

**25**  
**CE**

**WURLITZER®**

***Vintage***  
***850 Peacock***

***Classic***  
***850 Peacock***



**OPERATING INSTRUCTIONS**

## Warning



**Although the beam emitted by the laser diodes is nearly invisible, it may cause damage to the human eye. When the laser is being operated, the emitting surface must not be viewed either directly or through a lens, fiber or mirror.**

## Caution



**The CD mechanism and many electronic components are extremely susceptible to electrostatic discharges.**

**Careless handling may immediately destroy components or can drastically reduce life expectancy of these components so that it will lead to failure after several weeks or even months of use.**

**Before you touch the player, discharge your hands and tools by touching a grounded metal part of the jukebox, such as the amplifier or the machine chassis. Do not touch terminals or electronic components.**

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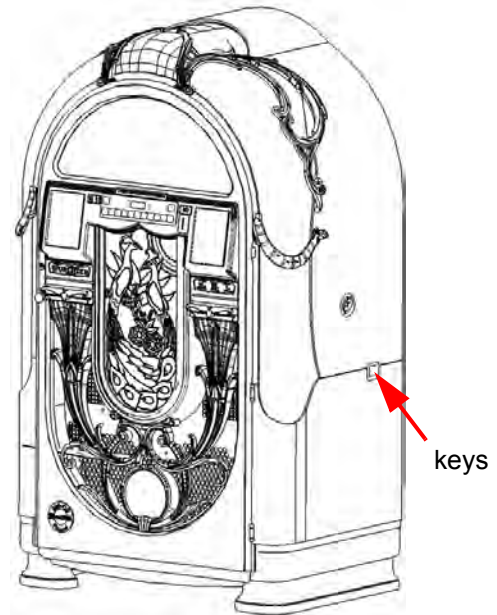
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## 1 Unpacking

### 1.1 Unlocking

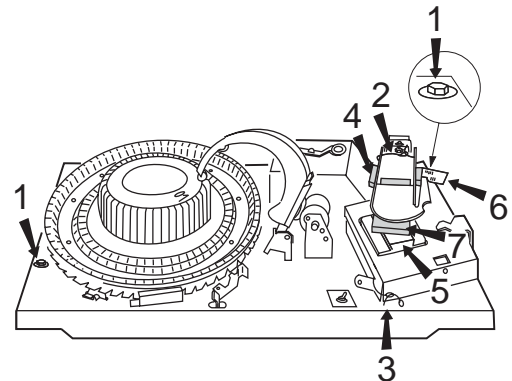
The keys are stored in the coin return cup in the RH cabinet wall. The key WUA 1 unlocks the cabinet by turning the key clockwise. The lock is spring loaded, press slightly against the door, this allows the key to turn easily. The two other keys with 5 digit number codes unlock the cash box inside the jukebox.

In case an infrared remote control is installed, the hand transmitter is located in the cash box.



### 1.2 Removal of mechanism shipping guards

1. The mechanism platform is fixed to cabinet with one bolt in front LH side (1) and one bolt back RH side (1). Remove both completely using a 13mm spanner or a large screw driver.
2. Remove plastic string at the pivot point of the pressure arm (2).
3. Remove plastic holder securing CD player chassis (3).
4. Remove foam (4), laser cover (5) securing laser head in CD player and instruction plate (6).
5. Remove foam between magnetic pressure disc and black plastic cover (7).



## 2 Setting the jukebox into operation

### 2.1 Power on

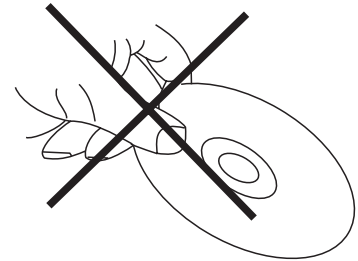
**IMPORTANT:** Make sure that wall socket is grounded properly.

The CD-jukebox operates on normal household power outlet. Set mains switch at rear wall of cabinet to on position. If the selection and credit memory is empty the basket turns once and the left two digits show alternatly a "0". After a short time the display counts up to the carrier size in the two RH digits (00 for 100 discs). After this the basket stops in position "01". The digital display shows "0 0 0 0", then "0 0 0 1".

### 2.2 CD handling precautions

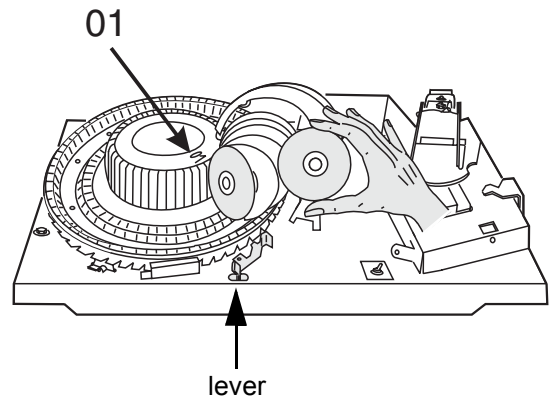
Dust, fingerprints or other dirt on the disc surface can cause skipping, jumping or sticking problems.

Use only clean and undamaged CDs. Never touch the surface of a disc.



### 2.3 Inserting CDs

You can insert up to 100 CDs. Start with 01. The "Label" must show always to the left, towards the next lower number. To achieve the optimum position for loading, press in steps the lever "rotate carrier". If less than 100 discs are used, the number of discs used has to be programmed in the service program level 1, button 5 (see chapter "Programming number of CDs in the carrier", [see page 5](#)).



**ATTENTION!** The position '00' is the 100th CD.

It is recommended to insert the Compact Disc and then the title page into the appropriate numerical slot position of the motor page system. The pages can be turned manually by hand without any damage to the motor drive.

**Note: There are only 80 title pages available.**



**IMPORTANT:** After unpacking or if you turned the pages manually sometimes it seems that the motorbook does not turn properly. In this case turn the whole motorbook once forward and backward using the buttons.



buttons to turn the motor book

It is necessary to reprogramme the number of CDs in the carrier if a number less than 100 discs are inserted to avoid the changer mechanism operating with empty compartments.

If the number of CDs is programmed correctly the display will flash when you select an empty compartment. A flashing display always indicates a wrong selection or not enough credit.

The number of CDs in the carrier has to be pro-grammed in service level 1, selection button 5, described as follows.

## 2.4 Programming number of CDs in the carrier

At the rear wall inside the jukebox cabinet the Selection & Credit Computer is situated.

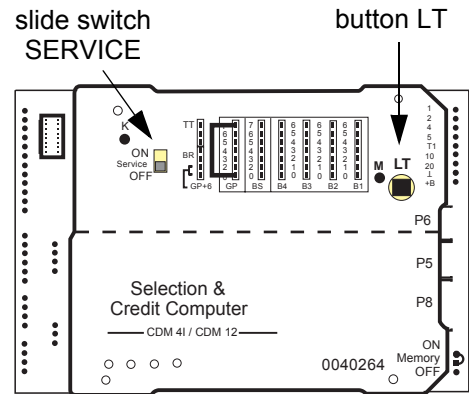
To programme the number of inserted CDs (service program, level 1):

1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Press selection button 5 -hold down- and press selection button R than release both buttons. Enter the number of inserted CDs (without BGM CDs) with two digits followed by 00, example: 50 for 50 discs (exception: 100. CDs = 00).
4. To check the new settings, press selection button 5 again.

Programming number of CDs in the carrier

**Exit the service program:**

1. Set the slide switch 'service' at the SCC unit to OFF.
  2. Press 'LT' button.
- The changer starts an initialisation run. After this the jukebox is ready to operate.



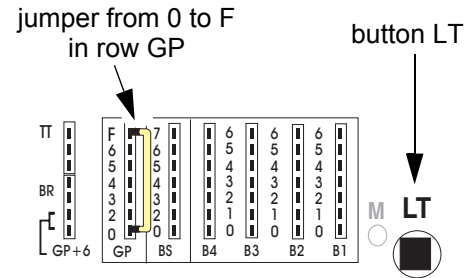


### 3 Coin operation or free play?

Both coin operation or free play are adjustable at the “Selection & Credit Computer” unit. It is located at the rear wall inside the cabinet underneath the CD-player. Special jumpers (short wires, located in the accessory pack of the manual ) are used to be set on the SCC-unit. As long as no jumper is set in row GP from 0 to F (free play) the jukebox works with coins only.

#### 3.1 Coin operation

From factory the jukebox is set to coin operation. If you insert a certain number of coins according to the denomination label, the jukebox gives the credits or plays it is adjusted for. If you want to change the play prices you have to change the jumper settings on the SCC-unit. See examples in the accessory pack.

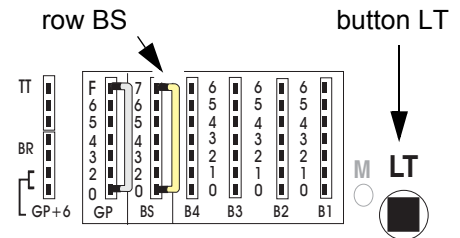


denomination label

#### 3.2 Free play

To set the jukebox to free play:

1. In case there are already jumpers in the rows GP and BS, notice their position (for later resetting to coin operation) and remove them.
2. Set a jumper from 0 to F (free play) in the row GP on the SCC unit.
3. Press 'LT' button.
4. Now one track is selectable without coin insertion.
5. In between **two to six plays** are selectable by setting an additional jumper in the row 'BS' (Bonus Step) from 0 to 2 or from 0 to 6.
6. **Up to 47 tracks** are pre-selectable by setting a jumper in the row 'BS' from 0 to 7.



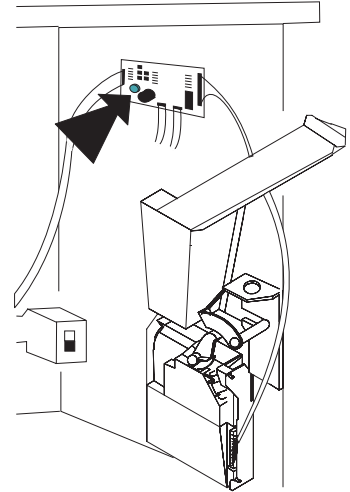
## Test credit

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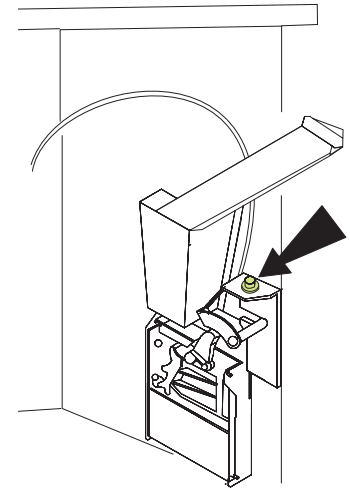
### 3.3 Test credit

For repair and test purposes it is possible to give test credits. By touching the test credit button you get one credit also shown in the digital display. You can terminate un-used credits by pressing the LT button.

In jukeboxes with an electronic coin validator you can find the test credit button on the coin validator interface board.



In jukeboxes with mechanical coin validator the test credit button is mounted over the return lever inside.



## 4 Track selection

### 4.1 How to select a track

If credit exists or free play is set you can select tracks by means of the buttons 0 - 9 on the keyboard. First enter the number of the CD with two digits, then the track with two digits too.

Example: CD 2, track 9: Enter 0 - 2 - 0 - 9 (Exception: CD 100 = 00.)

### 4.2 The button R

You can delete wrongly entered numbers up to the third digit by means of the button R (Reset). But after having entered the fourth digit the jukebox stores and executes a selection. By pressing the button R the available credit will be displayed for a few seconds.



button R

### 4.3 The display flashes

After entering the fourth digit of a selection the jukebox starts to search and play the selected CD immediately. If the display flashes the entered selection was not valid.

Check:

- if credit is available or
- if the selection is higher then the programmed number of CDs in the carrier

If you select a higher track number than available on a CD the jukebox overcounts the tracks and starts at the beginning.

Example: CD 03 contains 17 tracks. But selected track is 0 - 3 - 1 - 9. The jukebox plays track 02 of CD 03.

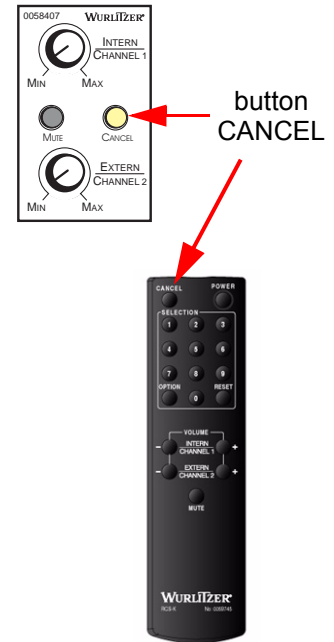
**A maximum of 25 tracks per CD can be selected!**



#### 4.4 I do not like this track - the button CANCEL

If you do not like a track you can cancel it by pressing the button 'CANCEL' at the rear side of the jukebox or at the remote control. The jukebox stops playing or plays the next track if a selection has already been made.

You can terminate all selections only by pressing the button LT on the SCC unit.



#### 4.5 Albumplay - playing a whole CD

You can select a whole CD by entering the CD number followed by '00'. Condition is that 'Albumplay' is enabled and the SCC has either reached the fourth bonus level or free play is set.

##### How to programme 'Albumplay' (service level 2):

1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Press selection button 4 - hold it - and selection button R, release both buttons. Service program, level 2 is reached.
4. Press selection button 9 -hold down- and press selection button R. Release both buttons. Enter 01 to enable (or 00 to disable) 'Albumplay'.

To check, press selection button 9 again.

##### Exit the service program:

1. Set the slide switch 'service' at the SCC unit to OFF.
  2. Press 'LT' button.
- The changer starts an initialisation run. After this the jukebox is ready to operate.

## 5 Volume, sound and balance control - amplifier K99

### 5.1 Volume control

You can control the volume of the jukebox from different points at the same time:

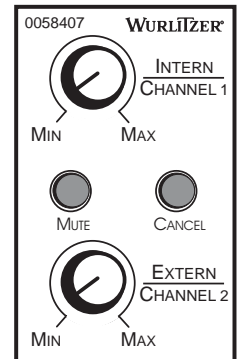
1. With the pots of the control box at the rear side of the jukebox.
2. With an optional installed IR remote control.

The device from which the volume is altered last determines it.

The volume control unit can be taken out and may be mounted at another place as a remote control. Its cable may be extended as required with any kind of wire. The voltages of the control wires are 5V DC.

The control unit has two volume knobs (Intern / Channel 1 and Extern / Channel 2). In position 'Stereo' the knob 'Intern / Channel 1' is effective for the internal speakers. The knob 'Extern / Channel 2' is controlling the volume of the RCA outputs for an optional external amplifier. In position '2 Channel' of the DIP switch the channels 1 (RH) and 2 (LH) are controllable separately.

**The pots Vol. 1 and Vol. 2 on the amplifier are not effective if the volume control unit is connected.**



volume control unit

## The infrared remote control

### 5.2 The infrared remote control

If an infrared remote control is installed it can be operated parallel to the volume control unit.

If credit is given or free play is programmed a CD can be selected with the buttons 0 to 9 and R.

Double button functions as required in the service programs (i.e. press button 5 -hold down- and press button R), are impossible. For this you only can use the keyboard of the jukebox.

You can control the volume by means of the buttons + and -. In stereo mode the internal +/- buttons control the volume of the internal speakers. The external +/- buttons control the volume of the K99 RCA jacks for an optional external amplifier. In 2-channel mode you can control the external speakers by the buttons + and - of the external channel.

Beam the jukebox directly if possible.

You can connect the wire remote control box as well.

The power-on volume level is always set by the volume control unit.

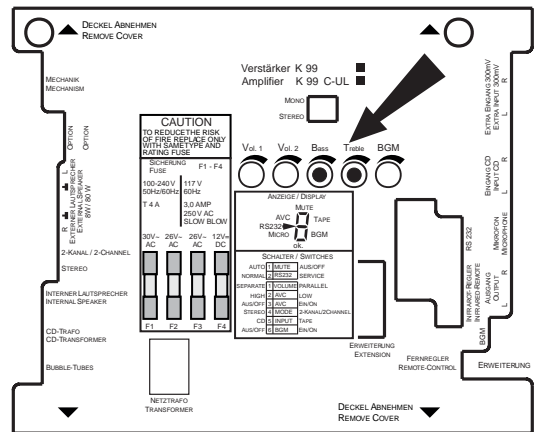
Batteries will be delivered in the additional bag.

Part no. of the hand transmitter: 0059745.



### 5.3 Treble and bass control

You can control the sound with the knobs bass and treble on the amplifier.

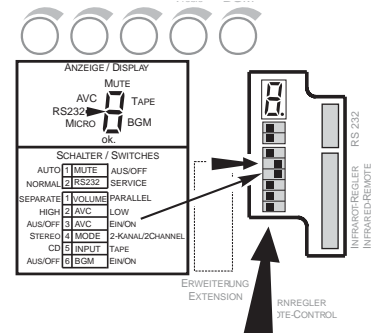


### 5.4 Automatic volume correction

The AVC sets CDs with different volume levels to an equal level. The level of CDs with a high level will be reduced; the level of low-levelled CDs will be increased. This control works rather slow to save the dynamic range of the track.

You can enable the correction with the DIP switch "AVC" the 3rd switch of the 6 switch group. Default is AVC disabled.

With the second DIP of the 6 switch group you can reduce the intensity of volume correction.



External amplifier connection

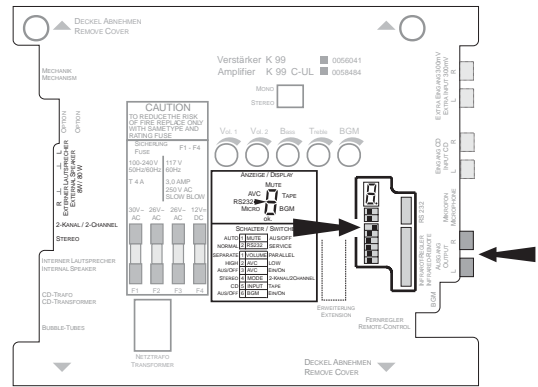
### 5.5 External amplifier connection

On the RCA terminals “Ausgang - Output” you can connect an external amplifier with any power rate. In Stereo mode the output level is normally controlled by means of the pot for the 2nd channel. Alternatively you can set the first DIP switch of the 6 switch group to ON to couple this output to the normal volume control knobs (1st channel), so that both amplifiers can be controlled together.

Connecting an external amplifier in 2-channel mode is not useful.

To avoid hum- (earth-) loops try to use an external amplifier with ground insulation; it has no earth contacts. If it is impossible (e.g. receivers with cable supply) you can separate both amps by means of the ground isolator part no. 0053300.

The signal of the RCA terminals is also controlled by the settings of bass, treble, BGM, AVC and Mute.



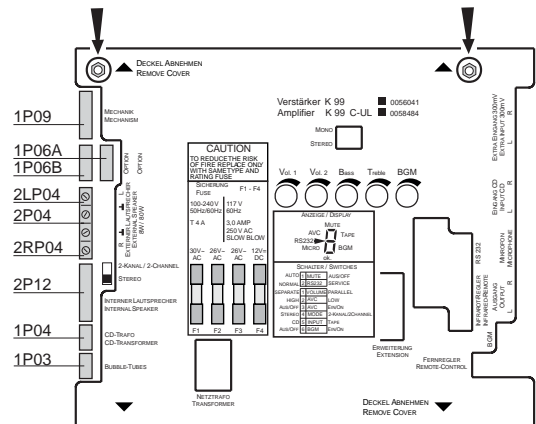


## 5.6 Position of fuses and plug connectors on the K99

Usually the jukeboxes are fitted with fuses of DIN 41571 (5x20 mm) slow blow or medium blow. Slow blow fuses of DIN standard bear the letter T (T = "Träge") e.g. T 4/250 means T = slow blow, 4 amps, 250 V maximum operating voltage. Which fuses have to fit in where is printed on the power transformer cover. Fast blow fuses (F = Flink) are unsuitable for the jukebox.

The fuse holder on the amplifier P.C.B. are capable to hold also fuses of 6x32 mm size (for 100/117 V mains).

You will find the fuses behind the amplifier cover plate. To remove the plate unplug first the cable coming from the mains transformer. Next lose slightly both nuts on top of the amplifier accessible through the holes in the cover plate (arrows). To remove the plate first take the bottom side out of its hinges and then the top side.



Connection plan of the plug terminals:

1P09	-	mechanism, SCC unit
1P06A	-	option
1P06B	-	option
2LP04	-	external speakers, LH
2P04	-	external speakers, ground
2RP04	-	external speakers, RH
2P12	-	internal speakers
1P04	-	CD sub transformer, CD player
1P03	-	bubble tubes

External speaker connection

**Fuse**

Main fuse T 3.15, res. T8 A for 110/117 V.

Fuse F1: T4A supply 30V ~

Fuse F2: T4A supply 26V ~

Fuse F3: T4A supply 26V ~

Fuse F4: T4A supply +12 V=

**Failure**

No illumination, machine completely dead.

The digital digit on the CD-control is dark. Power supply for CD player and control unit is interrupted. Credit circuit via LED M is interrupted. If credits are still in memory or free play is programmed; a CD will be placed on turntable but is not spinning.

The colour tubes of the One More Time do not rotate, the heating of the bubble tubes is off - no bubbles will appear. Possibly defect of the power stage of the amplifier.

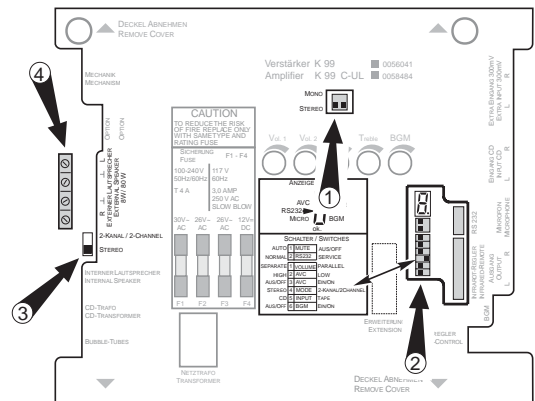
SCC unit dead - digital display dark (except red LED M still lighting up on coin insertion). The LED's K and Z on the SCC unit are dark. No initialisations run after power ON. The status display on the amplifier is dark.

**5.7 External speaker connection**

The amplifier can operate in two different modes. The normal operation mode reproduces the music in normal stereo sound. So external speakers can be added to each channel.

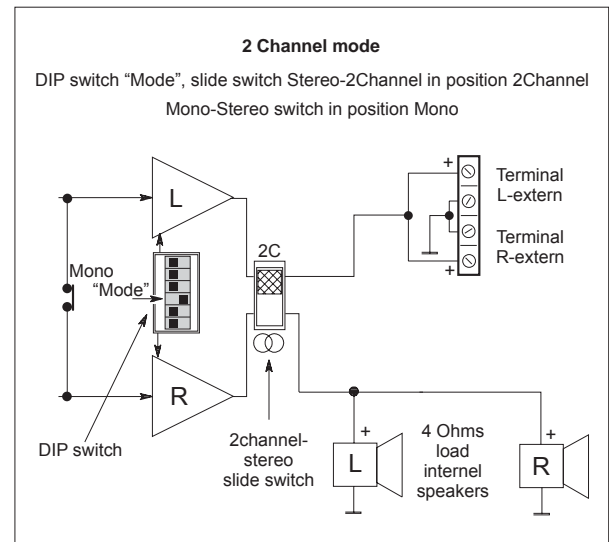
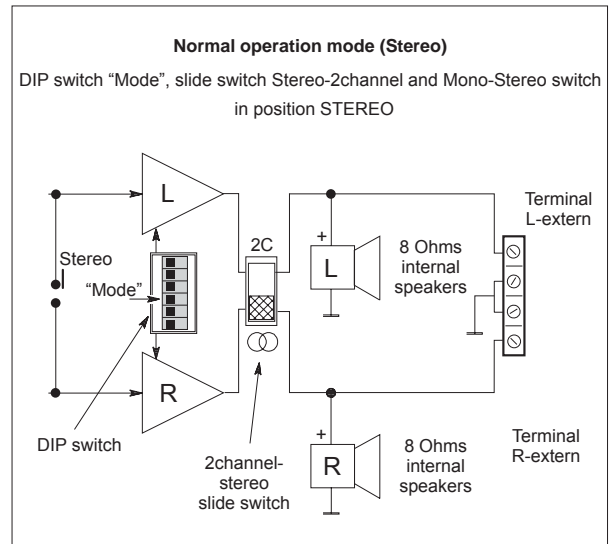
The so-called 2Channel mode uses both stereo channels like separate mono amplifiers so that the sound can be reproduced in different rooms but then in mono only.

The amplifier may not be loaded with more than 4 ohms per channel (less ohms means more load!). On an overload it switches itself off. After a certain cool down time it switches itself on. So if you do not eliminate the reason for the overload the amplifier produces continuously volume dropouts.



The impedance of all external speakers per channel in "Stereo" mode should not be less than 8 ohms, because the cabinet speakers represent a load of already 8 ohms per channel. If the amplifier is operating in 2-Channel mode, the internal speakers are all loaded to the RH channel (Channel 1); the LH channel (Channel 2) now applying to the screw terminals "Externer Lautsprecher - External speakers" may be loaded with max. 4 ohms.

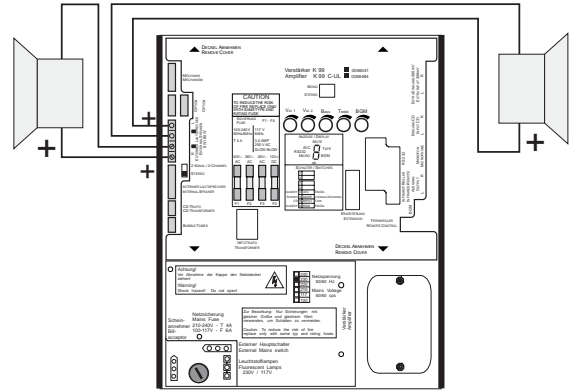
The amplifier applies approx. 55 watts (rms on max. 0.1% dist.) on a 4 ohms speaker per channel, 18 watts to a 12 ohms speaker and approx. 9 watts to a 24 ohms speaker. That means, that e.g., a 12 ohms speaker connected to the external channel at Dual Channel operation must be a type of at least 18 watts, otherwise the speaker is in danger of destruction at higher volumes. Note that speaker groups like in hi-fi boxes may have, at certain frequencies, impedance's much lower than their rating. Make sure that all speakers are connected in correct polarity.



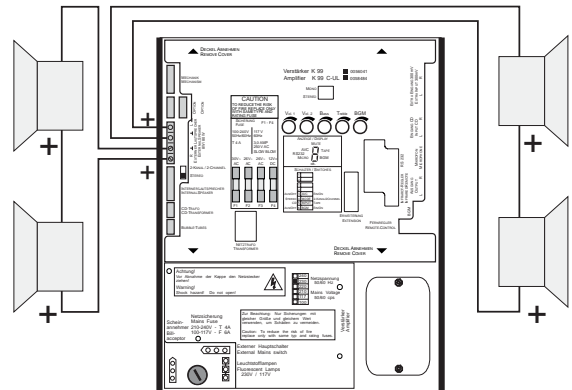
Technical data

Connect external speakers to the screw terminals on the LH amplifier side.

In Stereo mode do not connect speakers with less than 8 ohms to each channel.



Two speakers of 4ohms also represent total impedance of 8 ohms.



5.8 Technical data

Power supply	100v - 240v
Mains frequency	50cps - 60cps
Input voltage CD	typ. 1,2 v
Input voltage tape	300 mv
Output voltage pre-amplifier:	<= 1veff
Output power	2 x 55w (rms)
Output impedance	min. 4ohm
Transmission range	20cps - 20000cps
Distorsion factor	< 1%
Noise level	depending on the adjusted volume of the jukebox loudness levels of more than 70dB (A) can be reached

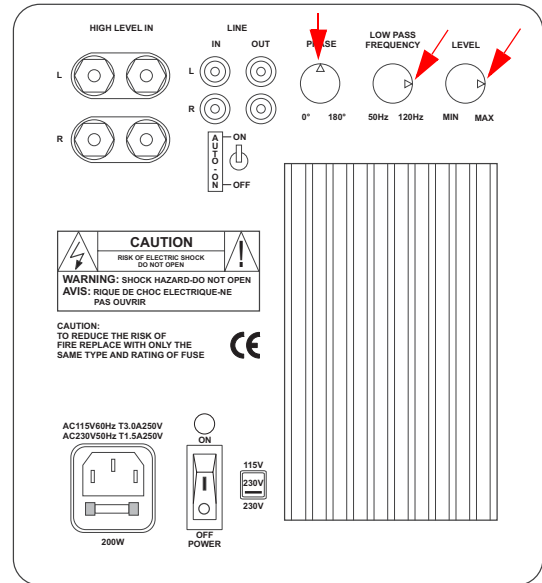
## 5.9 The subwoofer amplifier

The Vitage 850 Peacock is equipped with a subwoofer amplifier type YSA 100 inside the jukebox on LH side.

Factory preset of the pots are shown in the picture.

### Technical data

Power supply	115/230V
Mains frequency	50cps - 60cps
Input voltage CD	from 75mV up to 3.5V
Output power	100w (rms) at 4ohm
Output impedance	4 - 8ohm
Transmission range	50 up to 120cps
Distorsion factor	0.05%
Noise level	depending on the adjusted volume of the jukebox loudness levels of more than 70dB (A) can be reached



Clock setting

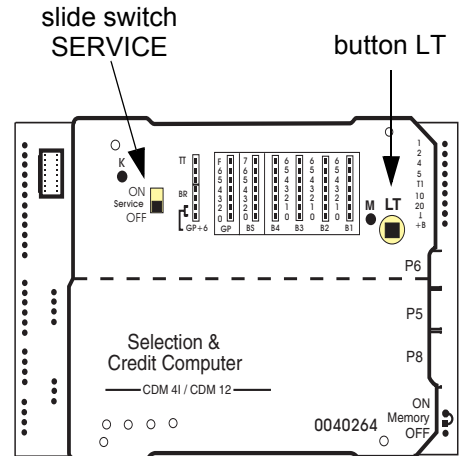
## 6 The internal clock

It is necessary to programme the time, date and weekday once or at least to control these settings. Only then can the jukebox switch on and off the Playstimulator or the Back Ground Music at the desired time. It is useful to programme time, date and weekday in a single pass.

### 6.1 Clock setting

To programme the time (and also the date) (service program, level 2):

1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Press selection button 4 -hold down- and press selection button R than release both buttons. Service level 2 is reached.
4. Press selection button 0. The display shows the current time.

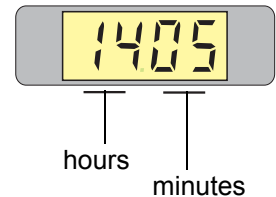


**If the displayed time is not correct:**

Press selection button 0 -hold down- and press selection button R. Release both buttons. Enter the right time with four digits.

**ATTENTION! Do not press selection button R after reprogramming, otherwise you will get back to service level 1!**

Example:



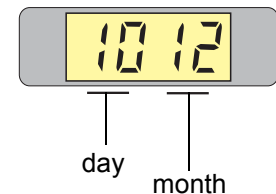
### 6.2 Set date

Press selection button 1. The display shows the current date.

If the displayed date is not correct:

Press selection button 1 -hold down- and press selection button R. Release both buttons. Enter the right date with four digits.

Example (Dec. 10th):



### 6.3 Set year and weekday

To display the year and the weekday press selection button 2:

The weekdays are assigned to numbers as shown.

0 = Sunday	4 = Thursday
1 = Monday	5 = Friday
2 = Tuesday	6 = Saturday
3 = Wednesday	

To programme press selection button 2 -hold down- and press selection button R. Release both buttons. Enter the right year with two digits, then enter a '0' followed by the number of the weekday.

#### Exit the service program:

1. Set the slide switch 'service' at the SCC unit to OFF.
  2. Press 'LT' button.
- The changer starts an initialisation run. After this the jukebox is ready to operate.

Beispiel:



## 7 Automatic random select (Playstimulator)

If the Playstimulator is programmed the jukebox plays random tracks of the CDs in carrier registered in the service program level 1, button 5. CDs declared as BGM CDs (ref. to the next chapter) will not be used! The time between the last track played by inserted money and the first random track of the Playstimulator is programmable from 1 up to 98 min. This time is also the repeat time between two random plays. The volume is the same as in normal operation. The Playstimulator will be interrupted immediately when a selection is made and restarts after having played the selected track(s).

By means of an optional switch you can also switch the box to CONTINUOUS PLAY MODE without any need to enter the service program. Part number of this switch is 0034410. It has to be connected to P8 of the SCC unit. (This switch is standard for all One More Time CD).

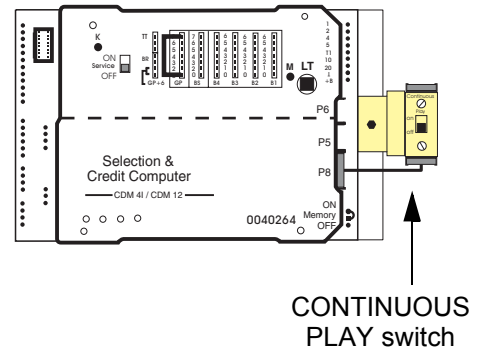
### The Playstimulator only works:

- if Back Ground Music is not activated at the same time
- if time is programmed correctly
- if no credit left

### Repeat time programming

To programme the repeat time for the Playstimulator (service program level 1):

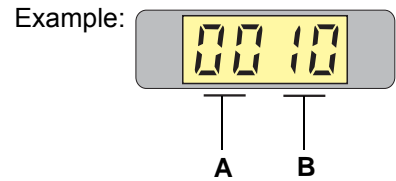
1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Make sure that all time details are programmed properly otherwise you have to reprogramme (see chapter 'The internal clock')
4. Press selection button 5. Display shows four digits.
  - ⇒ Both LH digits show the number of CDs in the carrier, this number has to be identical with the real number. Both RH digits show whether Playstimulator is enabled (01-99) or disabled (00). The numbers 01 up to 98 show repeat time between two random tracks in minutes, 99 means continuous play without any break.





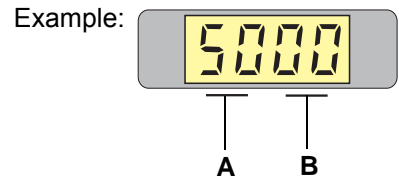
A = number of CDs in the carrier (00 = 100)

B = repeat time programmed to 10 minutes



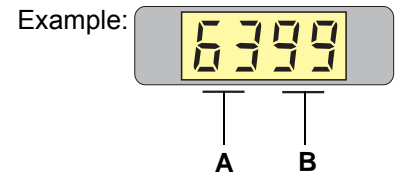
A = 50 CDs in carrier

B = no random plays



A = 63 CDs in carrier

B = Playstimulator on, continuousplay



5. Note the number of CDs in carrier.

6. Press selection button 5 -hold it- and press selection button R. Display goes dark. Enter the noted number of CDs in carrier and Playstimulator interval time (or '00' for Playstimulator OFF or '99' for continuous play) with four digits.

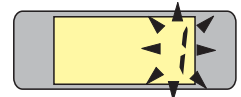
### 7.1 Programming start and stop time

If start and stop time is programmed the jukebox only plays random tracks in this time period.

**You can not programme the Playstimulator over 24.00 o'clock (e.g. 23.00 to 2.00 o'clock) !**

Call up service program 2 by pressing the slide switch on SCC unit to position ON, press button LT, then press button 4 -hold it- and press selection button R. Then

press selection button 8. The display shows at first a flashing '1'. This means 'start time'.



Then the time will be displayed, here 14.05 o'clock (2.05 p.m.).



## Programming start and stop time

---

Press selection button 8 once again. Now the display shows a flashing '2'. This means 'stop time'.



Then the time will be displayed, here 18.30 o'clock (6.30 p.m.).



To reprogramme press selection button 8 - hold - and press selection button R. Release both buttons. The digital display goes dark. Enter the start and stop time with eight digits.

Example: The jukebox should play random tracks from 09.00 in the morning to 17.00 in the afternoon..

Enter:      0 - 9 - 0 - 0 - 1 - 7 - 0 - 0  
                 start time      stop time

To check the start time: press selection button 8. To check the stop time: press selection button 8 again.

If the Playstimulator does not work. Check if:

- the clock is set correctly ?
- start and stop time is programmed?
- repeat time is set correctly (not 0)?
- BGM play mode is disabled (ref. to next chapter).
- credits are still in memory. Display the remaining credits by pressing button R. If so, delete with button LT.

### Exit the service program:

1. Set the slide switch 'service' at the SCC unit to OFF.
  2. Press 'LT' button.
- The changer starts an initialisation run. After this the jukebox is ready to operate.

## 8 Back Ground Music (BGM)

If BGM is programmed and activated a random track from the CDs declared for BGM will be played. The time between the last selected played track and the first BGM track is programmable between 1 and 98 minutes. This time is also the repeat time between two BGM tracks.

The volume by BGM reproduction is reduced compared to the normal volume. It is adjustable with the two BGM pots (RH channel / LH channel) on the amplifier. BGM mode is active when the relevant LED lights. Once the BGM mode is activated it is not possible to operate the Playstimulator.

If a selection is made by means of coin insertion the track being played will be interrupted immediately. Two intervals can be programmed for each weekday.

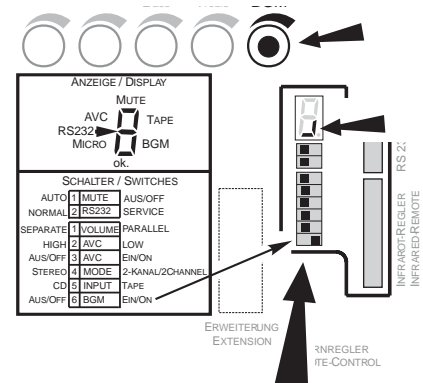
### To enable BGM (service program, level 3) :

1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Press selection button 4 -hold down- and press selection button R then release both buttons.
4. Press selection button 5. Service level 3 is reached. The display is dark. At this level all BGM options can be checked and/or programmed.

For the K99 amplifier the reproduction loudness will be reduced by a certain factor in the BGM (Back Ground Music) mode.

You also can switch "BGM" on by means of the DIP switch "BGM" for test purposes. The RH bottom segment of the status display on the amplifier indicates "BGM active". You can adjust the volume attenuation with the pot "BGM", as long it is active.

### Amplifier K99



### 8.1 Number of BGM CDs and repeat time

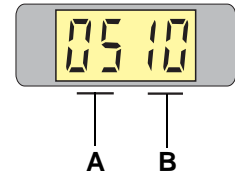
Press selection button 7, the display shows e.g.:

A = number of BGM CDs; disabled for Playstimulator  
BGM OFF = 00.

B = Repeat time between the single BGM tracks (10 min.)  
BGM-continuous play = 00

**To programme** press selection button 7 -hold down- and press selection button R. Release both buttons. The display goes dark. Enter the number of CDs and the repeat time with 4 digits.

Example:  
5 CDs reserved for BGM,  
repeat time 10 min.



### 8.2 Start position for BGM CDs and configuration

Press button 8. The start position of the BGM CDs is displayed in the left two digits. The RH digits indicate whether BGM CDs can be selected over coin insertion or not.

A = start position of BGM CDs (01 = factory pre-setting)

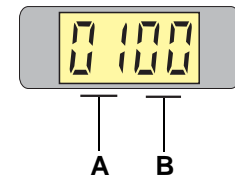
B = 00 - BGM CDs can be selected

B = 01 - BGM CDs can NOT be selected

After entering this data the SCC unit calculates the BGM end position itself. For loading of BGM discs the end position can be calculated as follows:

end position = start position + number of BGM CDs - 1

**To reprogramme** press selection button 8 - hold - and press selection button R. The digital display goes dark. Enter start position and the selection option with 4 digits!



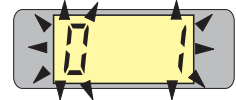
### 8.3 BGM time zones at different weekdays

You can programme each weekday differently with two intervals per day. The following steps are the same for the buttons 1 to 6 in service level 3 according to the table for weekdays..

- |               |              |
|---------------|--------------|
| 0 = Sunday    | 4 = Thursday |
| 1 = Monday    | 5 = Friday   |
| 2 = Tuesday   | 6 = Saturday |
| 3 = Wednesday |              |

1. Press button 0, the display shows flashing:

- ⇒ 0 (LH) = Sunday
- ⇒ 1 means start time one,

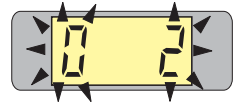


then the time will be displayed, here 9.00 o'clock.



2. Press selection button 0 again, the display shows flashing:

- ⇒ 0 (LH) = Sunday
- ⇒ 2 means stop time one,

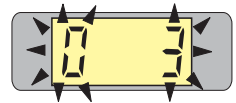


then the time will be displayed, here 12.30 o'clock.



3. Press selection button 0 again, the display shows flashing:

- ⇒ 0 (LH) = Sunday
- ⇒ 3 means start time two,

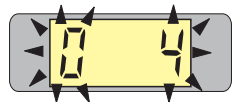


then the time will be displayed, here 20.00 o'clock.



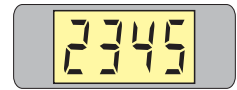
4. Press selection button 0 again, the display shows flashing:

- ⇒ 0 (LH) = Sunday
- ⇒ 4 means stop time two,



BGM time zones at different weekdays

then the time will be displayed, here 23.45 o'clock.



**To programme** press selection button 0 (or button 1 - 6 depending on the weekday to be programmed), hold it and press selection button R. The digital display goes dark. Enter the two time zones in four blocks containing four digits per block one after the other (16 digits).

**Examples:**

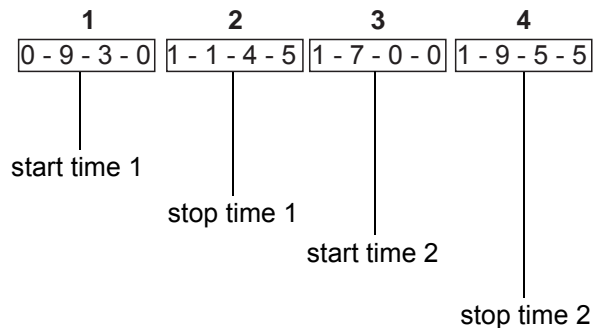
The jukebox should play BGM on Tuesday from 9.30 to 11.45 and from 17.00 to 19.55. To programme press selection button 2 - hold - and press selection button R. The digital display goes dark.

Then enter 0-9-3-0-1-1-4-5-1-7-0-0-1-9-5-5.

If the jukebox should play BGM on Wednesday from 17.00 to 19.55 only, then programme selection button 3 as described: 1-7-0-0-1-9-5-5-0-0-0-0-0-0-0-0. The second time zone has to be filled with zeros. Also this programming is possible:

0-0-0-0-0-0-0-0-1-7-0-0-1-9-5-5.

Meaning of the digits to be entered in the example



**Repeat this procedure until all weekdays are programmed (selection buttons 0 to 6).**

**Exit the service program:**

1. Set the slide switch 'service' at the SCC unit to OFF.
  2. Press 'LT' button.
- The changer starts an initialisation run. After this the jukebox is ready to operate.

## 9 Further programming options

### 9.1 Number of tracks played successively on the same disc

The display shows the maximum number of tracks played successively from the same disc if more tracks have been selected. Preset value = 04 tracks, i.e. after four tracks from this CD it will be taken back to the carrier, and the next CD stored in the selection memory will be played. If selections for the previous CD still exist, they will be played later.

This option to limit the tracks played from one CD is more useful for operators. For individual use this value can be set up to 25.

#### To change this value (service program, level 2) :

1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Press selection button 4 -hold down- and press selection button R than release both buttons. Service level 2 is reached. Display is dark.
4. Press selection button 3, the display shows e.g.:  
 ⇒ 04 is factory pre-set for number of tracks played successively on the same disc.



**To programme** press selection button 3 - hold - and press selection button R. The digital display goes dark. Enter the desired setting by means of the selection buttons with two digits.

Possible settings: 01 - 25. **If you set this value to 01 all selections will be played in selection order.**

To check the settings: Press selection button 3 again.

#### Exit the service program:

1. Set the slide switch 'service' at the SCC unit to OFF.
  2. Press 'LT' button.
- The changer starts an initialisation run. After this the jukebox is ready to operate.

## Selective disabling of tracks

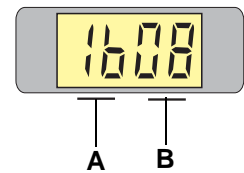
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### 9.2 Selective disabling of tracks

You can disable up to maximum 25 different tracks of different CDs. If somebody selects a disabled track the digital display flashes. This indicates that this track is not selectable.

#### To disable tracks (service program, level 2):

1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Press selection button 4 -hold down- and press selection button R then release both buttons. Service level 2 is reached. Display is dark
4. .Press selection button 4, the display shows e.g.:
  - ⇒ A = CD number
  - ⇒ B = track number



Each operation of selection button 4 shows the next disabled track, maximum 25 tracks. After having reached the last disabled track, the first one is displayed again. If the display shows 0000 after the first button operation no track is disabled.

#### To programme:

1. Press selection button 4 and selection button R at the same time. The digital display goes dark.
2. Enter first the number of the CD to be disabled followed by the track (total four digits).
3. To disable the next CD/track, press selection button 4 as often as display shows 0 0 0 0 .
4. Press selection button 4 again - hold - and press selection button R. The digital display goes dark. Then enter CD and track to be disabled.
5. Continue programming for the next track with step c.

**To enable a disabled track:** When a track is displayed, press button 4 - hold - and press selection button R and enter first the number of the CD followed by 0 0. To enable all disabled tracks enter 0 0 0 0 (4 times 0).

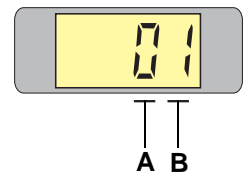


### 9.3 Selection and credit memory reset by power off

The function memory reset will cancel remaining credits and selections by power OFF of the jukebox.

#### To enable this function (service program, level 2):

1. Set the slide switch 'service' at the SCC-unit to ON.
2. Press 'LT' button.
3. Press selection button 4 -hold down- and press selection button R then release both buttons. Service level 2 is reached.
4. Press selection button 9, the display shows e.g.:
  - ⇒ A = digit for memory reset by power off
  - ⇒ B = digit for albumplay



This function has to be programmed with "Albumplay" (ref. to chap. Track selection). A programmed '0' disables the function, a '1' enables it.

**To programme** press selection button 9 - hold - and press selection button R. The digital display goes dark. Enter the desired setting by means of the selection buttons with 2 digits.

To check, press selection button 9 again.

#### Exit the service program:

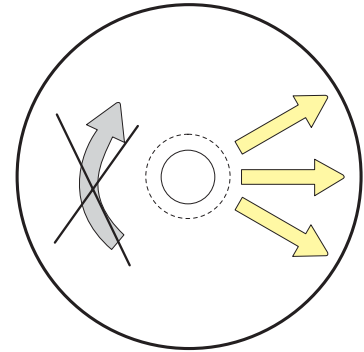
1. Set the slide switch 'service' at the SCC unit to OFF.
  2. Press 'LT' button.
- The changer starts an initialisation run. After this the jukebox is ready to operate.

## 10 Player and CD cleaning

Dust, fingerprints or other dirt on the disc surface can cause skipping, jumping or sticking problems. Because of this **never touch the surface of a disc!** However it is rather easy to remove nicotine, dust or fingerprints.

### 10.1 Nicotine, dust, fingerprints

Dust can be removed with a lintfree soft cloth. If necessary, remove heavy dirt or fingerprints with a moistened soft cloth soaked in a solution of water and a detergent. Never use record cleaning sprays or anti static sprays! Furthermore, do not use other types of cleaners containing benzene, thinner or other solvents. These liquids will cause damage to the surface of discs. Move the cloth from the inside towards the outside and not in circular motion.

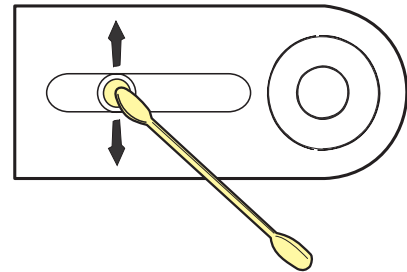


### 10.2 Removing scratches

Use a soft cloth and a soft polish.

### 10.3 Laser lens cleaning

Smoke and dust soil the lens. It can be cleaned with a cue-tip soaked in a detergent (i.e. Kodak lens cleaner, available under part no. 0051735 or 25% Isopropanol IPA). Place the tip on the lens and press down carefully.



#### **Caution! The whole laser unit is very sensitive!**

1. Move the cue-tip only in the direction shown in the picture so that the lens cannot move.
2. Do not scratch the special treated surface of the lens.
3. The cleaning solution must not run into the focus unit.
4. Keep away metal parts from the lens unit. A strong magnet is located underneath the lens. It attracts also small metal parts and this can block the complete unit.

## 11 Technical data

<b>Power supply</b>	110 - 240volts, for USA only 120volts	
<b>Dimensions</b>	Height	165.4 cm      65.5"
	Width	99.0 cm      39.0"
	Depth	67.3 cm      26.5"
<b>Weight</b>	170.0 kg	374.8 lbs

## 12 Declaration of Conformity

Geräteart:	Musikbox	
Product Description:	Jukebox	
Typenbezeichnung:	<b>Peacock-CD</b>	
Model No.:		
Angewandte EG-Richtlinien:	73/23/EEC	Niederspannungsrichtlinie
Directives Complied with:		Low voltage directive
	89/336/EEC	Elektromagnetische Verträglichkeit
		EMC Directive
Technische Vorschriften:	EN 60335-1	Sicherheit Elektrischer Geräte Für Den Hausgebrauch Und Ähnliche Zwecke
Standards used:		Safety Of Household And Similar Electrical Appliance
	EN 60335-75	Sicherheit Elektrischer Geräte Für Den Hausgebrauch Und Ähnliche Zwecke
		Safety Of Household And Similar Electrical Appliance
	EN 60065	Sicherheitsanforderungen - Audio-, Video- Und Ähnliche Geräte
		Safety requirements - Audio, Video And Similar Electronic Apparatus
	EN 55014-1	Elektromagnetische Verträglichkeit; Anforderungen An Haushaltgeräten...Teil 1: Störaussendung -
		Produktfamilienorm
		Electromagnetic Compatibility; Requirements For Household Appliance...Part 1: Emission - Product Family Standard
	EN 55014-2	Elektromagnetische Verträglichkeit; Anforderungen An Haushaltgeräte, Elektrowerkzeuge...Teil 2: Störfestigkeit -
		Produktfamilienorm
		Electromagnetic Compatibility; Requirements For Household Appliance, Electric Tools...Part 2: Immunity - Product Family Standard

Laser lens cleaning

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EN 55022	Störfestigkeitseigenschaften, Grenzwerte & Prüfverfahren - Ton- & Fernseh-Rundfunkempfänger & Verwandte Geräte Der UnterhaltungselektronikImmunity Characteristics, Limits & Methods Of Measurement - Sound & Television Broadcast Receivers & Associated Equipment
EN 61000-3-2	Elektromagnetische Verträglichkeit (EMV) Teil 3: GrenzwerteHauptabschnitt 2: Grenzwerte Für OberschwingungsströmeElectromagnetic Compatibility (EMC) Part 3: LimitsSection 2: Limits For Harmonic Current Emissions
EN 61000-3-3	Elektromagnetische Verträglichkeit (EMV) Teil 3: GrenzwerteHauptabschnitt 3: Grenzwerte Für Spannungsschwankungen...Electromagnetic Compatibility (EMC) Part 3: LimitsSection 3: Limitation Of Voltage Fluctuations...
EN 61000-4-3	Elektromagnetische Verträglichkeit (EMV) Teil 4: Prüf- Und MeßverfahrenHauptabschnitt 3: Prüfung der Störfestigkeit Gegen...Electromagnetic Compatibility (EMC) Part 4: Testing And MeasurementTechnical Section 3: Radiated, Radio-Frequency...

Unterschrift/Signature/  
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Gedruckter Name/Print  
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Jürgen Obermeier

Position/Position/Position

Chief Engineer/Technischer Leiter/Directeur Technique

Datum/Date/Date

10. September 2007 / 10. September 2007 / 10. Septembre 2007

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