KBL

4800 α
5600 α

TANNING DEVICE

ASSEMBLY INSTRUCTIONS & MENU SETTINGS



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ORIGINAL ASSEMBLY INSTRUCTIONS
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DISTRIBUTED BY (CONTACT)
Specified in operating instructions

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1. General information

1.1 About these instructions

This manual is intended for use by

- studio operator,
- qualified, trained and authorized service technicians.

Any person handling, mounting or servicing this tanning device must have read and understood these instruction.

Keep this manual ready to hand at all times.

1.2 Safety signs



This symbol indicates that general hazards exist for the human health.



This symbol indicates that due to electrical tensions hazards exist to the human health.



This symbol indicates that due to falling loads hazards exist to the human health.



This symbol indicates the danger of pinching.
When assembling heavy components, you can pinch your fingers or hands.



This symbol indicates the danger of burns from hot lamps and housing parts. If the tanning device was operated before being opened, lamps and housing parts may be hot.



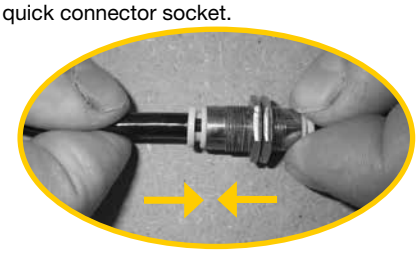
This symbol indicates that damages may occur at the tanning device, at the material or at the environment.



Danger due to leakages.

The tanning device can be damaged by leaking connections.

- Slide the plastic tube **up to the stop** into the quick connector socket.



1.2.1 IMPORTANT INFORMATION



This symbol does not identify safety notices, but states information for a better understanding.

1.3 Signal words

DANGER

- Death or serious injury is imminent.

WARNING

- Death or serious injury is possible.

CAUTION

- Moderate or minor injury is possible.

1.4 Transport



⚠ WARNING

Overturning load

Danger of being crushed by heavy parts of the equipment.

- Keep the safety distance to the transport machine.
- Do not walk under the load.
- Wear safety shoes.

1.4.1 TRANSPORT BY FORKLIFT TRUCK



During transport the tanning device may be damaged when using forklift forks that are too short.

- Use only sufficiently long forks.

The tanning device is mounted on a pallet.

- Insert the forks carefully into the openings of the pallet.
- Lift the load by a few centimeters.
- Transport the load carefully to the place of installation.

1.4.2 OTHER MODES OF TRANSPORT

If a forklift truck cannot be used for transport, the tanning device must be partially disassembled and the parts must be transported individually to the place of installation, e.g. using a dolly. Depending on the weight of the components, lifting them might require several people.

2. Safety notes

2.1 General safety notes

- Follow all instructions given in this manual and all other documents enclosed with the tanning device. In addition, observe all relevant statutory provisions and regulations, also those applicable in the country of operation.
- The tanning device must only be installed and assembled by qualified, trained and authorized service technicians.
- Arbitrary modifications or conversions of the tanning device are not permissible.
- Observe all danger signs and safety notices attached to the tanning device.
- Safety signs must not be removed, and safety equipment must not be disabled or removed.
- The tanning device must only be operated when in perfect working condition.
- Never operate the tanning device with the outer covering removed or with the acrylic panes removed.
- This tanning device must be operated with an external timer that is listed in compliance with UL 917.



- The canopy is not designed to carry additional loads. In particular, during installation the canopy must not be charged with additional loads.

- Before carrying out any work, the tanning device must be disconnected from the mains voltage.



DANGER

Live parts

Danger of life or fatal injury due to electric shock when touching live parts.

- Switch neutral
- Secure against reconnection
- Check for neutrality
- Ground and short-circuit
- Cover or shield any adjacent live parts or components



CAUTION

Hot device parts

Danger of burns from hot lamps and housing parts. If the tanning device was operated before being opened, lamps and housing parts may be hot.

- Wait until the tanning device has cooled down.



CAUTION

Danger of pinching

When assembling heavy components, you can pinch your fingers or hands.

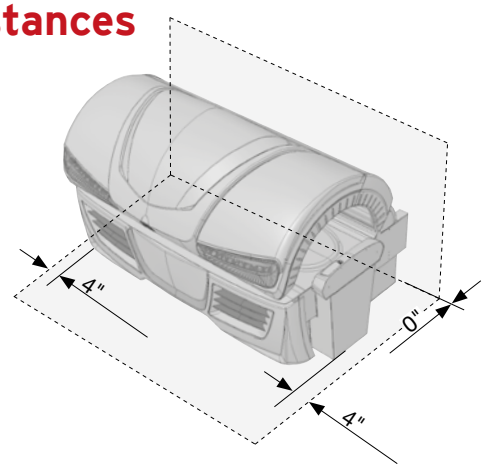
- Wear assembly gloves.
- Be careful when handling heavy components.

3. Installation site & Dimensions

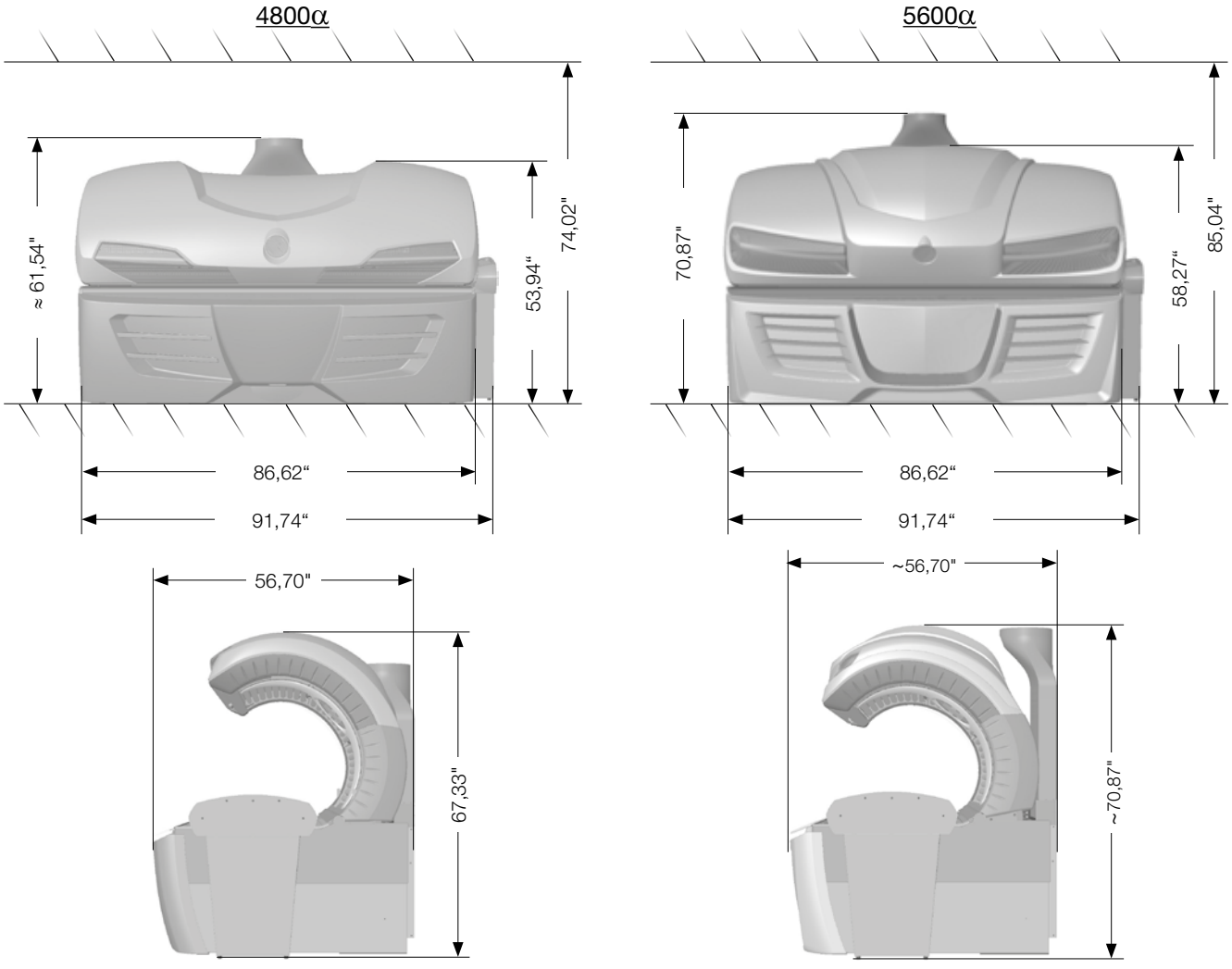
In dry rooms (booths) with sufficient airing.

- Even floor with sufficient load capacity
- Relative humidity: ≤ 70 %
- Room temperature ≤ 30 °C (86 °F)
- Minimal room height (4800α) 74,02 and (5600α) 85,04 inches
- Only on a non-combustible basement
- Connection height of the exhaust air shaft, with and without hot air recirculation (4800α) 61,54 and (5600α) 70,87 inches.

3.2 Distances



3.1 Dimensions



4. Assembly

4.1 Tools and aids

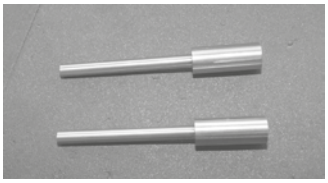
①  Standard phillips screwdriver (PH2)

②  Screwdriver 5 mm

③  Socked wrench, hexagon socket 6 mm

④  Cordless screwdriver & bit set

- Be careful! Do not damage the acrylic and plastic parts. Handle these parts with the necessary precaution.
- Do not use safety bolts for transportation lock.



The canopy is not designed to carry additional loads. In particular, during installation the canopy must not be charged with additional loads.

4.2 Work steps

1. **Open the bed part and disconnect all cable connections between the beth and the canopy as well as all cable connections between beth and front part.**

2. **Remove the 6 knurled-head screws as it shown in the illustration. 2 screws on each side and 2 in the middle.**

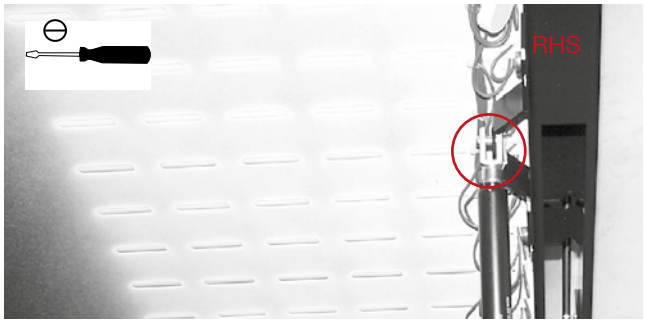


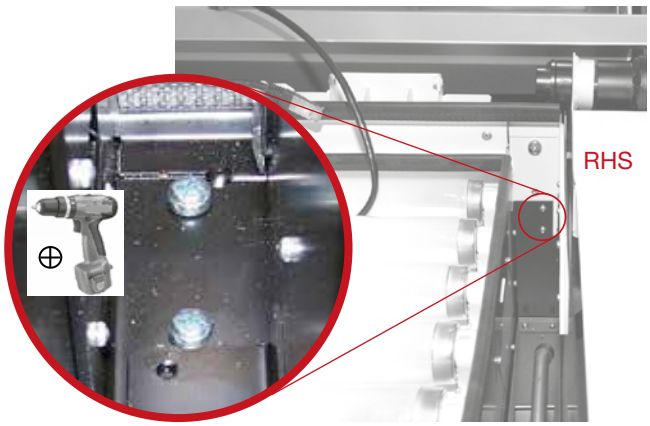


3. **Remove the front part forward. Do this with the help of a second person.**

- Be careful! Do not damage the cable connections.
- Place the front part at a save place. Inside downwards!

4. **Removing the bed part.**
Remove the bed pane and open the bed.
Dismantle the two damper (LHS & RHS). Close the bed and unscrew the 4 phillips screws M6 x 20 at the two bed hinge-joints.

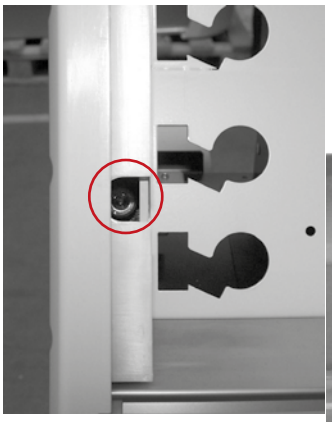




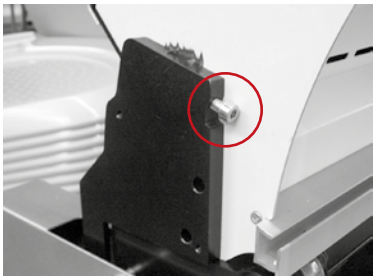
5. **Removing the bed part. Do this with the help of a second person.**

6. **Lower the canopy pane.**

7. **Turn the two canopy security screws M8 x 40 counter-clockwise 3-4 turns.**
Remove the two lateral seals al the left and right hand side. Remove the lower half of the chrome crescent at the foot area.

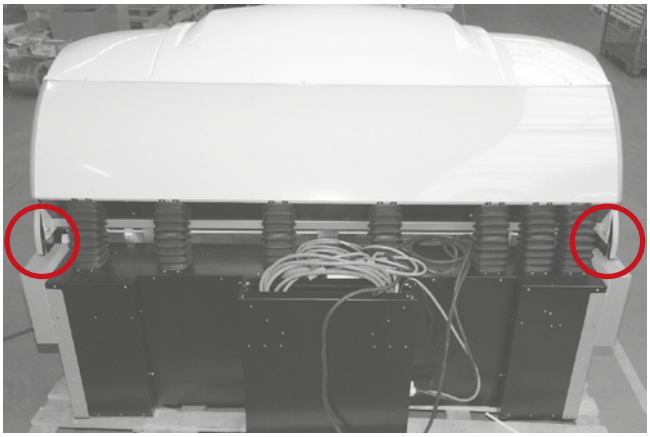






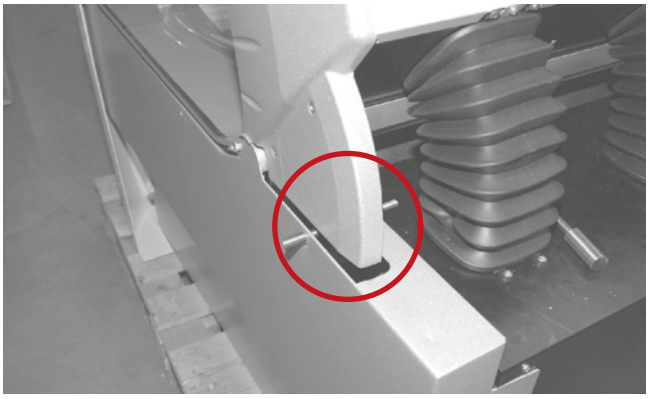
Position of the security screw beneath the facing.

8. **Close the canopy pane and tilt the canopy down.**



9. **Safety bolts affixed on both sides!**

The safty bolts must be inserted from the outside.

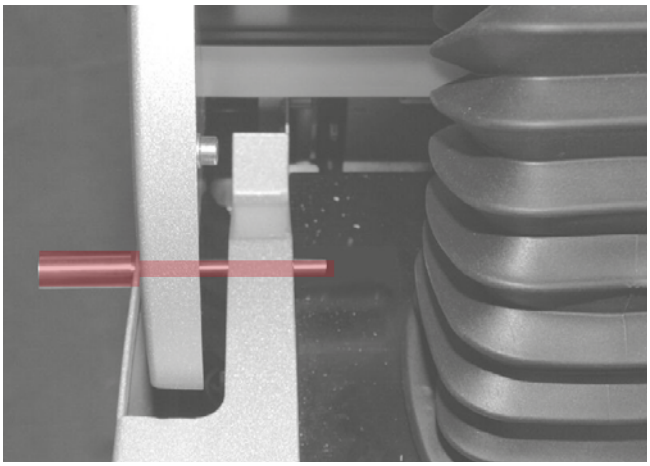


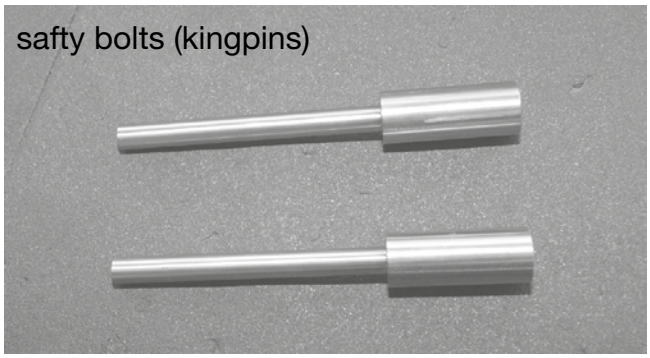
WARNING

Component is under spring tension!

Risk of injury. The sword-brakets are strongly preloaded.

- Never remove the safety bolts if the canopy is not attached.
- Never lift the canopy without securing the sword brakets with the safety bolts





10. **Unfasten the 8 intake air boots at the canopy.**

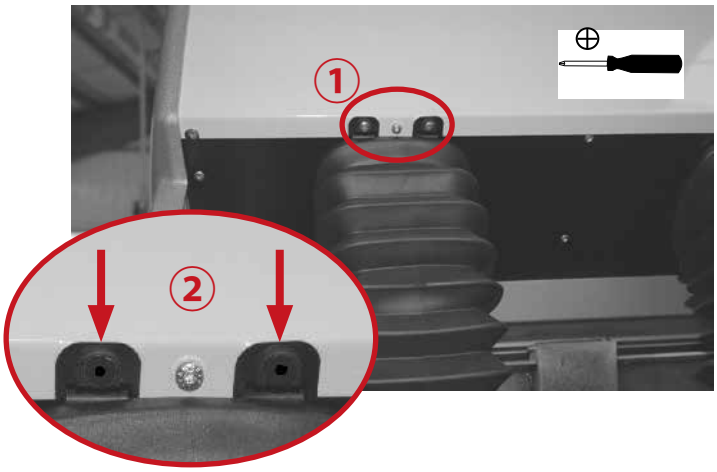
① **Unscrew the two phillips screws.**

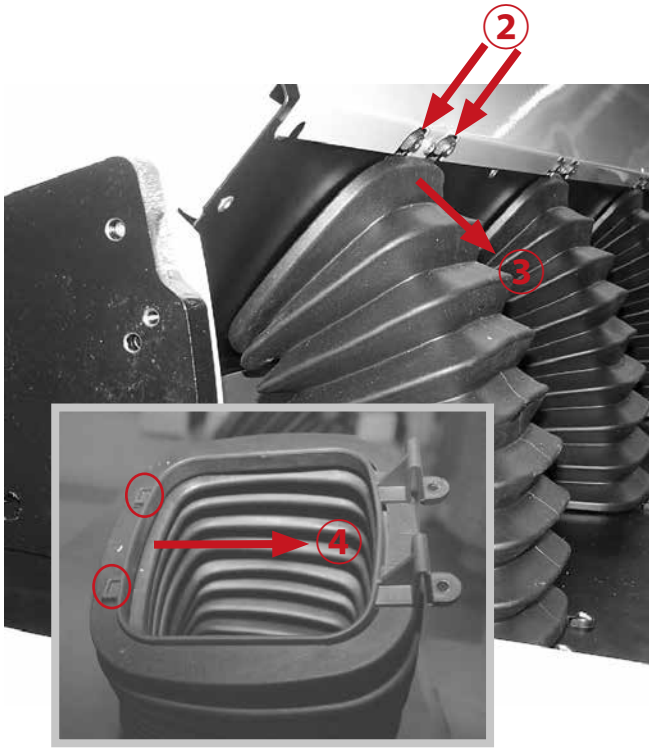
② **Press lightly on the two upper plastic flaps**

③ **and tilt the air boot simultaneously backwards.**

④ **Drag it to the top, out of the interlock system.**

-> Pull the cables out of the bed part <-





11. **The canopy can be lifted off with at least 3 persons and it can be transported to the installation site.**

- To lift the canopy it requires at least 3 people.
- Be careful! Do not damage cable connections and plastic parts.

12. **Base unit and attachement can now be transported to the installation site.**

The assembly is done in reverse order of disassembly.

Attention!

- Make sure that the two canopy security screws are tightened (item 7)!

5. Connecting the tanning device

5.1 Class I ME equipment

WARNING

Risk of electric shock
To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.

5.2 Connecting the mains voltage

DANGER

Live parts

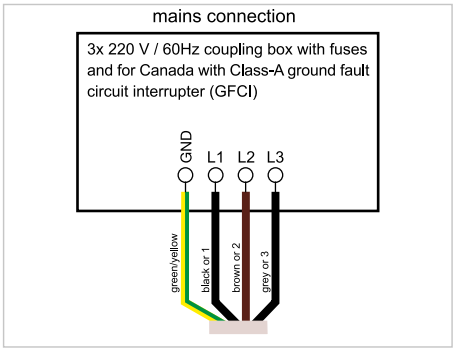
Danger of life or fatal injury due to electric shock when touching live parts.

- Switch neutral
- Secure against reconnection
- Check for neutrality
- Ground and short-circuit
- Cover or shield any adjacent live parts or components

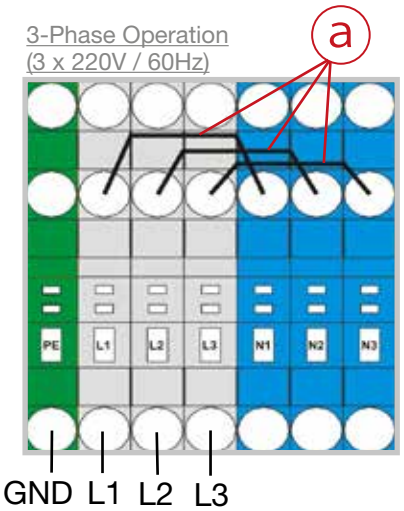
Both the power supply and the related connection work must comply with national standards and local regulations. The connection work and replacement of the power supply cord must only be performed by qualified, trained and authorized service technicians. The connection to the 3 x 220 V mains must be protected by maximum over current protection. For Canada a Class-A ground fault circuit interrupter (GFCI) has to be used. Further information can be found in chapter “Technical data”.

CONNECTION REQUIREMENTS

The electrical installation must be equipped with a freely accessible all-pole disconnecting device in accordance with the overvoltage category III (Master switch with clearly marked on/off settings e.g. “O” and “I” or additional indicator light), fitted externally on the site side. This means that for full separation each pole must have a contact gap according to the conditions of the overvoltage category III. The device shall be capable of being locked in the off-position and shall comply with IEC 60447. A supply main switch must not be incorporated in the power supply cord. A Class-A ground fault circuit interrupter (GFCI) has to be used for Canada. Should the operation of the tanning device cause any interference in the power supply network, e.g. with ripple-control systems (TRA), consult your power supply company to have corresponding blocking elements (audio frequency suppressors) installed.

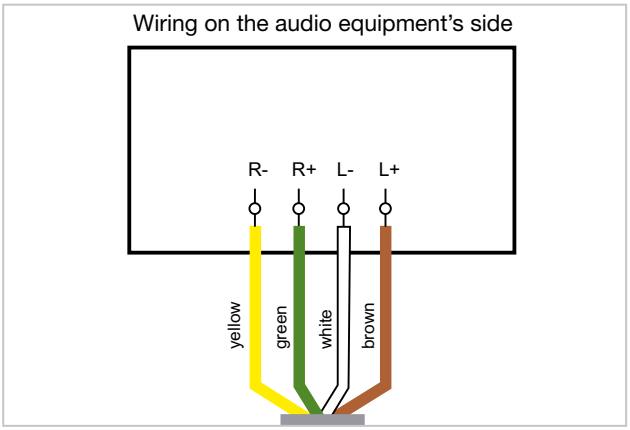


WIRING FOR 3-PHASE OPERATION



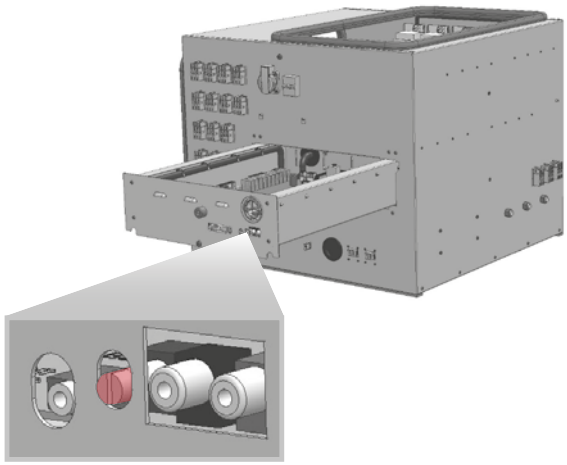
5.3 Connecting an external audio source

When connecting an external audio source (studio music), pay attention to the correct polarity.



5.4 Level adjustment studio music signal

The voice / audio system components are built in the middle of the bed part (vacuum housing) of the tanning device. The potentiometer which serves of the external audio signal is located on the left side of the housing. To avoid overdrive, select the level adjustment accordingly. The level setting depends on the strength of the external signal and should be carried out by qualified, trained and authorized service technicians. Adjustment of the sound level can only be conducted in the service menu.



5.5 Operation using different audio sources

The audio source can be changed via the interior control panel.

The tanning device can be operated using the following audio sources:

INTERNAL MP3 PLAYER

When using the internal MP3 player, you can either play the music tracks that are originally supplied on the SD card, or you can record your own tracks to the SD card.

EXTERNAL AUDIO SOURCES

LINE-IN

As an external audio source, you can connect devices ranging from the standard-line level to low loudspeaker levels.

These sources comprise:

- Studio music
- External players such as MP3 players, mobile phones (cell phones), I-pods, etc.

EXTERNAL 100 V AUDIO SIGNAL (OPTIONAL FEATURE)

If you decide for a connection to a 100 V audio system, you will need a transformer (KBL no.: 9100 0170 00) for the transmission of the audio signal.

This connection must be made by qualified, trained and authorized service technicians.

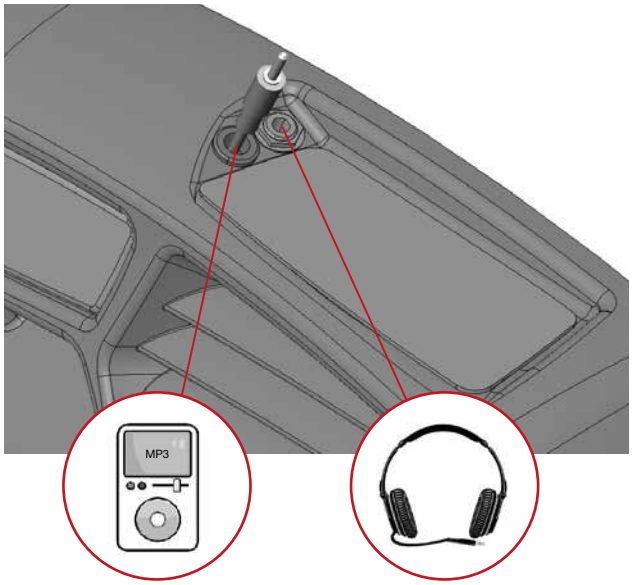
EXTERNAL PLAYERS & HEAD-/EARPHONES

A line connection has been integrated into the audio module so that the tanning device user can connect his or her own player such as an MP3 player, an iPod, etc. Take hold of the jack plug and pull the cable out of the opening.

Then connect the jack plug to the earphone jack of your player. Then select ”MP3 ext.” as the audio source from the interior control panel of the tanning device before you start playing your own tracks from the player.

The tracks can only be selected via the user’s own player. The volume can be controlled via the interior control panel of the tanning device and also via the corresponding operating elements provided by the user’s player.

Either a headphone or an earphone with a 6.3 mm jack plug can be used. The corresponding connector socket is located next to the line connector. The audio signal is switched over automatically.



ATTENTION

- Danger of damage to the player due to overheating.
- Do not place your player within areas that are directly exposed to UV radiation.

5.6 Bluetooth connection

To connect an external player (smartphone etc.) wirelessly to the tanning device an optional Bluetooth interface is available.

CONNECT EXTERNAL PLAYER

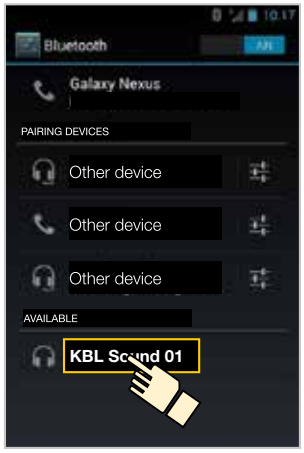
A Bluetooth connection can be established in standby and during tanning mode.

Make sure that you are within the reception area (about 2 meters).

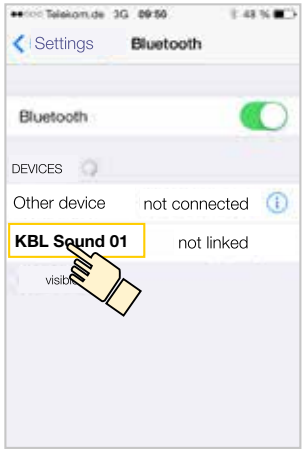
Make sure that your player is configured to search for other bluetooth devices. Should this not be the case, enable bluetooth manually. To do so, please read the instructions for your player.

- Depending on your settings the search will be performed automatically or manually. All available Bluetooth devices within reach will be listed after a short time.
- Among the available tanning devices choose “KBL Sound”. In the service menu, a trailing number (01, 02, 03, ...) can be added to tanning device name.
- If necessary confirm the shown code and connect again. Not every smart phone asks for a code.

Example - Samsung Galaxy

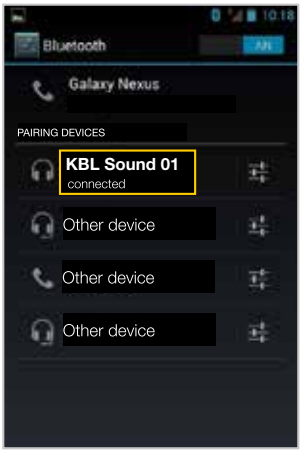


Example - Apple iPhone



- A two-time beep indicates that your player is connected to the tanning device.

Example - Samsung Galaxy



Example - Apple iPhone



- Set your player to a **medium volume level** and start the music.
- Adjust the volume level on your player.
- During the tanning session, the volume control has to be done at the tanning device.

DISCONNECT EXTERNAL PLAYER

An existing connection is disconnected automatically after tanning.

The connection is automatically disconnected if the tanning session is not started within 6 minutes.

COMPATIBILITY OF BLUETOOTH DEVICES

KBL GmbH attaches great importance to hardware compatibility. Due to the large number of manufacturers, KBL can not guarantee a 100 % compatibility. In rare cases, it may happen that a bluetooth connection can not be established.

CORRECTIVE ACTION

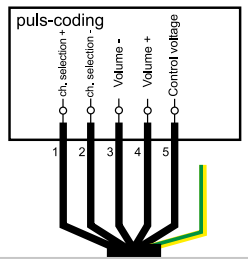
Each bluetooth device offers a list of paired devices. Delete the older entries in this list which have a profile that overlaps with the ones for which you want to pair your player.

Start the bluetooth device detection again.

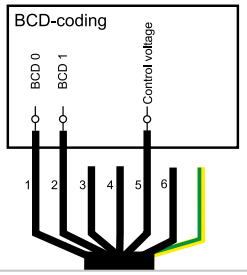
5.7 Connecting the channel selection

The following diagrams show the wiring of the channel selection on the audio equipment's side, for pulse coding as well as for BCD coding.

Wiring on the audio system of the studio



Wiring on the audio system of the studio

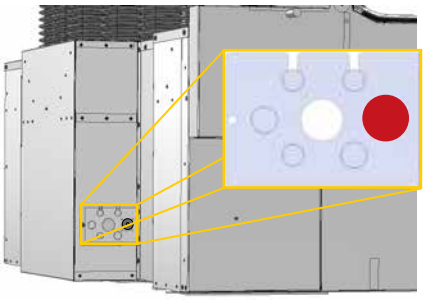


CHANNEL	BCD 0	BCD 1
1	0	0
2	1	0
3	0	1
4	1	1

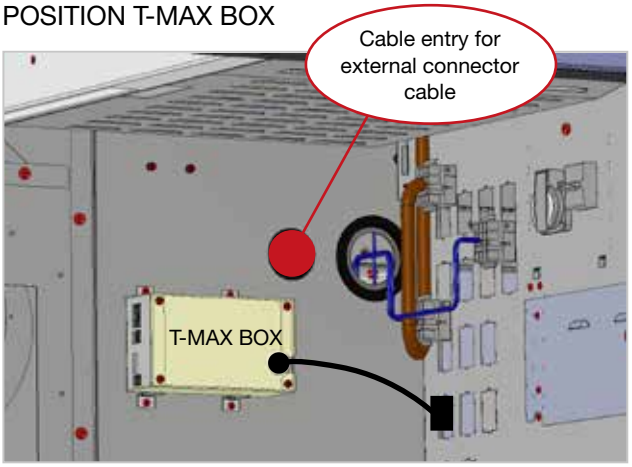
5.8 Connecting the external timer

Pass both, the connector cable of the T-Max timer and the leads of the tanning device, from the main port through the cable entry in the rear wall to the T-Max Box.

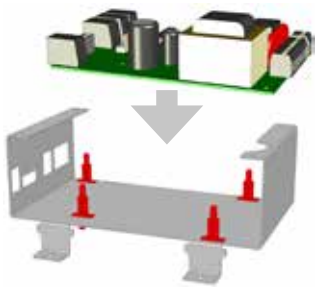
T-MAX CABLE ENTRY AT THE MAIN PLUG (EXTERNAL CONNECTOR CABLE)



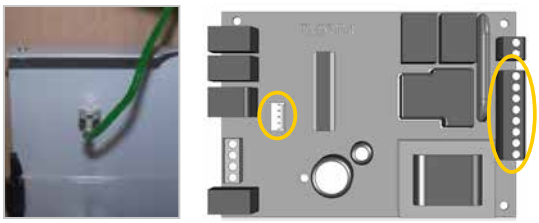
POSITION T-MAX BOX



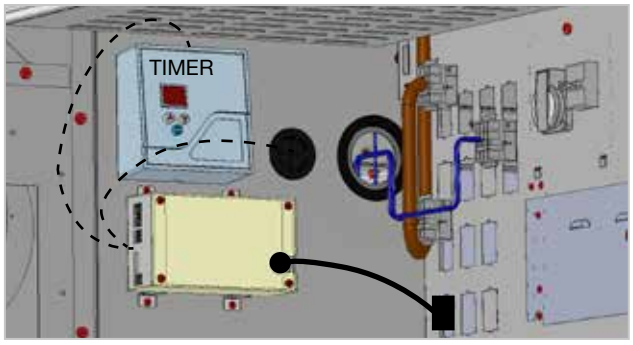
- Remove the cover from the T-Max Box.
- Insert the T-Max board to the socket pins of the box.



- Attach the connectors to the T-Max board and housing (ground).



- Attach the cover of the T-Max Box.
- Fasten the timer above the T-Max box, using the two screws.

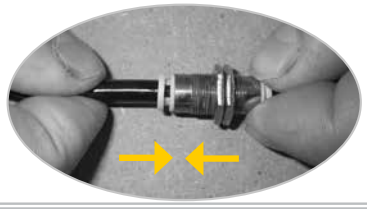


- Connect the external cable and the timer to the T-Max box.

ⓘ	• The exposure times stated in the exposure schedule must be entered at the External Timer. • Information on how to enter the exposure time can be found in the operating instructions of your External Timer.

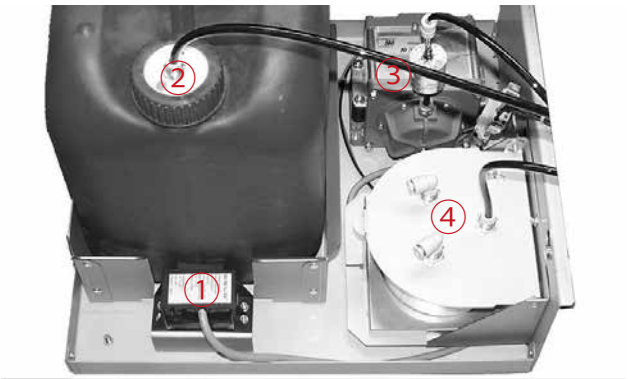
5.9 aquaCool and Aroma connections

	Danger due to leakages. The device can be damaged by leaking connections. • Slide the plastic tube **up to the stop** into the quick connector socket.



AQUACOOL

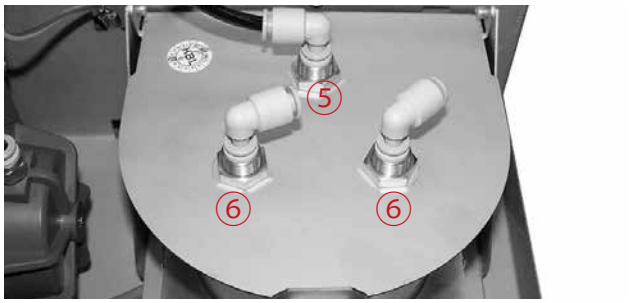
The aquaCool box is equipped with a liquid-level sensor ① as well as with a connection to the aquaCool canister ②. Furthermore, the box houses the compressor ensuring the compressed-air supply ③, and the Aroma box ④ with its related connections.



1	Connector (liquid-level monitoring)
2	Connection to aquaCool canister
3	Compressor with compressed-air connection
4	Aroma box

AROMA

The Aroma box is attached within the aquaCool box and equipped with three hose connections, one for the compressed-air supply ⑤ and two leading to the Aroma nozzles ⑥.



5	Aroma box (inlet)
6	Aroma box (outlets)

5.10 Initial operation

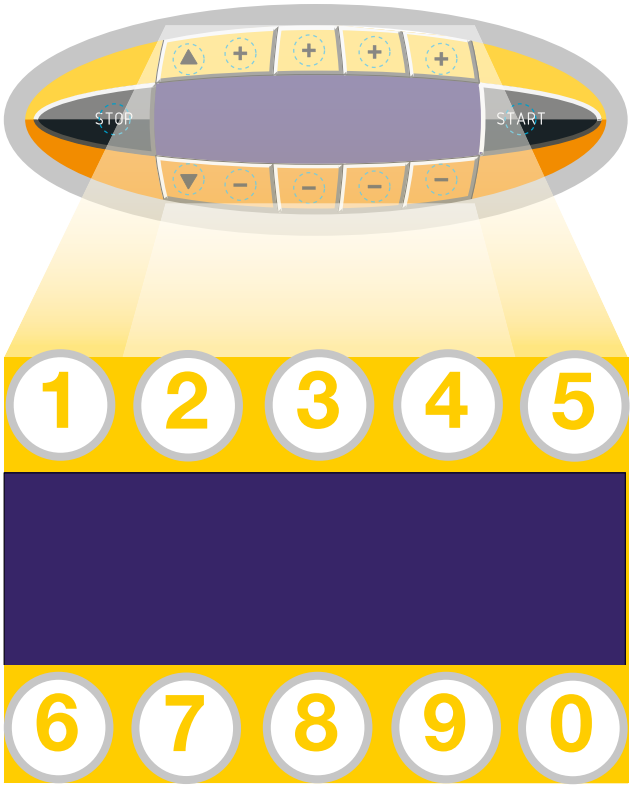
- Insert batteries in colorMotion remote control unit.
- Turn on the supply voltage.
- Start the aquaCool initialisation before tanning for the first time. Service menu “Aqua / aquaCool Start Initialisation“. Test all functions in a trial run.

6. Service mode

When the tanning device is in service mode, you can make the presettings for operation in tanning mode, and you can have values concerning the operation of the tanning device displayed.

6.1 Layout of the interior control panel numbers

The buttons of the interior control panel are allocated double functions. In addition to the standard operating elements, they stand for numbers that, in standby mode, provide access to standby and service functions. Simply enter the corresponding sequence of numbers on the interior control panel.

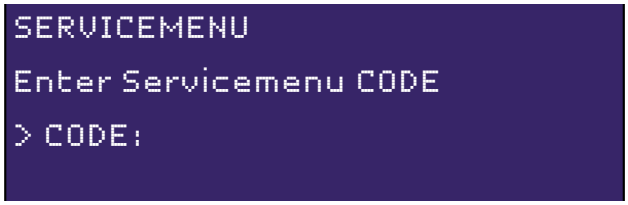


6.2 Invoking the service menu

CALL SERVICE MENU - START WINDOW



SERVICE MENU - START WINDOW



In standby mode, the service level is accessed by entering the factory CODE 1 „00000“, the supplied CODE 2 or individually defined CODES.

- No incoming signal from the coin-box system.

NOTE

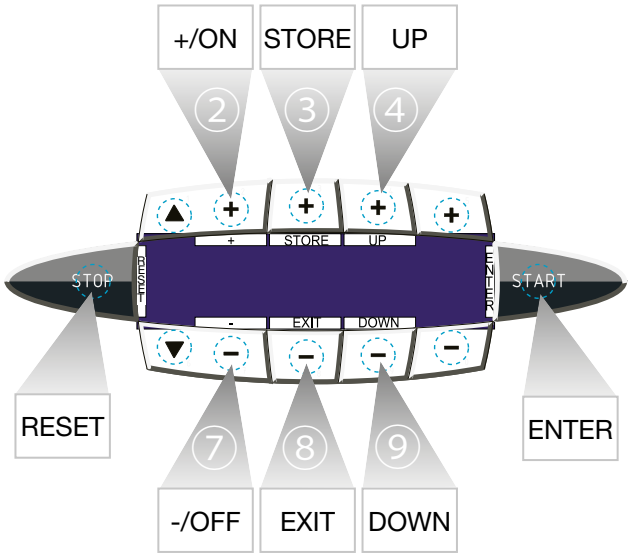
Do not let too much time pass between the individual keystrokes when entering a sequence of numbers!

6.3 Service menu basics

SERVICE MENU - STANDARD OPERATING ELEMENTS

After having entered the service CODE, the service menu is at your disposal. Navigation is made via the following buttons (see also chapter: Layout of the interior control panel numbers):

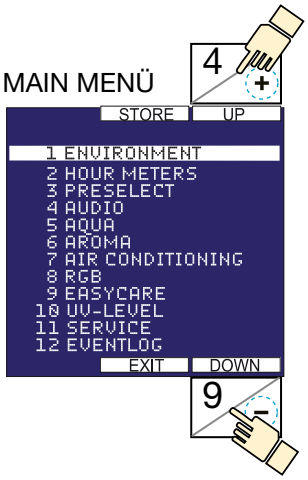
- Use buttons 4 (UP) and 9 (DOWN) to browse through the individual menu items and functions.
- Press the START/ENTER button to go to the corresponding submenu.
- Button 2 and 7 are used to switch functions on and off and to modify values.
- Press 3 (STORE) to save all modifications made in all menu items.
- Press 8 (EXIT) to go back to the previous menu level or to exit the service menu.



SERVICE MENU - BASIC OPERATION

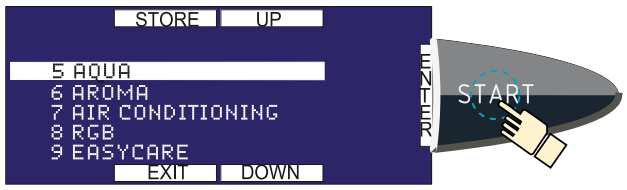
The service menu is divided into the main menu and subordinate groups of functions.

If you choose a menu item, e.g. “AUDIO”, you will get access to all functions related to this item.

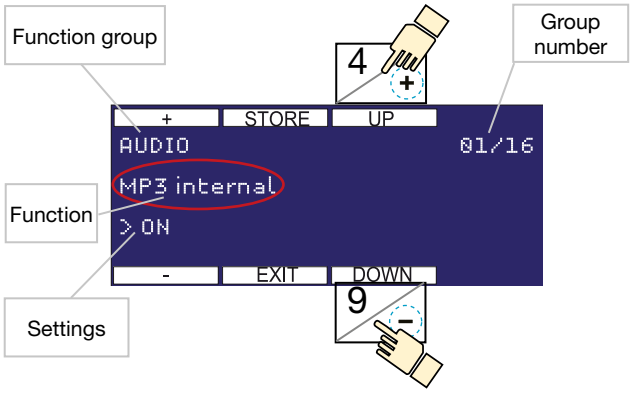


Select the desired function group from the main menu by pressing the 4 (UP) or the 9 (DOWN) button. The currently selected group is highlighted.

- Press the START/ENTER button to access the desired group menu.

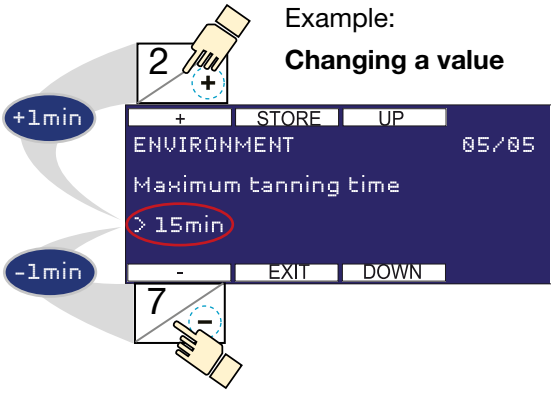


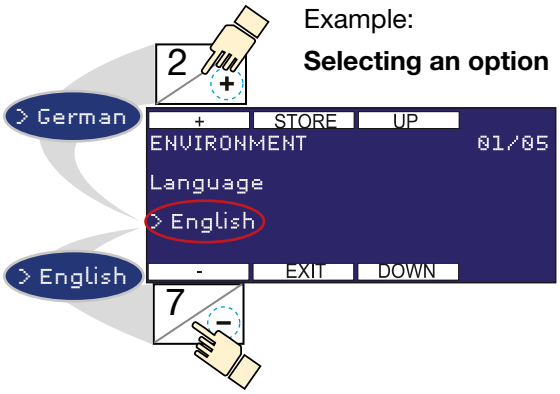
- The currently active function (circle) is displayed in the centre line on the left-hand side. You can invoke further functions of this group by pressing 4 (UP) or 9 (DOWN).

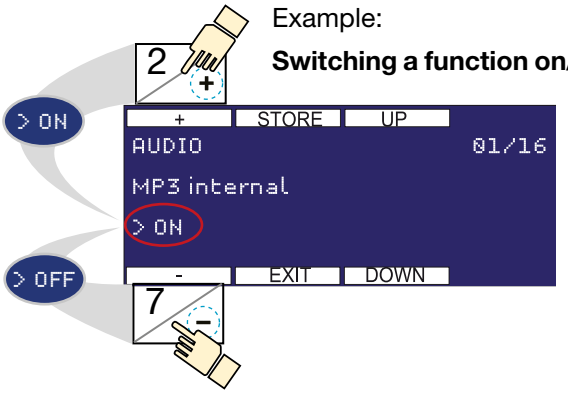


CHANGE SETTINGS

- Depending on the respective function, you can change values, select options and switch functions on or off. To do so, use the buttons 2 (+) and 7 (-).

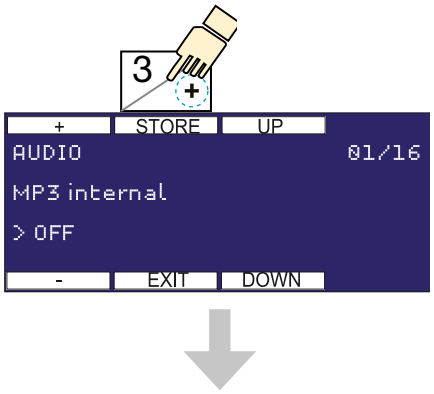




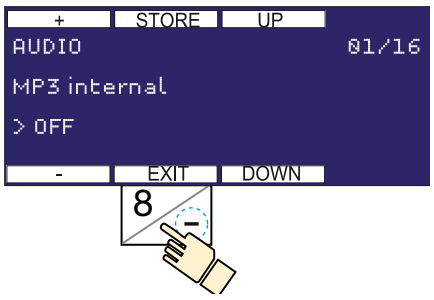


STORE & EXIT

- Save your settings by pressing the button 3 (STORE). If you fail to do so, the system will not take over the changes you made. -> See also chapter “Service Menu - Timeout”.
- By pressing the STORE button, you save all changes you have made in all menu items.



- By pressing 8 (EXIT), you go back to the previous menu level, or you exit the service menu.



SERVICE MENU - TIMEOUT

After performing your last operating action, you have 2 minutes left to save the changes you have made. Then, a prompt appears and all changes are automatically discarded after an additional 20 seconds.

SERVICE MENU - AUDIBLE SIGNALS

For user convenience, operation and storage processes are acoustically acknowledged in different ways:

Operation process	->	short sound
Storage process	->	long sound

KBL-7

6.4 Service menu - Overview

ENVIRONMENT

- ① Language
- ② Contrast
- ③ TIME AND DATE
- ④ TIMER DECORATIVE LIGHTING
- ⑤ Maximum tanning time

HOUR METERS

- ⑥ Operating hours overall
- ⑦ Operating hours UV tubes
- ⑧ Operating hours facial tanners
- ⑨ Number of sunbath

PRESELECT

- ⑩ UV-Typ
- ⑪ Audio
- ⑫ Voice (megaVoice)
- ⑬ Aircon (aircondition)
- ⑭ Aroma
- ⑮ Aqua (aquaCool)

AUDIO

- ⑯ MP3 internal
- ⑰ megaVoice
- ⑱ megaVoice language
- ⑲ Studio (Line-in)
- ⑳ usb MP3
- ㉑ MP3 external (Line in)
- ㉒ Studio channel selection
- ㉓ Number of studio channels
- ㉔ Musik nonstop
- ㉕ Nonstop music source
- ㉖ Default volume tanning
- ㉗ Default volume standby
- ㉘ Maximum adjustable volume
- ㉙ megaVoice volume adaption
- ㉚ Dynamic volume adaption
- ㉛ Treble MP3 - USB
- ㉜ High bass MP3 - USB
- ㉝ Low bass MP3 - USB
- ㉞ Volume adaption Studio Line-In
- ㉟ Treble Studio Line-In
- ㊱ High bass Studio Line-In
- ㊲ Low bass Studio Line-In

AQUA

- ㊳ aquaCool
- ㊴ aquaCool spray time
- ㊵ Cycle time
- ㊶ aquaCool start test cycle
- ㊷ aquaCool endurance test
- ㊸ aquaCool start initializatio

AROMA

- ㊹ Aroma
- ㊺ Aroma status reset
- ㊻ Cycle time
- ㊼ Aroma cabin automatic
- ㊽ Aroma cycles per hour
- ㊾ TIMER AROMA
- ㊿ Aroma start test cycle

AIR CONDITIONING

- (51) Air condition
- (52) Start level body fan

RGB

- (53) RGB mode

(54) SKIN CHECK TERMINAL (EASYCARE)

(55) UV-LEVEL

SERVICE

- (56) Load factory defaults
- SERVICE-CODE
  - (57) Service Code Level 1
  - (58) Service Code Level 2
- BLUETOOTH
  - (59) Name
  - (60) Powerlevel
- (61) FIRMWARE-TYP
- (62) FIRMWARE-VERSIONS
- (63) SOFTWARE UPLOAD
- (64) RGB-Setup
- SERVICE MODE
  - (65) Service mode without tanning
  - (66) Service mode with tanning
- (67) SOLARIUM IDENTIFICATION
- (68) SOLARIUM X-CODE
- (69) Reboot

(70) EVENT LOG

6.5 Service codes

SERVICE-CODE LEVEL 1

Access to the service menu start window is protected by CODE 1. When delivered, this CODE is **00000**. Optionally, the factory-set protection can be **replaced** by an individual CODE in the service menu, item

>SERVICE/SERVICE-CODE/Service Code Level 1<

SERVICE-CODE LEVEL 2

Some menu items are protected by CODE 2. Each tanning device has its own CODE 2.

You will receive your CODE 2 (Service Code Level 2) with the tanning device documentation.


megaSun
Important document - Keep in records
Wichtiges Dokument - Bitte aufbewahren
Service Code Level 2
Company /Firma:
Installation site / Aufstellort:
Device / Gerät:
Factory setting / Werkseinstellung
Individual setting / Individuelle Einstellung

Optionally, the factory-set CODE 2 can be **supplemented** by an individual CODE 2 in the service menu, item

>SERVICE/SERVICE-CODE/Service Code Level 2<

Access to the service menu start window can be done directly with the CODE 2. In this case all CODE 2 protected menu items are immediately activated.

- The factory-set CODE 2 remains valid even if an individual CODE 2 is set.
- Individual CODES are not reset by loading the factory settings.
- The one-time input of CODE 2 immediately activates all protected menu items.

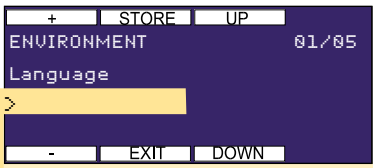
code 2

In the following chapter, you will recognize CODE 2 protected menu items by the service menu.

6.6 Service menu - options

In order to avoid operating errors, read through the basics at the beginning of the “Service Menu” section.

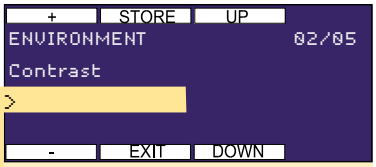
- Always remember to save your settings by pressing STORE.
- All menu items that comprise further submenus are displayed in CAPITAL LETTERS.

① 

> German
> English

Sets the language of the menu.

Factory setting: German

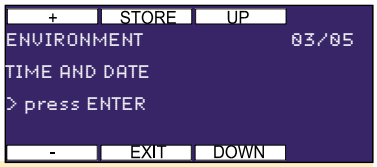
② 

> 00000.. ,00030

Sets the contrast of the interior control panel display.

Factory setting: 00020

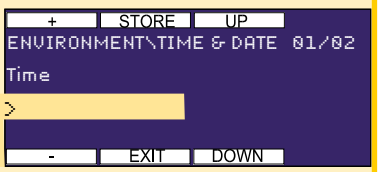
③

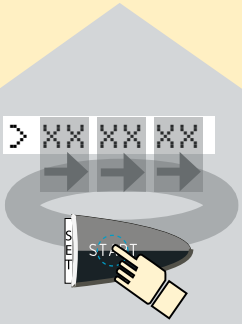


Entry of date and time. Invoke the submenu by pressing START (ENTER).



SUBMENU
TIME & DATE



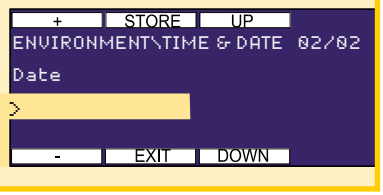


Select input fields (start / set)

Set value

Store / Exit

Select time or date



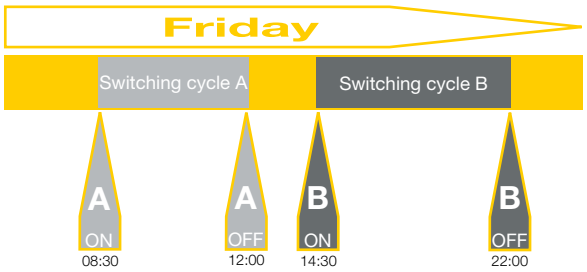
The menu item „Timer decorative lighting“ offers you two switching cycles (A and B) for each day of the week.

NOTE - SWITCHING CYCLES

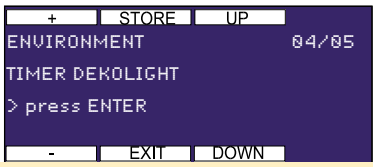
Using the setting „monday-sunday“, the switching cycle will be the same for each day of the week.

Week	Switching cycle A	Switching cycle B
Monday - Sunday	A-ON	B-ON
	A-OFF	B-OFF

Day	Switching cycles A	Switching cycles B
Monday	A-ON	B-ON
	A-OFF	B-OFF
Tuesday	A-ON	B-ON
	A-OFF	B-OFF
Wednesday	A-ON	B-ON
	A-OFF	B-OFF
Thursday	A-ON	B-ON
	A-OFF	B-OFF
Friday	A-ON	B-ON
	A-OFF	B-OFF
Saturday	A-ON	B-ON
	A-OFF	B-OFF
Sunday	A-ON	B-ON
	A-OFF	B-OFF



4

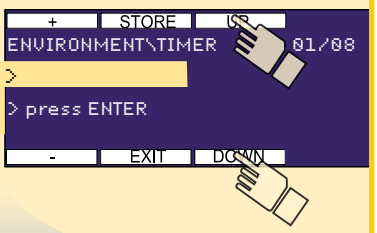


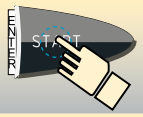
Entering switching times for the decorative lighting. The submenu is invoked by pressing START (ENTER).



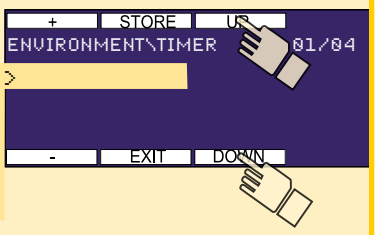
SUBMENU
TIMER DECOLIGTH

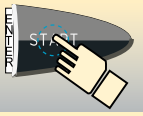
SELECT WEEK OR DAY OF THE WEEK



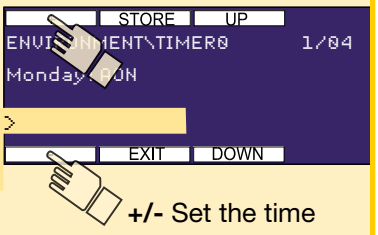


ENTER SWITCHING TIME

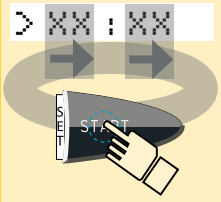




SET SWITCHING CYCLES



+/- Set the time



Select input fields

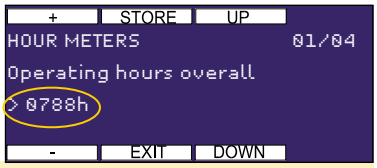
- Save settings by pressing STORE!

5



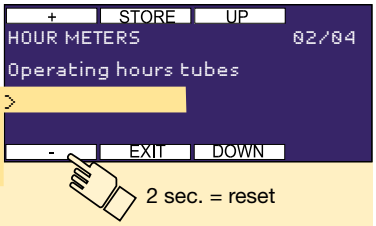
Not available in this system.

6



Displays the total operating hours.

7

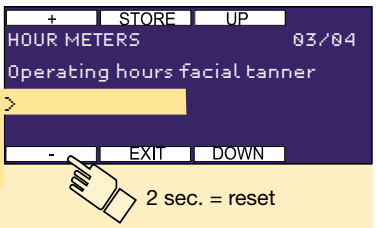


2 sec. = reset

Displays the total operating hours of the tubes and includes a reset function and set function to set the value in steps of five via the +/- buttons.

- Save settings by pressing STORE!

8

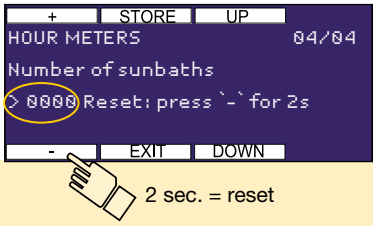


2 sec. = reset

Displays the total operating hours of the facial tanner and includes a reset function and set function to set the value in steps of five via the +/- buttons.

- Save settings by pressing STORE!

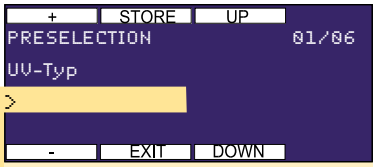
⑨



Indicates the number of tanning sessions (sunbaths) and includes a reset function.

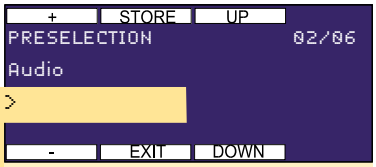
Under the menu item “PRESELECTION” you can make the initial settings for the device. The functions must be available and activated in this service menu.
-> ⑯/⑰/⑲/㊳/㊹/㊿

⑩



Not available in this system.

⑪

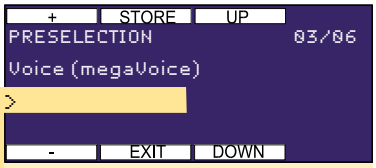


> Studio Line-In
> MP3-internal
> MP3-external

Determines the start setting of the audio source.

Factory setting: MP3-internal

⑫

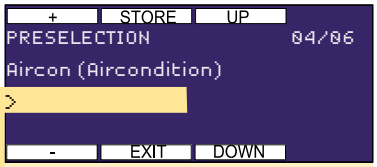


> on
> off

Specifies the start setting of the voice-guidance system.

Factory setting: on

⑬

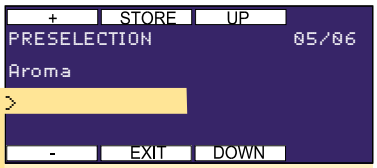


> on
> off

Fixes the start setting of the air-conditioning system.

Factory setting: on

⑭

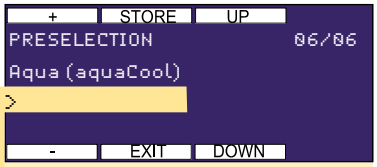


> on
> off

Defines the start setting of Aroma.

Factory setting: on

⑮

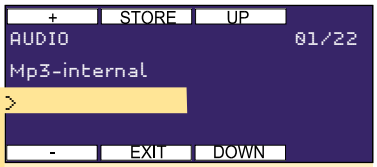


> on
> off

Specifies the start setting of aquaCool.

Factory setting: on

⑯

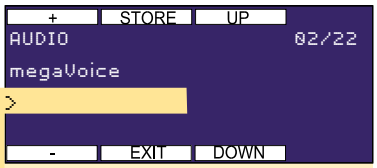


> on
> off

Activates and deactivates the internal MP3 player.

Factory setting: off

⑰



> on
> off

Activates and deactivates the voice-guidance system (megaVoice).

Factory setting: on

18

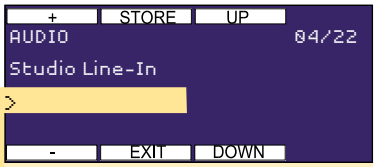


> English
> German
> ...

Fixes the language setting of the megaVoice system.
The following languages are fully supported:
GB,RU,DE,FR,IT,PL,CZ,NL,HU,BG,HR,RO,RS,SK
The following languages are supported in part:
DK,EE,LT,NO,ES,SE,TR
(without Skin Check Terminal)

Factory setting: Depending on the operator country

19

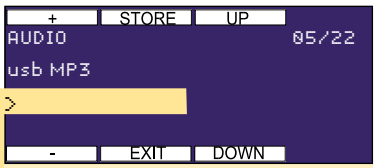


> on
> off

Activates and deactivates the Studio (line-in) audio signal.

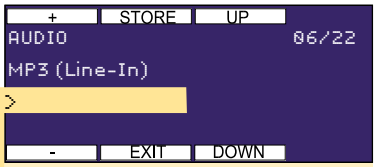
Factory setting: on

20



Not available in this system.

21

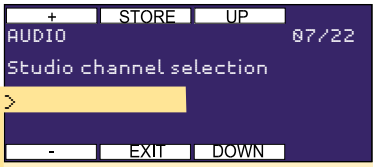


> on
> off

Activates and deactivates the line-in connection (bed part, right-hand side of the head end) for units from standard-line level to low loudspeaker levels (MP3 player, iPod, etc.).

Factory setting: on

22



> bcd
> puls code
> off

Allows for the change-over between pulse-code and BCD-code mode with the Studio signal pending and deactivates the external-channel selection.

Factory setting: bcd

23

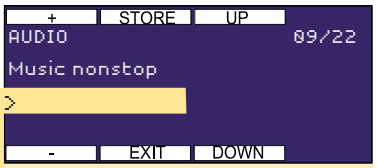


> 2
> 4

If bcd has been preselected, the number of channels available in the studio is specified here.

Factory setting: 4

24

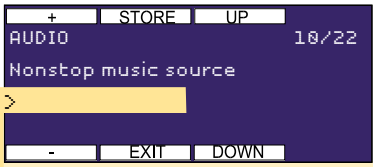


> on
> off

If this function is active, music is played nonstop, i.e. also out of tanning sessions.

Factory setting: off

25



> MP3-internal
> Studio Line-In

Allows for choosing the permanent audio source for the “Music nonstop” function“.

Factory setting: MP3-internal

26

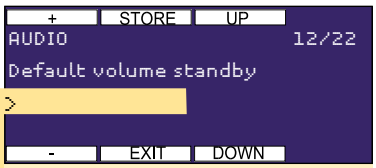


> 0 .. . 9

Sets the volume for the tanning mode.

Factory setting: 6

27



> 0 .. . 9

Sets the volume for the standby mode.

Factory setting: 3

28

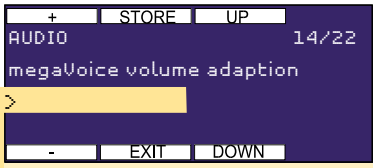


> 5 .. . 9

Presetting the maximum adjustable sound level, limits the maximum adjustable sound level in the operating and standby mode.

Factory setting: 9

29

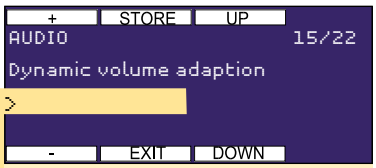


> -09 .. . +09 dB

Here you can adapt the volume of megaVoice.

Factory setting: -07 dB

30

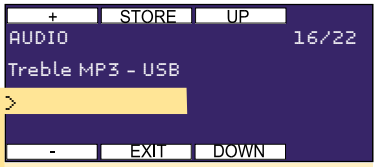


> on
> off

Dynamic volume adaption on-/off.

Factory setting: on

31

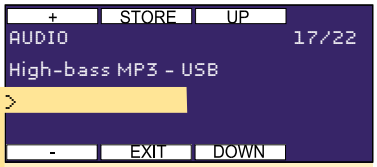


> -14 .. . +14 dB

Sets the treble for MP3 - USB operation.

Factory setting: +14 dB

32

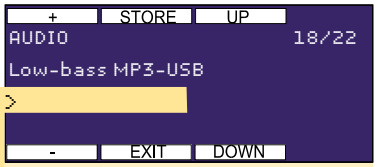


> -14 .. . +14 dB

Sets the high-bass for MP3 - USB operation.

Factory setting: +08 dB

33

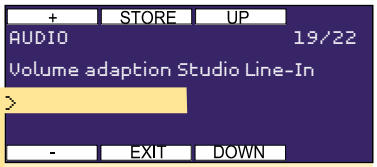


> -14 .. . +14 dB

Sets the low-bass for MP3 - USB operation.

Factory setting: +08 dB

34

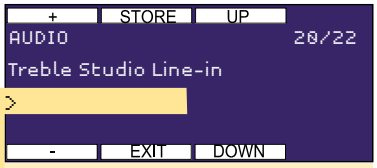


> -29 .. . +29 dB

Here you can adapt the volume of studio line-in signal.

Factory setting: 00 dB

35

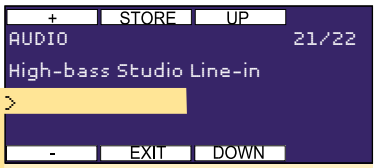


> -14 .. . +14 dB

Sets the treble for studio music operation.

Factory setting: +14 dB

36

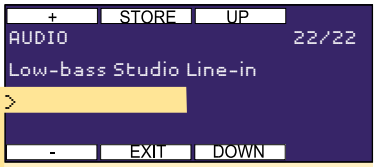


> -14 .. . +14 dB

Sets the high-bass for studio music operation.

Factory setting: +08 dB

37

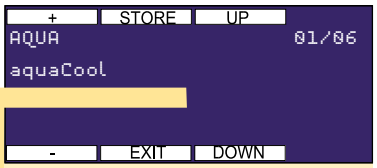


> -14 .. . +14 dB

Sets the low-bass for studio music operation.

Factory setting: +14 dB

38



> on
> off

Activates and deactivates the aquaCool function.

Factory setting: off

39

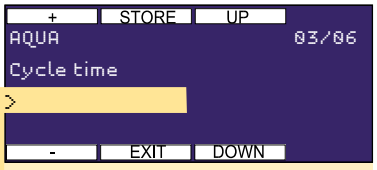


> 2 .. . 6 (sec)

Determines the duration of the aquaCool spraying time.

Factory setting: 6

40



> 1 .. . 5 (min)

Defines the aquaCool and aroma cycle time (spraying time + spraying interval).

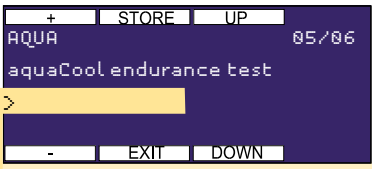
Factory setting: 1

41



Starts the aquaCool test (1 cycle).

42



> on
> off

Starts the aquaCool endurance test. After having selected and stored the “on” setting, you must leave the service menu and start a tanning session. Attention! aquaCool will continue to spray permanently during a whole tanning session.

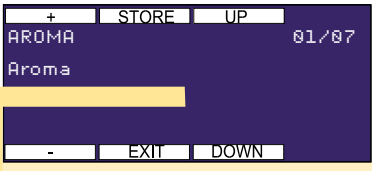
Factory setting: off

43



Starts the aquaCool initialization process. A spraying cycle of 90 seconds is started to bleed the system before commissioning, after a repair operation or after a canister replacement.

44

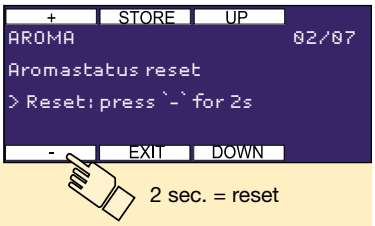


> on
> off

Activates and deactivates the aroma function.

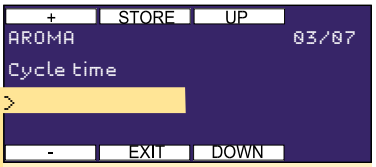
Factory setting: off

45



Reset -> after having exchanged the Aroma tin.

46

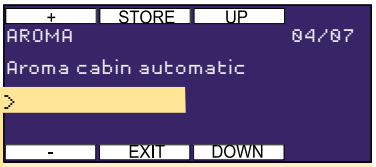


> 1 .. . 5 (min)

Defines the aroma cycle time (spraying time + spraying interval). Only active in systems without aquaCool or disabled aquaCool.

Factory setting: 1

47

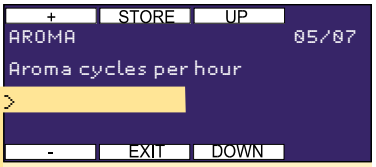


> Door contact
> Intervall
> off

The cabinet scent release can be set at intervals, controlled by a door contact switch, or completely deactivated.

Factory setting: off

48



> 1 .. . 6

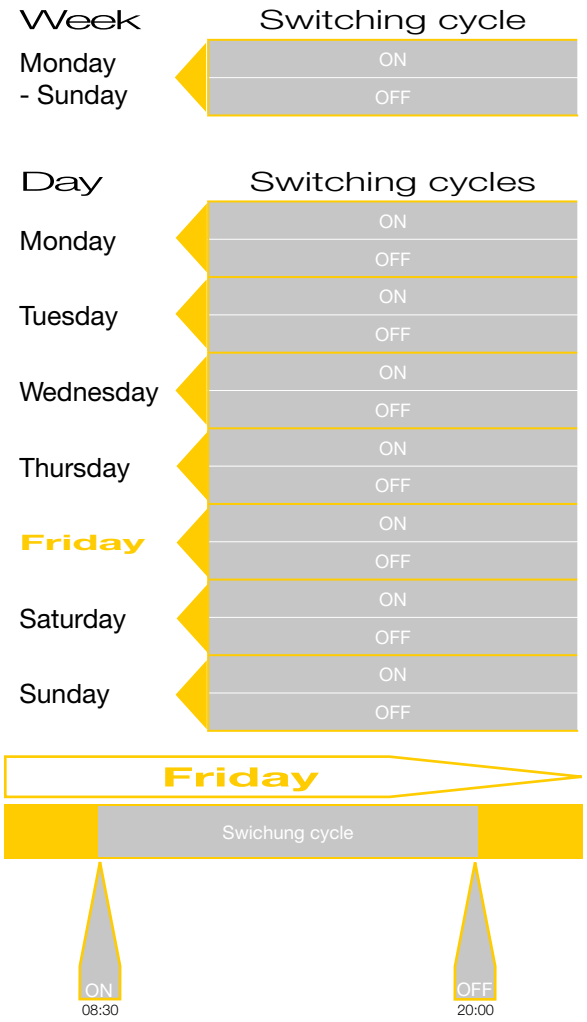
For interval operation of the cabinet scent released, the number of scent releases per hour can be set here.

Factory setting: 3

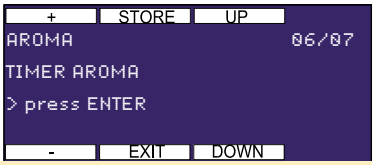
The menu item „TIMER AROMA“ offers you a switching cycle for each day of the week.

<u>NOTE - SWITCHING CYCLES</u>

Using the setting „monday-sunday“, the switching cycle will be the same for each day of the week.



49

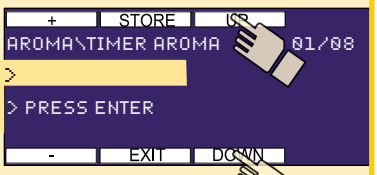


Entering switching times for the Aroma Timer.
The submenu is invoked by pressing START (ENTER).

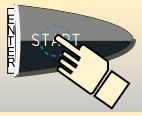


SUBMENU
TIMER AROMA

SELECT WEEK OR DAY OF THE WEEK



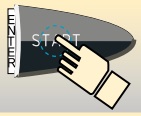
> Monday - Sunday



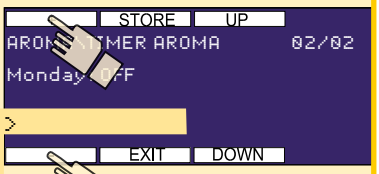
ENTER SWITCHING TIME



> (Day) ON
> (Day) OFF



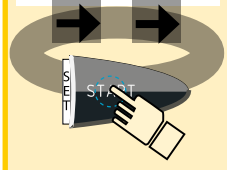
SET SWITCHING CYCLES



> 00:00 - 23:59

+/- Set the time

> XX : XX



Select input fields (start / set)

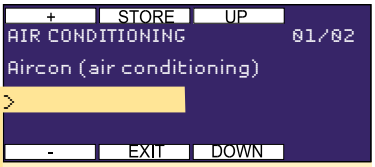
- Save settings by pressing STORE!

50



Starts the Aroma test (1 cycle).

51

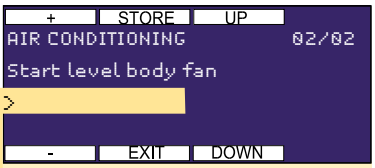


> on
> off

Switches the air-conditioning unit on and off.

Factory setting: on

52

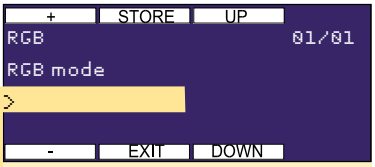


> 1 . . . 9

Specifies the “start speed” setting of the body fan at the beginning of the tanning.

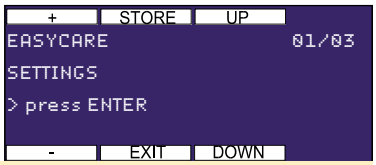
Factory setting: 2

53



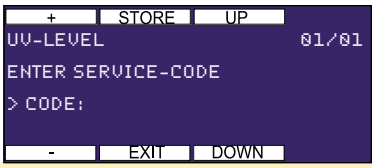
Not available in this system.

54 code 2



In the United States this function is inactive.

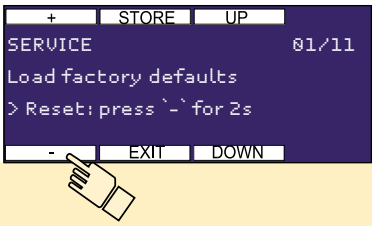
55 code 2





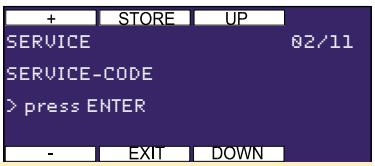
These settings must only be made by trained service personnel!

56



Loads the factory (default) settings.

code 2



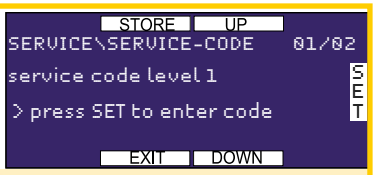
Submenu call
with START/ENTER.

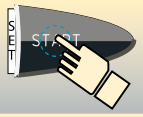


SUBMENU
SERVICE CODE

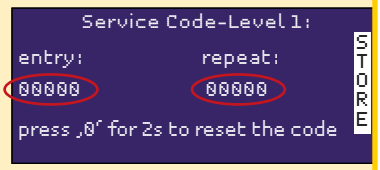
Service Code Level 1 57
Service Code Level 2 58

57



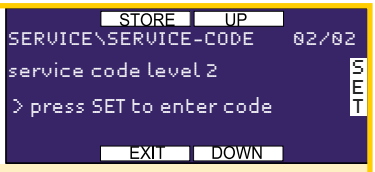


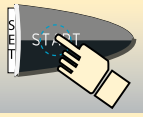
Enter new service code 1 and repeat the entry.



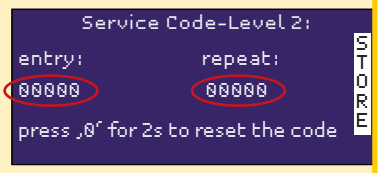
Save settings by pressing STORE.

58



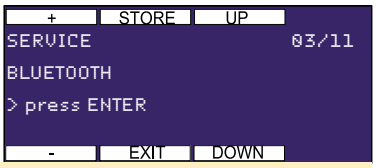


Enter new service code 2 and repeat the entry.

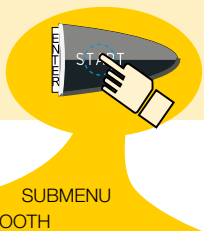


Save settings by pressing STORE.

code 2



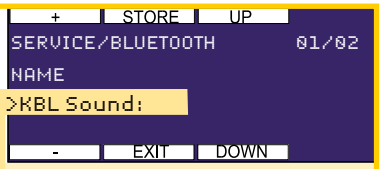
Submenu BLUETOOTH.
Invoked by pressing
START (ENTER).



SUBMENU
BLUETOOTH

Name 59
Powerlevel 60

59



> 01 - 99

To fit your Studio environment (multiple units) different numbers can be added to the bluetooth device name (KBL Sound xx) of each tanning device.

Factory setting: 01

60



> 1 .. . 7

Sets the transmission power for bluetooth.

Factory setting: 1

61



Submenu call with START/ENTER. Displays the current firmware typ / variant.

62



Submenu call with START/ENTER. Displays the current firmware version of the system components.



Do not operate the system with different firmware versions!

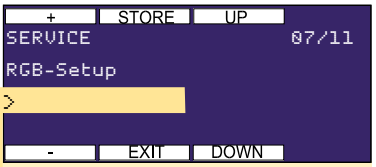
- **All system components must be equipped with an identical firmware version.**

63



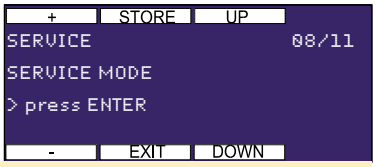
Submenu call with START/ENTER. Displays the first and the last Software-Upload.

64



Not available in this system.

code 2



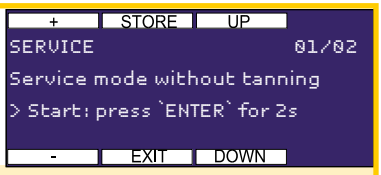
Submenu SERVICE MODE.
Invoked by pressing
START (ENTER).



SUBMENU
SERVICE MODE

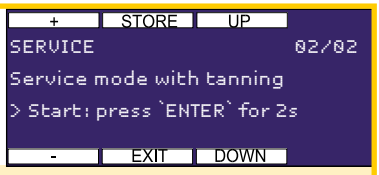
Service mode without tanning ⑮
Service mode with tanning ⑯

65



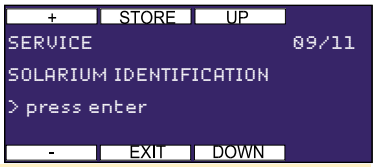
Troubleshooting mode.
The service mode is switched on for 30 minutes. The mains voltage is connected. Error notifications are ignored, but tanning cannot be started.

66



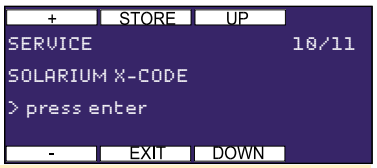
Troubleshooting mode.
The service mode is switched on for 10 minutes. The mains voltage is connected. Error notifications are ignored, tanning can be started. After this period, there is a 3 minute restart lockout.

67



Show the characteristics of the tanning device:
- Configuration code
- Variant code
- Serial number

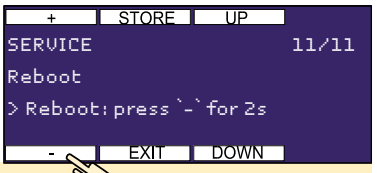
68 code 2



Branches to further configuration options.

These settings must only be made by trained service personnel!

69



Performs a restart of the electronics.

Attention

- **All unsaved changes will be discarded!**

70



Lists the latest 99 events (error codes & info-messages). Detailed information is available by pressing the Start button.

Example:

no.	time	date	code	tanning time
001	16:44	05.01.09	0011	03:23
002	15:22	05.01.09	0002	07:22
003	10:07	22.12.08	....	....
004	17:16	....		
005	....			
....				
099				

KBL

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