilst still having access to the rear panel.

Transit Mode
Upon delivery the player mechanism will be locked into position by 2 x 10mm bolts. The tone arm and platter motor are also held in place by a retaining plate and there will be various pieces of packing and foam supports holding the mechanism and playing components in place. It is important to work through methodically to remove these in order to set the Console - 20 up - ready to play.

The following pages will show how to remove all these items and set up, ready to play.

Ensure you store the removed components safely as these will be required should you need to move the Console - 20 in the future.

Remove the packing foam
Upon delivery the Console -20 will contain various bits of card and foam packing designed to wedge into moving parts ensuring that they do not move in transit. These will be required to be removed. The location of the foam packing is shown in the image below. Gently grasp and pull any foam free.
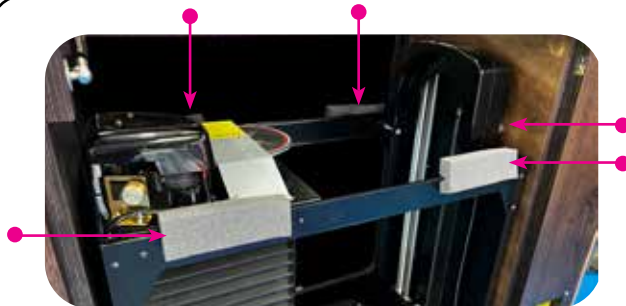

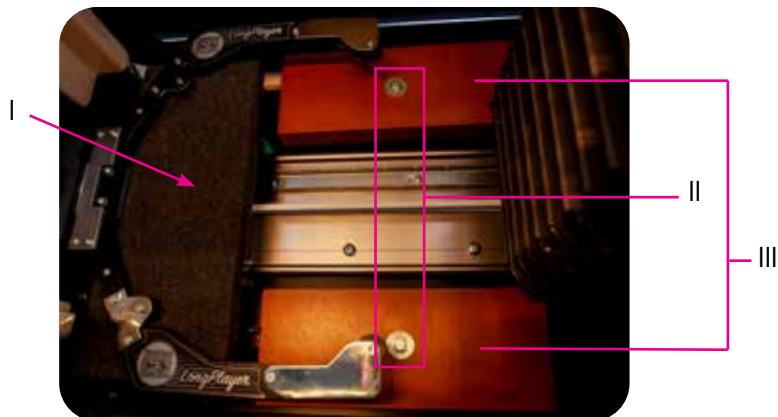**FIG 2: Remove denoted packing foam - Shown from rear door.**

Removing the transit retaining bolts and foam. Fig 3

- With the Console - 20 powered OFF unbolt and remove the rear door. PLEASE NOTE that there may be packing foam between the rear door and the mechanism. Remove this and store for future use.
- At the base of the mechanism and you will see 2 x 10mm retaining bolts securing two wooden blocks and a section of retaining foam underneath the mechanism arm.
- Remove the retaining foam from beneath the mechanism arm by gently pulling the foam to the left (towards the record stack).
- Using a 10mm spanner or socket screwdriver, carefully remove the retaining bolts and the wooden blocks avoiding any contact with the LP Changer Arm. The Lower section of the mechanism is now ready.

Preparing the Playing Area

- From the rear of the machine (through the rear access door) reach up and push the glass lid from underneath to raise it. Go to the front of the machine and Manually raise the glass to its full height.
- Look into the playing area on the right hand side of the cabinet - as shown in Fig 4.
- Carefully remove the transit plate retaining tabs by loosening the screws with a suitable screwdriver then removing the bolts with a 5mm nut spinner or spanner. The transit plate is now able to be lifted from the playing platter and tone arm. It is important to remove the plate by lifting directly UP so as not to damage the tone arm. The plate should be kept safe for use if the Console is to be moved in the future.
- Remove the retaining foam from under the tone arm.
- Remove the clear plastic stylus cover (shown in FIG 4) by sliding it towards you.
- Manually close the top glass.
- Power on the Console-20 using the main power switch on the rear of the cabinet. (Fig1)
- Press the white RESET button on the back of the Console. (Fig 1) to exit transit mode. The mechanism will raise then return to its home position with the LP changer arm at the top.
- The Console-20 is now ready to load records and play.

FIG 3: LP Mechanism as seen from above

I. Retaining foam / II. 2 x 10MM retaining bolts. / III Wooden blocks

FIG 4: LP Mechanism playing area

I. Transit plate retaining screws and bolts / II. Transit plate / III. Retaining foam / IV. Tone arm / V. Stylus cover - gently pull forward to remove

Placing the Console-20 in Transit mode
REMOVE ALL RECORDS BEFORE TRANSIT

- Should you need to move the Console - 20 it is recommended you put it into "Transit" mode. This ensures that nothing can be damaged whilst it is being transported.
- ENSURE that all records are removed from the Console - 20 before transporting
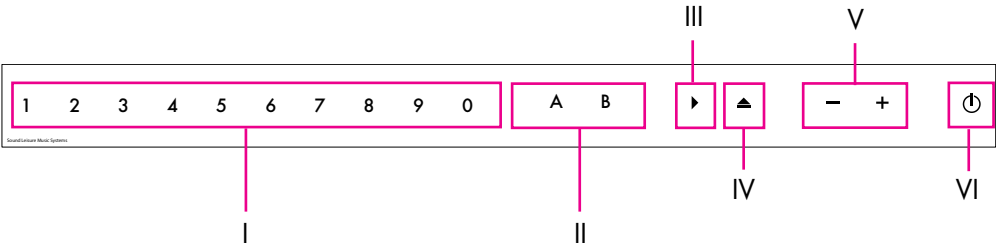
To place in Transit mode :

- When the Console is "idle - i.e. not playing a record" press and hold the white RESET button on the rear of the Console for 5 seconds
- The mechanism will first move to its home position at the top of the cabinet. Then the LP changer arm will move to the lowest position in the cabinet.
- Replace all the playing area transit parts.
- Using a suitable screwdriver, replace the screws into the transit plate and secure.
- Replace the tone arm sponge and stylus cover.
- Once the transit components in the playing area are secure close the top glass.
- Power off the Console - 20 using the power switch on the back.
- Open the back door of the cabinet.
- The wooden transit blocks and retaining bolts can be replaced and screwed securely into position.
- Replace the foam underneath the mechanism arm.
- Replace any additional foam between the door and the mechanism before replacing the back door of the cabinet.
- The Console - 20 can now be safely moved.

Console Operation

Touchpad Controls

The Console - 20 utilises a capacitive touchpad for the majority of its controls (The console - is supplied with an additional remote control for further functionality) Using the touchpad is simple and requires only a light touch to select items. When an item is selected the LED light above the item will be lit. As a touchpad selection may have more than one function, these colours might indicate different things so its important to read additional sections of this manual to familiourise yourself with the lights.

FIG 5: Touchpad Controls

I. LP Number Selections // II. A and B side selection // III. Play - Speed select - Initiate shuffle mode // IV. Eject side/all - Cancel - Raise Lid - Initiate load mode // V. Volume // VI. Sleep mode

Loading Records

CAUTION! MOVING PARTS! THE MECHANISM OF THE CONSOLE-20 CONTAINS MOVING AND ROTATING PARTS. PLEASE BE VERY CAREFUL WHEN LOADING OR OPERATING WITH THE TOP GLASS OPEN. ENSURE THAT LOOSE CLOTHING, JEWELLERY, LONG HAIR ETC ARE KEPT AWAY FROM THE Console MECHANISM

The Console - 20 has an auto loading mechanism to ensure the safe delivery of your vinyl records. DO NOT attempt to load records manually as this will cause damage to your records and the console : Follow the procedure carefully.

> **IMPORTANT WARNING!**
> **DO NOT USE WARPED RECORDS IN THIS MACHINE. RECORDS THAT ARE NOT FLAT WILL NOT BE ABLE TO BE SELECTED BY THE ARM AND WILL CAUSE SERIOUS DAMAGE TO THE MECHANISM AND YOUR RECORDS. DOUBLE CHECK YOUR RECORDS FOR WARPING BEFORE LOADING THEM. ADDITIONALLY, ENSURE ONLY LP RECORDS WHICH COMPLY WITH BS7063:1989, IEC 98: 1987. SEE PAGE 22 FOR FULL DETAILS. FAILURE TO DO SO MAY DAMAGE YOUR JUKEBOX MECHANISM AND RECORDS!**

How to load records using the auto load facility

- Eject any records currently playing using the eject ⏏ button on the touchpad. The mechanism will return the record to its position in the record stack and the changer arm will return to its idle position.
- Use the eject ⏏ button on the touchpad again to open the top glass door of the console. The lid will open a small amount. Manually lift the glass the rest of the way open.
- Press the eject ⏏ button on the touchpad once more and the LED above the eject button will illuminate RED. This indicates the Console is in load mode. (The load button on the playdeck will also illuminate Red)
- Select the number of the record position you wish to load using the number keys 0 - 20 then press the "Play" ▶ button.
- The mechanism will move and select the record chosen and place it on the turntable.

NOTE : Even if there is no record in the stack (i.e. when the Console is first delivered and the stack is empty) the mechanism will still run through the

process of selecting the record from that position and moving it to the turntable.

- Swap the record you wish to replace with the new record on the turntable. Or, if this is the first time you have loaded the Console, place the record A side up on the turntable.

- Set the speed of the record by pressing the play ▶ button once again. The LED over the top of this button indicates the speed set. Green indicate 33rpm (LP's) and Red indicates 45rpm (12" singles usually play at 45rpm) Pressing the play ▶ button will change the speed.

  NOTE : THE Console WILL NOT PLAY 7" SINGLES

  Green = 33 RPM
  Red = 45 RPM

- Once the desired speed has been set. Press the eject ▲ button and the mechanism will return the record to the chosen position in the record stack.
- Repeat this procedure for all records you wish to change. Once finished close the glass door and the Console will return to normal operational mode.

Playing the Console

Making Selections

- Once the Console is loaded with records selections can be made.
- To play a record, select the 2 digit number (1 - 20) as required using the touchpad. For instance pressing 1 then 4 will select the record in position 14 in the stack. The LED will light for each number pressed. If you make a mistake while entering a selection selecting that number again will DE-Select it and the LED will go out.
- The "Side" LED A/B will be illuminated. Leave them both lit to play the entire album or de-select a side as required. Any side that is Illuminated will play.
- Press the Play button and the mechanism will select the record and play.
- Repeat this process to build up a playlist.

    Note the Console only plays entire sides and cannot play individual tracks.

Ejecting a side, record or playlist

The eject button ⏏ can be used to remove the current record playing from the turntable.

- A Brief press - a blue light showing - ejects the current side.
- A short press until a green light shows - ejects the record.
- A Long press until a red light shows - ejects the current record and clears all selections on the playlist.
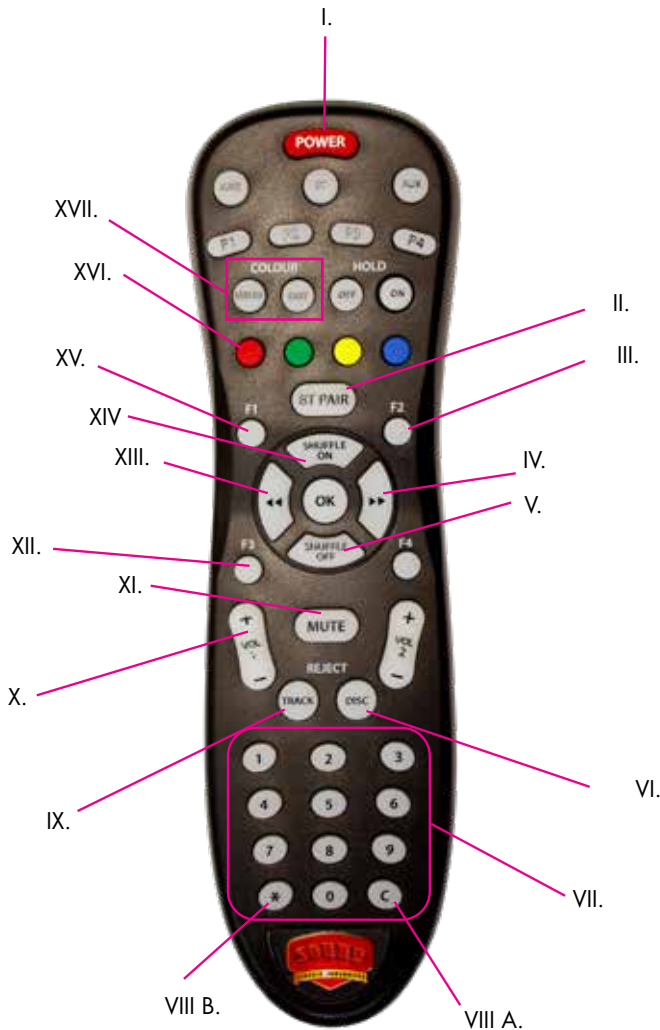
Using the remote control

The Console - 20 is equipped with a remote control. This can be used to make selections and eject records, adjust the volume and lighting and select shuffle modes. A diagram of the available functions of the remote are shown in Fig6 opposite.

- PLEASE NOTE : Some of the functions on the remote control are not available on the Console -20

FIG 6 : Remote Control

Selections and additional functionality of the Console can be controlled via the
remote control supplied with your Console.

I.Sleep mode (places the Console into low power standby) // II.Bluetooth pairing // III. Sequential play
// IV .Skip forwards (Plays next track if applicable) // V. Turn shuffle mode OFF // VI.Reject disc // VII.
Numeric selection keys. Used to make track selection press OK Key to finilise selections // VIII A. B side
selection (on/off) - VIII B. A side selection (on/off) // IX. Reject track // X. Vol 1 (stereo pair) Console
speakers // XI.Mute vol // XII. Raise top glass // XIII.Skip backwards (replays current track) // XIV. Turn
shuffle mode ON // XV. Clear playlist // XVI. Toggles the current speed of the record // XVII. Lighting
control (see lighting section)

Adjusting Volume

As a precaution against overloading the speakers when switching the Console on, the volume is preset to a low level.

- To raise the volume to the preferred level, select a track, wait until the disc is playing, then adjust the volume using the **+ -** Keys on the touchpad. The VOL 1 buttons on the remote can also be used.
- Pressing the 'MUTE' key on the remote, will instantly mute the amplifier. To return the volume to the previous level press any of the volume keys.

Adjusting the EQ

The eq tone can be adjusted using the EQ pots on the rear of the Console-20 (shown in Fig1) Adjustments can be made for Bass / Mid / Treble

Powering Off the Console : Sleep Mode

It is recommended that the Console is powered off using the standby procedure and then to "full off" at the mains switch if required. This ensures that discs are ejected and the mechanism is in a safe position. Failure to power the Console down in this way could damage the Console mechanism.

To power off the Console

- Press the "POWER" ⏻ button on the right hand side of the touch pad or at the top remote control (Fig6) If a disc is playing it will be returned to its position in the mechanism stack. The mechanism will then return to its home position at the left hand side. The LED's on the touch pad will "cascade" and the Console will go into sleep mode. To bring the Console out of sleep mode press the power button again.

NOTE : Sleep mode is useful if you are going to be using your Console within a day or so. This will conserve power but still "wake' the Console quickly should you wish to use it.

If you are not going to use the Console for a few days then it is recommended to use sleep mode followed by a full power off using the power switch on the back of the Console.

Shuffle Mode and Sequential Play

The Console features a random shuffle mode as well as a sequential play mode. These features allow continuous play until the function is disabled. If a manual selection is made when shuffle mode is enabled then the currently playing side will play out before the chosen selection is played. Once the manual selection has been played shuffle or sequential mode will continue until it is disabled.

Shuffle Mode

• This mode will play the entirety of a disc (both A&B sides) before randomly selecting another disc and playing. This mode will continue to play random disc albums until the mode is disabled.

To Enable or disable Shuffle Mode

• Press the play ▶ button on the touchpad until the LED over the icon shows BLUE.
• This indicates that shuffle mode is enabled.
• Shuffle mode can also be enabled using the Shuffle On/Off buttons on the remote control.
• To disable shuffle mode, Press play ▶ again. This will disable shuffle mode and the blue LED indicating shuffle mode will not be illuminated.

Sequential Play

This feature plays the records in ascending order e.g: 1A - 1B - 2A -2B. The mechanism will start from its current position and then play sequentially until the feature is turned off.

NOTE : Random shuffle mode will over ride sequential mode and sequential mode cannot be activated when other shuffle modes are in operation.

To enable or disable Sequential Modes

• Sequential mode is only selectable via the remote control.
• Ensure random shuffle mode is not in operation.
• Press the F2 function key on the remote control.
• To disable sequential mode press F2 on the remote control.

Connecting external audio devices

Connecting an audio source to the Jukebox input

Audio sources, such as DAB radios or streaming devices can be connected to Aux 2 input on the D4 amplifier. The Console -20 automatically switches inputs.

- The player mechanism is the default device and will always take priority over any other audio sources.
- If the player mechanism is idle (no disc playing), the Bluetooth will take priority.
- If the player and Bluetooth are not playing then the Aux 2 input will take priority.

Please note: It is recommended that the audio output level of the connected device is kept at between 3⁄4 and full and the volume is adjusted using the volume control of the Console.

Connecting to the Jukebox audio output

An audio output is provided to allow the Jukebox to play through another amplifier, such as Surround Sound or Multi-room audio system.

Connect a stereo phono lead to the Audio Out connections located on the rear of the Console - 20. (FIG1)

The audio level is approximately 2Vp-p but will vary depending upon the audio being played.

Bluetooth

The Console allows audio streaming from any compatible device via Bluetooth.

To pair an audio device to the Console -20.
- Press the BT PAIR button on the Console remote control.
- "BT ON" will show on the Console display.
- 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 search and pair to a device).
- The Console will show as the name "ClassicJB - XXXXX"
- The pairing procedure is only required on the first connection. Once your device is paired, it is possible to reconnect by selecting "SoundleisureJB" from your devices paired list. It is not necessary to press the BT PAIR button again.
- The Console can remember up to 8 paired devices. (Although only one can be playing at a time)

Important Bluetooth Information
Console contains transmitter module FCC ID : T9J-RN52

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into a mains outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Console Lighting Adjustment

The Console - 20 has two interior LED lighting strips giving subtle illumination to the mechanism as it selects records and to the turntable area as the records play. The brightness of these areas can be set using the remote control.

To Set the brightness of the mechanism area lighting
- Initiate the lighting mode by pressing "COLOUR MENU" ONCE on the remote control.
- This selects the mechanism section of LED lighting
- The brightness can be set from 0 (off) - 9 (full)
- Use the number buttons 0 - 9 on the remote control to set the brightness
- Press COLOUR EXIT on the remote control to exit lighting mode and revert back to music selection mode.

  Note : The mechanism LED is not always illuminated when in operation. It fades up and down as the mechanism moves.

To set the brightness of the playing area lighting
- Initiate the lighting mode by pressing "COLOUR MENU" TWICE on the remote control.
- This selects the playing area section of LED lighting
- The brightness can be set from 0 (off) - 9 (full)
- Use the number buttons 0 - 9 on the remote control to set the brightness
- Press COLOUR EXIT on the remote control to exit lighting mode and revert back to music selection mode.

Troubleshooting and error codes

Great care has been taken to ensure your discs are protected whilst in the Console. The mechanism carries out numerous checks to ensure it is running correctly. In the unlikely event of an error the mechanism will freeze position and one of the following error codes will be displayed on the internal LC display. - This LCD display is located in the top of the right hand speaker cavity. To read, remove the front seeker cover on the right hand side of the console. The LCD can be seen through the top cavity.
(Location shown in Fig 1)

General errors are as follows :
1.0 : PSU module not detected
2.0 : Display module not detected
3.0 : Amp module not detected
4.0 : Mech module not detected
5.0 : Lighting module not detected

Mechanism error codes as follows :
4.01 : Low Voltage
4.02 : EEPROM Read/Write
4.03 : Vertical Motor
4.04 : Horizontal Motor
4.05 : Turn Table Error
4.06 : Flip Error
4.07 : Tone Arm Error
4.08 : Record on Turntable
4.09 : Over Temperature

How to clear an Error Code.
- Open the top glass of the Console.
- Remove any jammed records from the mechanism.
- Press the reject button located on the rear of the machine (see Fig 1)
- Close the front glass of the Console
- The mechanism will then re-synchronise and resume normal operation.

IF YOU ARE UNSURE HOW TO PROCEED PLEASE CALL SOUND LEISURE :

Email : CDTech@soundleisure.com
Tel : +44 (0) 113 232 1700

IMPORTANT INFORMATION
PLEASE READ PRIOR TO USE. DOING SO WILL AVOID
POTENTIAL DAMAGE TO YOUR RECORDS AND LP
PLAYER MECHANISM

Important Operating Information for Sound Leisure LP Autochangers.

The autochanger is designed to play only industry specification LP records which comply with BS7063:1989, IEC 98: 1987.

This states that the diameter for a standard LP record is 300mm.

The autochanger will accept larger diameters of max 303mm and smaller diameter of min 298mm.

Anything outside these dimensions could cause damage to the mechanism or damage the record itself.

It is also important that the record spindle hole is clean and truly central and will freely fit over the turntable shaft.

Do not play badly warped LP's or heavily dished records.

CE Declaration of Conformity

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

Silverage Jukebox Range: CD, 45, LP

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

Radio Equipment Directive 2014/53/EU
Standards EN300 328 V2.1.1

EMC Directive 2014/30/EU
Standards   EN 55022 & EN 55024

Low Voltage Directive 2014/35/EU
Standards   EN 62368-1:2018

RoHS Directive 2015/863/EU

When installed in accordance with the manufacturers specifications

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Signed on behalf of Sound Leisure Ltd

Chris Black
Managing Director

Date of issue: 19th August 2020

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