KBL

KBL **6800** α

Operating Instructions

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Contents

General information

About these instructions

This operating manual is intended for use by

- operating staff,
- users,
- service staff.

Any person dealing with this tanning unit must have read and understood these instructions.

This manual describes units equipped with the maximum number of features.

Keep this manual ready to hand at all times.

Transport by forklift truck

The device is mounted on a pallet.

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

Other modes of transport

⚠	**⚠ DANGER**
	Overturning load!
	Danger of being crushed by heavy parts of the equipment.
	- **Wear safety shoes.**

If a forklift truck cannot be used for transport, the box must be unpacked and the parts inside 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.

Environmental regulations (disposal of lamps)

Fluorescent lamps contain fluorescent materials and other waste products containing mercury. Some areas of the USA and Canada have specific regulations regarding disposal of these waste. Please check the laws in your area and act in accordance with municipal waste regulations. Please retain proof of proper disposal of lamps. Your local regulatory agency can assist you with the disposal of lamps. Report the number of lamps to your local agency by telephone or in writing. The regulatory agency can provide you with a delivery point for your lamps or will take care, in conjunction with a disposal company, of the collection and proper disposal of the lamps (Fees for this may apply). Please contact your code enforcement officials for more information regarding laws governing disposal of these components in your area.

Service

REPAIRS - SERVICE - REPLACEMENT - PARTS AND LAMPS - EYE PROTECTION

If you are in need of any of the above mentioned products or services, you should contact:

PC Tan, Inc.
1040 Wilt Avenue
Ridgefield, NJ 07657, USA

1-800-FAST TAN (327-8826)

NOTE: All repairs and replacement components including, but not limited to protective eyewear, lamps, timers and acrylic must be in compliance with CFR 21 1040.20.

Safety notes

This chapter provides a summary of general information on safety and proper handling of the device. More specific safety advice is given in other chapters of the operating manual.

General safety advice

WARNING - ULTRAVIOLET RADIATION - FOLLOW INSTRUCTIONS - FAILURE TO USE PROTECTIVE EYEWEAR MAY RESULT IN SEVERE BURNS OR OTHER EYE INJURY - IF DISCOMFORT DEVELOPS, DISCONTINUE USE AND CONSULT A PYSICIAN.

ATTENTION - RAYONNEMENTS ULTRAVIOLETS - VEUILLEZ SUIVRE LES INTRUCTIONS - SANS DISPOSITIF DE PROTECTION DES YEUX, CE PRODUIT PEUT CAUSER DES BRÛLURES OU LÉSIONS OCULAIRES GRAVES - SI VOUS SENTEZ UN MALAISE, EN DISCONTINUER L'USAGE ET CONSULTER UN MÉDECIN.

DANGER - Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reaction. Repeated exposure may cause premature aging of the skin and cancer.
Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunbed if you are using medications or have a history of skin problems or believe yourself especially sensitive to sun light. If you do not tan in the sun you are unlikely to tan from use of this product. Children, the elderly, or fair skinned people who always burn easily and either never tan or tan minimally should not use this equipment.

DANGER - Eviter surexposition. Comme avec la lumière naturelle du soleil, la surexposition peut causer lésions aux yeux et à la peau et réactions allergiques. Une exposition répétée peut causer un vieillissement prématuré de la peau et cancer. Médicaments et cosmétique peuvent augmenter votre sensibilité aux rayons ultraviolets. Consulter un médecin avant d'utiliser la lampe à ultraviolets si vous utilisez médicaments, si vous avez problèmes de peau ou si vous croyez vous êtes particulièrement sensibles au rayons du soleil. Si vous ne bronzez pas avec le soleil c'est improbable que vou povez vous bronzer en utilisant ce produit. Enfants, personnes agées, ou personnes á peaux très claire, qui deplus sont très sensibles à un coup de soleil et ne brunisent pas ou très peux ne doivent pas utiliser cet appareil de bronzage.

Part No. 3010370800

This device is intended to be used by only one person at a time. Lie down on the bench in a straight position and with physical contact to the bench.

CAUTION: EXPOSURE POSITIONS OTHER THAN SPECIFIED MAY RESULT IN OVEREXPOSURE AND ARE NOT RECOMMENDED.
Tanning normally begins after one to two exposures and maximizes after one to four (1-4) weeks of exposure following the recommended schedule for your skin type.

Wear protective eyewear.
Eyewear: Schmerler GmbH, No. 2255

DO NOT REMOVE THIS LABEL
Read the instruction booklet before using tanning system

RECOMMENDED EXPOSURE SCHEDULE

Tanning can begin at a regular basis by gradually increasing the exposure times until maximum tanning has occured (in approx. 4 weeks).
MAXIMUM EXPOSURE TIME: 10 minutes.

Skin type	Week 1 1st - 3rd Session	Week 2 4th - 6th Session	Week 3 7th - 9th Session	Subsequent Weekly Session
II	2 min	4 min	6 min	7 min
III	2 min	4 min	6 min	8 min
IV	2 min	4 min	7 min	9 min
V	2 min	5 min	7 min	10 min

Do not tan more than once in a 24 hour period.

This product is in conformity with performance standards for sunlamp products under No. 21 CFR 1040.20. This appliance is intended to be used with the following lamps:
Canopy: megaLine 1870 R 200W CPI plus
megaLine 1857 R 80W
Bench: megaLine 1990 R 200W CPI plus
Facial units: megaLine HP 800
Shoulder tanner (optional): ms 250
For replacement lamps, eyewear or parts please contact:
PC Tan, Inc.
1040 Wilt Avenue
Ridgefield, NJ 07657, USA
Part No. 3010371557

This device is intended to be used by only one person at a time. Lie down on the bench in a straight position and with physical contact to the bench.

CAUTION: EXPOSURE POSITIONS OTHER THAN SPECIFIED MAY RESULT IN OVEREXPOSURE AND ARE NOT RECOMMENDED.
Tanning normally begins after one to two exposures and maximizes after one to four (1-4) weeks of exposure following the recommended schedule for your skin type.

Wear protective eyewear.
Eyewear: Schmerler GmbH, No. 2255

DO NOT REMOVE THIS LABEL
Read the instruction booklet before using tanning system

RECOMMENDED EXPOSURE SCHEDULE

Tanning can begin at a regular basis by gradually increasing the exposure times until maximum tanning has occured (in approx. 4 weeks).
MAXIMUM EXPOSURE TIME: 10 minutes.

Skin type	Week 1 1st - 3rd Session	Week 2 4th - 6th Session	Week 3 7th - 9th Session	Subsequent Weekly Session
II	2 min	4 min	6 min	7 min
III	2 min	4 min	6 min	8 min
IV	2 min	4 min	7 min	9 min
V	2 min	5 min	7 min	10 min

Do not tan more than once in a 24 hour period.

This product is in conformity with performance standards for sunlamp products under No. 21 CFR 1040.20. This appliance is intended to be used with the following lamps:
Canopy: megaLine 1852 R 160W
megaLine 1857 R 80W
Bench: megaLine 1972 R 180W
Facial units: megaLine HP 800
Shoulder tanner (optional): ms 250
For replacement lamps, eyewear or parts please contact:
PC Tan, Inc.
1040 Wilt Avenue
Ridgefield, NJ 07657, USA
Part No. 3010371553

Read the instruction booklet before using this device. This device must be operated with an external timer that is specified in chapter „Timer controlled operation".

This device may be used only by persons over 18 years and is intended to be used by only one person at a time.

Tanning can begin on a regular basis. An appearance of tanning normally appears after a few exposures and maximizes after four (4) weeks of exposure.

WARNING: As the device is intended to be used by only one person at a time, only one (1) pair of protective eyewear is provided with each KBL tanning device. Use protective eyewear whenever equipment is energized. Read the instruction booklet before using.

Follow the exposure schedule (see chapter „Exposure schedule") in accordance with your skin type. Failure to do so may result in overexposure. However, regardless of how dark an individual may tan on this system, it will not provide adequate protections against overexposure to natural sunlight or UVB tanning systems.

SKIN TYPE II - This is the individual that usually burns easily and severely, tans minimally or lightly and peels.

SKIN TYPE III - Often referred to as „AVERAGE" complexion. Burns moderately and tans about average.

SKIN TYPE IV - This individual burns minimally, tans easily and above average with each exposure.

SKIN TYPE V - This individual rarely burns, tans easily and substantially.

Duties of the operator

KBL cannot be held liable for any damage resulting from improper use of the equipment or non-observance of these operating instructions.

Only original spare parts – especially tubes and burners – have to be used, otherwise operating authorization and terms of guarantee will become invalid.

FURTHER INSTRUCTIONS

- Follow all instructions given in this manual. In addition to that, observe all applicable statutory provisions and regulations, also those applicable in the country of operation.

- The appliance may only be installed and assembled by specifically trained staff.

- Arbitrary modifications or conversions of the equipment are non-permissible.

- Observe all danger signals and safety signs attached to the equipment.

- Safety signs must not be removed, and safety appliances must not be disabled.

- The unit may only be operated when in perfect working condition.

- Never operate the device with the outer covering removed or with the acrylic panes removed.

- The tanning system has to be controlled via a timer that complies with the generally applicable standards.

- Pay attention to the load limit of the bed pane (tanning bed units only).

Intended use

The unit is intended to be used for the tanning of one single person at a time. This person must not fall in one of the categories mentioned below, otherwise using the tanning equipment is prohibited for him or her.

The following individuals must not use the device:
- Persons under 18 years of age
- Persons wearing heart pacemakers
- Person prone to sunburn, without the desired tanning effects, when exposed to the sun (skin type I)
- Persons already suffering from sunburn
- Persons suffering, or having suffered, from skin cancer, or persons with a corresponding predisposition
- Persons taking medicines

Furthermore, this tanning unit has been designed for use by individuals who are in full command of their physical, sensorial and mental faculties. Moreover, sufficient knowledge and experience are required. Children should be supervised to make sure that they do not use the unit as a toy.

Timer controlled operation

This device must be operated with an external timer that is listed in compliance with UL 917.

If the external timer fails, the device is automatically switched off by an internal timer after the TE-time of the respective type of device.

The maximum tanning time must not be exceeded.

Guidelines for the use of protective eyewear

Before use, the length of the elastic strap must be adjusted to the required head size.

For maximum protection to elevate stray light, the eye protection must fit securely and comfortably on the eyelids. If is any stray light from the sides or under the rim of the lens, DO NOT USE this eye protection. Ask the studio staff to recommend an alternative eye protection.

Never use eye protection lenses that are broken, cracked, bleached out, or otherwise damaged.

Updating the system software

	ATTENTION
⚠️	**Risk of damage by switching off the power supply voltage.**
	Disconnecting power supply during the update process, will lead to damage of electronic components.
	• Make sure that the unit is not disconnected from the power supply voltage during the update.

To accomplish the update download the "USB-Connect" software offered by KBL. For detailed information press the help-button in the main menu.

Description of the unit

Standards

This product is in conformity with performance standards for sunlamp products under No. 21 CFR 1040.20.

Components

The tanning unit basicallly consists of the following components:

- The canopy including 20 tubes, 3 facial tanners, preSelection- and interior display.
- The side part including 6 tubes and face tanner.
- The base part including 20 tubes and the electronic unit. Depending on the model also with shoulder tanner and further, optionally available components.

1	AquaCool - nozzles (optional equipment)
2	preSelection display with USB connector
3	Canopy decorative lighting
4	Interior display
5	Facial tanner
6	Shoulder tanner (optional equipment)
7	Line connectors (In/Out) (Player/Headset)
8	Base (faceplate)
9	Bed pane
10	Collagen tubes
11	Side pane
12	Canopy pane
13	Air nozzles
14	Canopy

KBL 6800 α

Connections

Connecting the mains voltage

⚠ DANGER
Live components
Risk of fatal injury due to electric shock when touching live parts.
• Switch neutral and secure against reconnection.

Both the power supply and the related connection work must comply with national standards. The connection work must only be performed by qualified expert staff.

The connection to the 3 x 220 V mains must be protected by fuses. Their specifications are listed in the chapter "Technical data".

A Class-A ground fault circuit interrupter (GFCI) has to be used for Canada.

Should the operation of the tanning unit 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.

mains connection
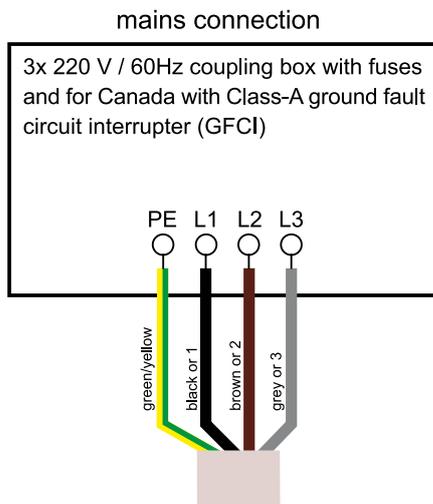
The tanning device is by default set up to operate on 3 phases but it can be changed over to 2-phase operation. The wiring for 3-phase operation is shown below:

3-Phase Operation
(3 x 220V / 60Hz)
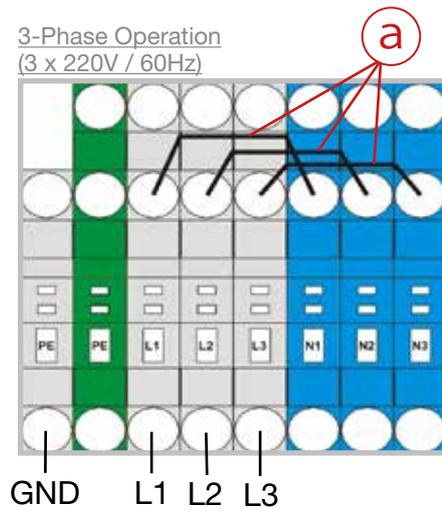
GND   L1 L2 L3

The wiring for 2-phase operation is shown below.

1. Remove wires ⓐ (3 x Ø2,5mm x 0.1m).
2. Set jumper ⓑ (2 x Wago 2016-403).
3. Connect the 2-phase mains supply (GND-L1-L2) according to the diagram below.
4. Make sure that you use the right cable for the power supply.

2-Phase Operation
(2 x 220V / 60Hz)

GND   L1   L2
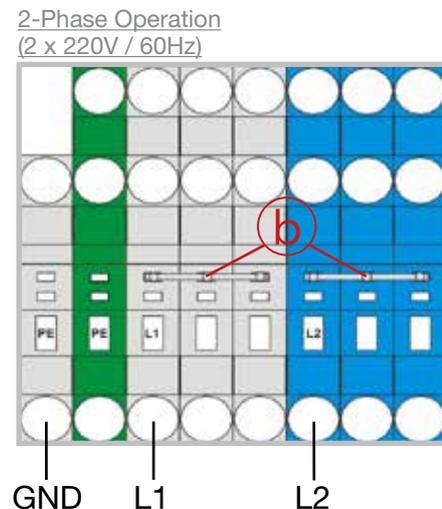
Connecting an external audio source

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

Wiring on the audio equipment's side

R-   R+   L-   L+

yellow   green   white   brown
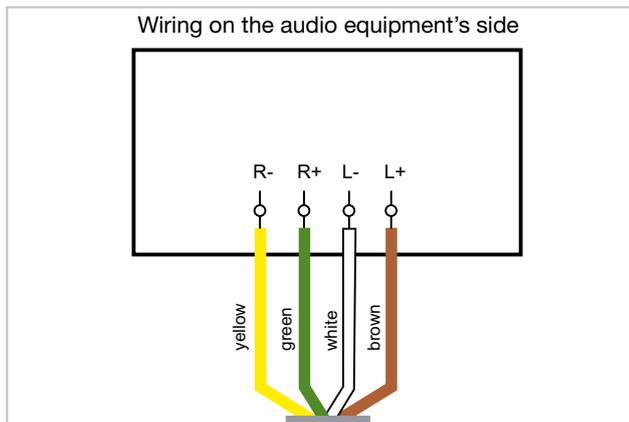
Level adjustment studio signal

The voice / audio system components are built in the middle of the bed part (vacuum housing) of the sunbed. 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 a service engineer. Adjustment of the sound level can only be conducted in the service menu.
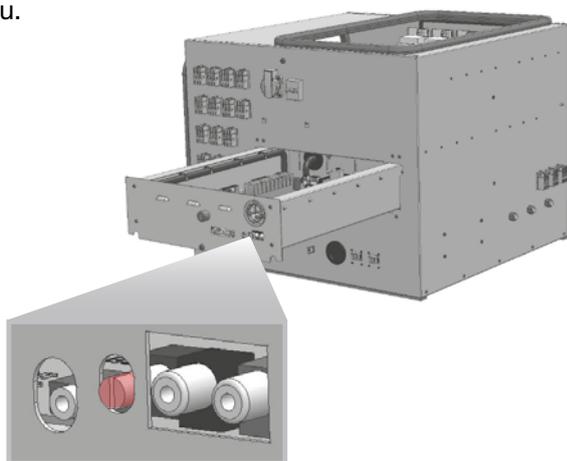
Operation using different audio sources

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

• An internal audio source
• Various external audio sources
• All available audio sources

The audio source can be chosen in advance via the "preSelection" feature and then changed at any time by using the interior control panel.

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.

USB

You can connect a USB stick to a USB port that is integrated in the canopy.

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 trained service staff.

EXTERNAL PLAYERS & HEAD-/EARPHONES

A line connection has been integrated on the right-hand side of the bed's head end so that the sunbed 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. The audio source switches over automatically, and the music of the user's own player is played.

The "Studio" option offered under the menu item "Audio" in the service menu must have been activated in order to be able to make use of the feature described above.

The volume can be controlled both via the control panel of the sunbed and via the corresponding operating elements provided by the external players. Either a headphone or an earphone with a 3.5 mm jack plug can be used. The corresponding connector socket is located next to the line connector. The audio signal is also 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.

USB INTERFACE

The canopy of your sunbed is equipped with a USB connector socket. So you can also use a USB stick to play MP3 audio files. Just plug in your USB stick, and the sunbed will automatically play the tracks available on the stick. The MP3 tracks to be played must not exceed a sampling rate of 320 Kbit/s.

KBL AG attaches great importance to hardware compatibility. Due to the large number of manufacturers of storage media, however, we cannot guarantee a 100 % compatibility. In rare cases, it may happen that a USB stick is not identified correctly. If this happens, please use another USB stick.

🚫	Make sure not to use any mass memory device other than a USB stick at this connection (see table "Technical Data"). USB sticks that are equipped with an integrated MP3 player have non-standard sector sizes. We cannot guarantee the proper functioning of these sticks connected via the USB interface. So please use the line connection at the head end of the bed part for this type of device.

Bluetooth connection

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

CONNECT EXTERNAL PLAYER

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

ℹ	Make sure that you are within the reception area (about 2 meters). Make sure that your device 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 appliance.

- 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 devices choose "KBL Sound". In the service menu, a trailing number (01, 02, 03, ...) can be added to 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
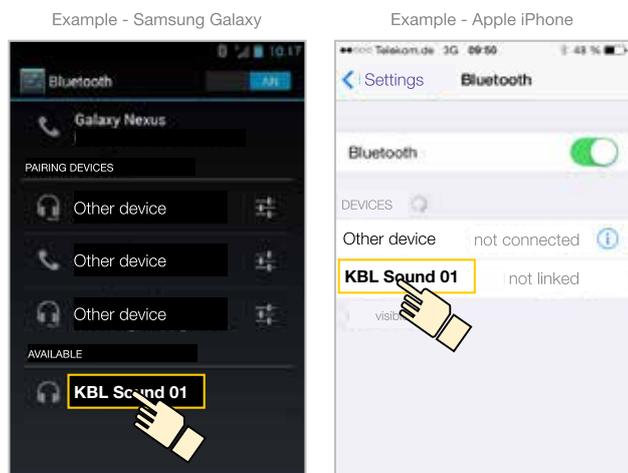
- A two-time beep indicates that your device is connected to the solarium.

Example - Samsung Galaxy   Example - Apple iPhone
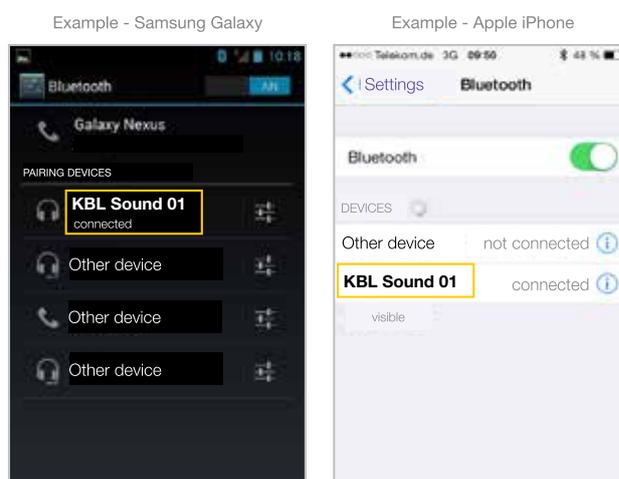
- Set your device to a **medium volume level** and start the music.

- Adjust the volume level on your device.

- 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 AG 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 unit 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 device.
Start the bluetooth device detection again.

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

puls-coding
ch. selection +
ch. selection -
Volume -
Volume +
Control voltage
1 2 3 4 5

Wiring on the audio system of the studio

BCD-coding
BCD 0
BCD 1
Control voltage
BCD 2
1 2 3 4 5 6
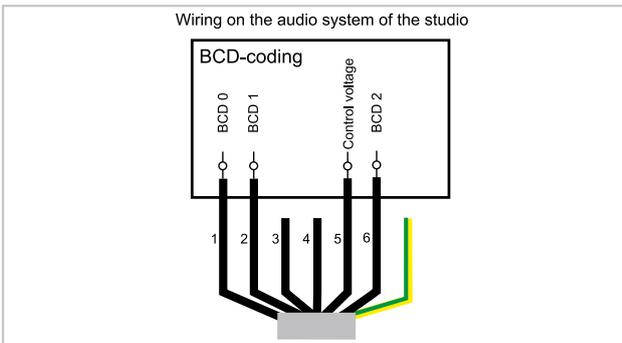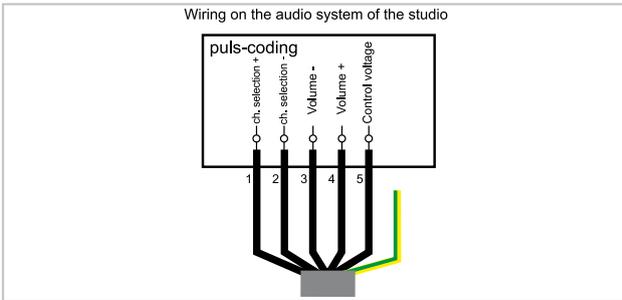
CHANNEL	BCD 0	BCD 1	BCD 2
1	0	0	0
2	1	0	0
3	0	1	0
4	1	1	0
5	0	0	1
6	1	0	1
7	0	1	1
8	1	1	1

Connecting the external timer

Pass both, the connector cable of the T-Max timer and the leads of the solarium, 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

Cable entry for external connector cable
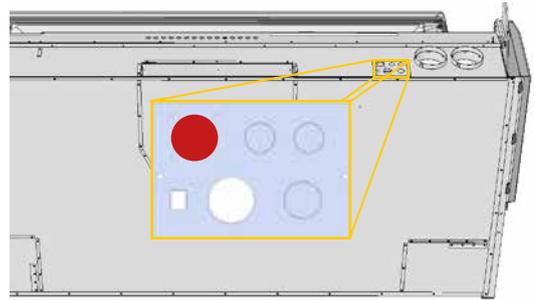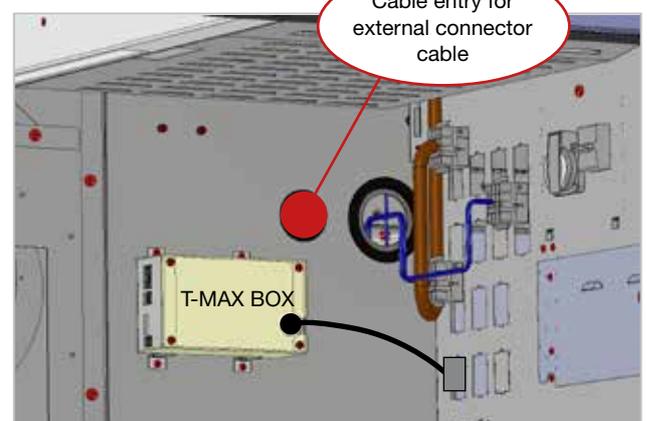
T-MAX BOX

- Remove the cover from the T-Max Box.
- Insert the T-Max board to the socket pins of the box.
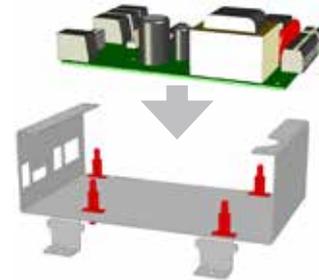
- Attach the connectors to the T-Max board and housing (ground).
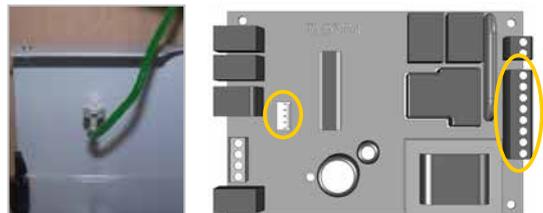
- Attach the cover of the T-Max Box.

- Fasten the timer above the T-Max box, using the two screws.
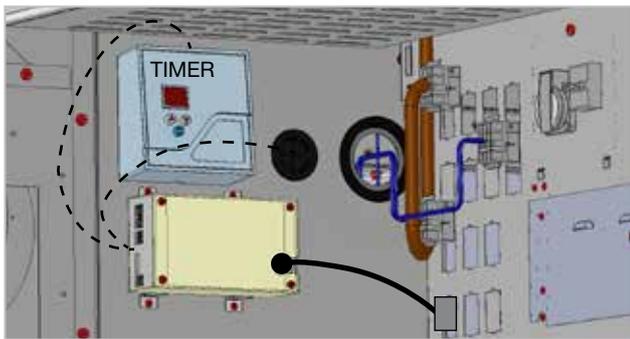
- Connect the external cable and the timer to the T-Max box.

aquaCool and Aroma connections

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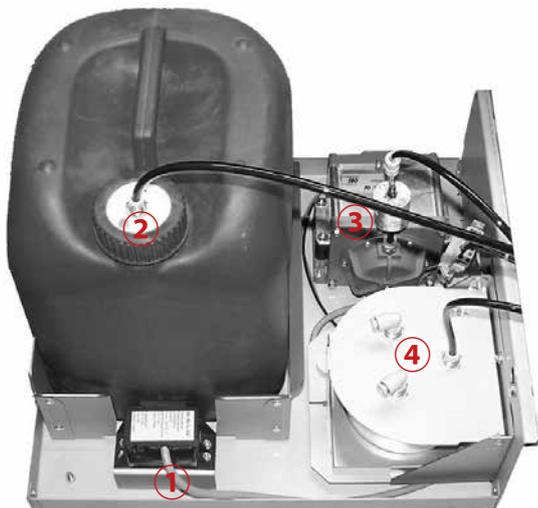
1	Connector (liquid-level monitoring)
2	Connection to aquaCool canister
3	Compressor with compressed-air connection
4	Aroma box

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
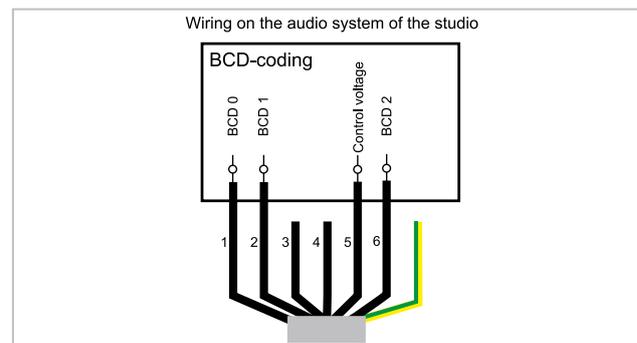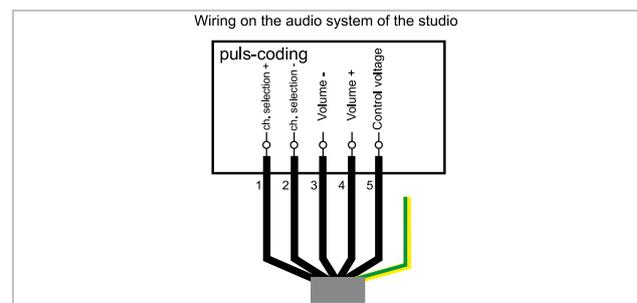
CHANNEL	BCD 0	BCD 1	BCD 2
1	0	0	0
2	1	0	0
3	0	1	0
4	1	1	0
5	0	0	1
6	1	0	1
7	0	1	1
8	1	1	1

Start-up

Before switching on for the first time:

- Fix the supplied warning sign or one with the following wording permanently to the wall close to the tanning unit:

<div style="background-color:yellow;">

Warning!

- UV-radiation can cause eye and skin damage as well as skin aging and possibly skin cancer. Ask the studio staff for further information.
- Wear protective goggles.
- Certain medicines or cosmetics can increase the sensitivity of the skin to UV radiation. If in doubt, consult a physician.

</div>

- Determine the presettings for the device in the service menu.
- Check correct installation of fluorescent tubes. The tube labeling must be visible, otherwise no tanning effect may be obtained.
- Store these Operating Instructions in a place that allows for easy access at any time.

Operating modes

The three different operating modes are explained below:

STANDBY MODE

The unit is in an idle state, i.e. it is connected to the mains but is currently not being used. The tubes and the tanning lamps are switched off. From the standby mode, you can change over to the tanning mode or to the service mode.

TANNING MODE

The tubes and the tanning lamps are switched on and a tanning session is in progress. While the unit is in tanning mode, the settings for the ongoing tanning session can be changed via the control panel.

SERVICE MODE

In the service mode, the device is configured for the tanning mode. Various values can be displayed and test functions can be carried out.

FAN RUN-ON

After the tanning session, the fan runs on for 3 minutes in order to cool down the device. The fan power is automatically decreased as the tubes cool down.

Tanning instructions

As a rule, an averagely tanning skin has achieved a uniform tan after three to five tanning sessions. These sessions should take place every second day. To preserve the suntan achieved, one or two tanning sessions per week are normally sufficient.

Instructions for the user

Observe the following tanning instructions:

NO SUNSCREEN WITH PROTECTION FACTOR

Sunscreens with sun protection factors are unsuitable for use in a tanning salon. For tanning, the skin should have been thoroughly cleaned and be dry. For optimum skin care, we recommend using our line of body-care products after tanning.

GENERAL

- Any person that complies with the requirements laid down in the chapter "Intended use" may use the device.

- The different skin types tolerate the sun and hence tanning times to a different degree. Please observe the specifications in the skin-type table (supplied with the unit) and the tanning times. After having reached the ultimate tan, further tanning can only be achieved by substantially exceeding the allowed tanning times. This must absolutely be avoided.

- The UV radiation of the sun or of UV appliances can cause damage to the skin or to the eyes. These biological effects depend on the type and amount of radiation as well as on the individual sensitivity of the skin.

- After excessive exposure to radiation, the skin may exhibit sunburn. Excessively repeated exposure to UV radiation of sunlight or UV appliances can result in premature ageing of the skin and in a higher risk of skin cancer.

- The unprotected eye can suffer from surface inflammation, and in certain cases, e.g. after a cataract operation, excessive radiation can damage the retina. After many repeated sessions, a cataract may form.

- No exposure to UV radiation if medicine is taken that increases the sensitivity to ultraviolet radiation. If in doubt, seek medical advice.

- It cannot generally be assumed that the use of a solarium reduces the risk of getting sunburn.

- Seek medical advice if persistent swellings or sores develop on the skin or if pigmented moles change in appearance.

- Only use radiation appliances of UV type 4 after consulting a doctor.

FOR EACH TANNING SESSION

- Always wear the supplied protective goggles.

- Remove cosmetics before the session and do not use any sunscreen.

- Allow for at least 48 hours to pass between sessions.

- After a tanning session in a studio, do not take another sunbath out of doors on the same day.

Exposure schedule

For the precise definition of the skin types, please refer to the supplied skin-type table.

If the tanning-session sequence is interrupted for 4 weeks or more, you will have to start with the first session again.

The times mentioned in the tanning schedules are only valid for tubes and facial tanners that are replaced according to the maintenance intervals.

KBL 6800 ALPHA - ELECTRONIC POWER (UP) *

	SKIN TYPE			
	II	III	IV	V
Week 1 1st - 3rd Session	2 min	2 min	2 min	2 min
Week 2 4th - 6th Session	4 min	4 min	4 min	5 min
Week 3 7th - 9rd Session	6 min	6 min	7 min	7 min
Subsequent Weekly Session	7 min	8 min	9 min	10 min
Maximum exposure is 10 minutes!				

KBL 6800 ALPHA - SMART TECHNOLOGY *

	SKIN TYPE			
	II	III	IV	V
Week 1 1st - 3rd Session	2 min	2 min	2 min	2 min
Week 2 4th - 6th Session	4 min	4 min	4 min	5 min
Week 3 7th - 9rd Session	6 min	6 min	7 min	7 min
Subsequent Weekly Session	7 min	8 min	9 min	10 min
Maximum exposure is 10 minutes!				

*   For tube set, see table "Technical data".

Tanning mode

⚠ DANGER
Excessive dose of UV radiation
Excessively prolonged tanning sessions may cause severe damage to skin and eyes.
• Never operate the solarium with a defective timer.
• Observe the tanning times given in the tanning schedule.

There is a preSelection control panel in the middle of the front part of the canopy.

Depending on the configuration of the sunbed, up to seven control buttons are available for you to make your choice.

Your choice remains stored for 3 minutes.
If you do not start your tanning session within this time, the system is reset to the default values defined in the service menu.

The following explanations and functions refer to a tanning system that is fully equipped with all features.

preSelection

Before starting your tanning session, the preSelection feature allows you to choose certain tanning options in advance.
Simply select your preferences and enjoy your tanning session from the very beginning.

BASIC	MEDIT.	CARIBIC	MP3 int.	MP3 ext.	STUDIO	VOICE	AIRCON	AROMA	AQUA

The preSelection options are divided into three differently coloured groups.

RED
Preselection of the tanning level

BLUE
Preselection of the audio source

GREEN
Preselection of other features
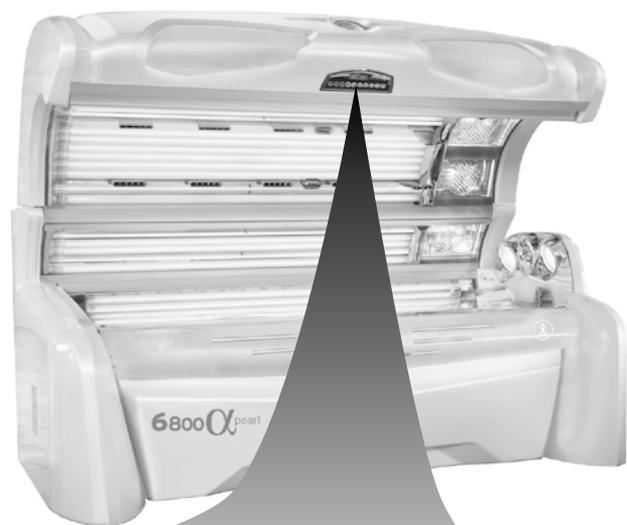
preSelection menu

BASIC · **MEDIT.** · **CARIBIC** · **MP3 int.** · **MP3 ext.** · **STUDIO** · **VOICE** · **AIRCON** · **AROMA** · **AQUA**

Preselecting the tanning level

Optimum tanning conditions suited to meet the requirements of individually different pre-tan levels are achieved by specifically adapting the UV spectrum.

Use the three buttons BASIC, MEDIT. and CARIBIC to choose the setting that matches your individual level of skin pigmentation.

The option of preselecting the tanning level is only available with IntelliSun!

BASIC

Equal proportions of UV-A and UV-B produce a balanced tanning effect.

MEDITERRANEAN

A higher proportion of UV-A results in faster tanning.

CARIBIC

A higher proportion of UV-B helps the user achieve a more intense tan.

Preselecting the audio source

You can preselect one out of three different audio sources.

During the tanning session, you can change the audio source at any time via the interior display.

MP3 INTERNAL

You will listen to the tracks played by the internal MP3 player of the sunbed during the tanning session.

MP3 EXTERNAL

You can plug in your own player into the line-in headphone jack at the head end of the sunbed.

STUDIO MUSIC

You will listen to the music that is externally provided by the studio operator.

Preselecting other features

This group provides you with further features to choose from. Each of the features can be activated or deactivated by pressing the corresponding touch button.

MEGAVOICE

Switches the voice guidance on or off.

AIR CONDITIONING

Switches the air-conditioning unit on or off.

AROMA

Switches the Aroma function on or off.

AQUACOOL

Switches the AquaCool function on or off.

Status of the symbols (example)

AQUA	Active options shine brightly.
AQUA	Inactive options are dimmed.
AQUA	If the option is not available, or has not been activated in the service menu, the field remains black.

NOTES:

- During the fan run-on, the preSelection menu is blocked.

- The default settings of the preSelection menu can be determined in the service menu.

Starting the tanning session

The tanning session will commence automatically after the warm-up time controlled by the timer has elapsed. During the warm-up time, the tanning session can be started manually at any time by pressing the START button.

Operation during the tanning session

You can control the functions of the sunbed via the interior display during the tanning session. It is particularly easy for you to access the basic functions.

Additionally, you can also change the preSelection settings by using the interior display.

Buttons with recesses that can easily be sensed allow for easy operation of the system even with your eyes closed.

NOTES:

20 seconds after your last input, the display changes over to the indication of the tanning time.

An information line at the bottom edge of the display informs you about currently selected features.

ARROW BUTTONS

• Select the preSelection functions.

+/– BUTTONS

• Control the functions.

Position
Recessed button

STOP

05:23

START

STOP BUTTON

• Stops the tanning session if pressed for at least two seconds.

DISPLAY

• Shows the menu items and functions.

• Indicates the tanning time.

• Information line

START BUTTON

• Starts the tanning session during the warm-up time

• as well as after an interruption caused by pressing the STOP button, provided that the booked tanning time has not elapsed yet.

During the tanning session, you need quick access to basic functions such as volume control, body fan and facial tanners.

You should also be in a position to change your preselected settings.

The control panel caters for both requirements. You have

- direct access to frequently needed functions via the "Basic functions" section, and

- access to the presettings you made via the preSelection menu (display according to the rotation principle).

Basic functions section

Variable section of the control panel (preSelection functions)

Basic functions

max/on

min/off

Volume

Facial tanner

I

Keep pressed for 2 seconds

Remark on facial tanner operation:
For safety reasons, the facial tanner, once switched off, cannot be switched on again before three minutes have elapsed.

If you try to activate the facial tanner during this time, your command will be stored, and the tanner will be switched on automatically after a delay, i.e. after the blocking time has elapsed.

Body fan
The body fan is automatically controlled by ACS. As soon as you press one of the fan buttons, the automatic mode is interrupted.

Keep pressed for 2 seconds

Variable section of the control panel

During the tanning session, you continue to have access to the settings you have made via the "preSelection" function. If you wish to make any changes to your choice, you can do so in the variable section of the control panel. By pressing one of the arrow buttons ▲ ▼, above or below the changeover symbol, all available functions will be displayed one after the other according to the rotation principle.

You can switch these individual functions on or off and, if possible, make changes to the settings.

Variable section of the control panel (preSelection)

Prerequisite:
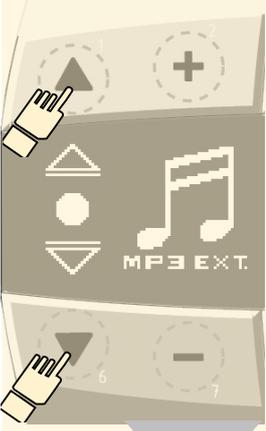
The functions must be available and activated in the service menu.

Selectable function symbols (for a fully equipped unit)

MP3-int. Studio MP3-ext. USB AquaCool Aroma megaVoice Air-con.

+ on

Air-conditioning

After the air-conditioning system has been switched off, it cannot be restarted for three minutes for safety reasons. If the system is switched on during this time, the command will be stored. The air-conditioning system will be switched on automatically after a delay, i.e. after the blocking time has elapsed. If the condensate canister is full, the following symbol flashes on the display:

See also the chapter "Maintenance/ Air-conditioning system".

Aquacool

An ongoing spraying process cannot be stopped. If the aquaCool supply is running low, a corresponding message is displayed in the standby mode. After the message has appeared for the first time, the aquaCool supply will last for approximately another 2.5 hours of operation. If the system has run out of aquaCool liquid, the aquaCool function is deactivated automatically, and the symbol shown below is displayed.

aquaCool is automatically reactivated as soon as a full canister has been connected.

Aroma   megaVoice

− off

AUDIO FUNCTIONS

There is a maximum of four audio sources available at the user's disposal. If you change over to another source, you must activate it first. The activation is effected by pressing the $\oplus$ or the $\ominus$ button (with the exception of USB audio). All inactive audio functions are marked with "OFF" on the display so that you can easily recognise the active audio source.

MODEL: ACTIVATING AUDIO FUNCTIONS
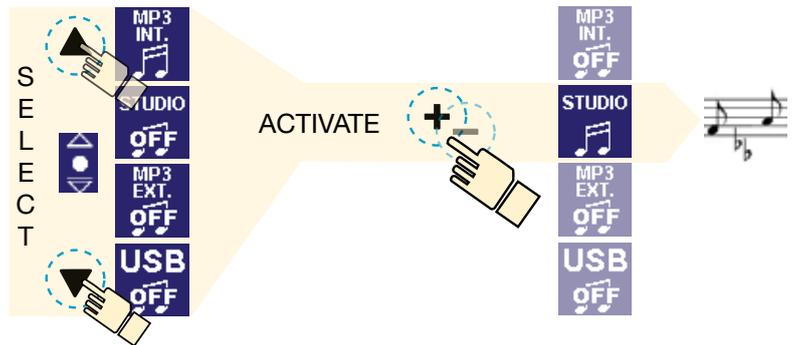
Variable section of the control panel (audio functions)

Channel

Studio

This function is used to play the studio music.

If the Studio function has been activated, you can press the plus and minus buttons to browse through the channels, provided that more than one channel is available.

Channel

MP3 external (AUX)

The right-hand side of the sundbed's head end is equipped with a cable with a 3.5 mm jack plug so that you can make use of external players, such as MP3 players, iPods, etc. In this way, you can connect the headphone jack of your player to the tanning system. Use the corresponding operating elements of the external player in order to select the desired tracks. With the "MP3 external" control element you have also access to a Bluetooth connected device.

Tracks

MP3 internal

This function is used to play the tracks of the internal MP3 player of the tanning unit, the respective first title being selected by a random generator.

If the MP3 internal function has been activated, press the plus and minus buttons to browse through the individual tracks.

USB-Audio

USB is automatically activated as soon as a storage medium is connected to the USB port. This USB port is located above the exterior display (see overview on page 7).

If you change the audio source later on, please note that you must re-activate USB before you can use it again. While USB is active, use the plus and minus buttons to select individual tracks. With a USB stick connected, all other audio symbols of the preSelection menu are inactive.

Tracks

Standby mode / service mode

While the tanning unit is in standby mode, you can switch the decorative lighting of the sunbed on and off and trigger an aquaCool spraying test (1 spraying cycle).

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

Layout of the display numbers

The buttons of the interior display 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 display.
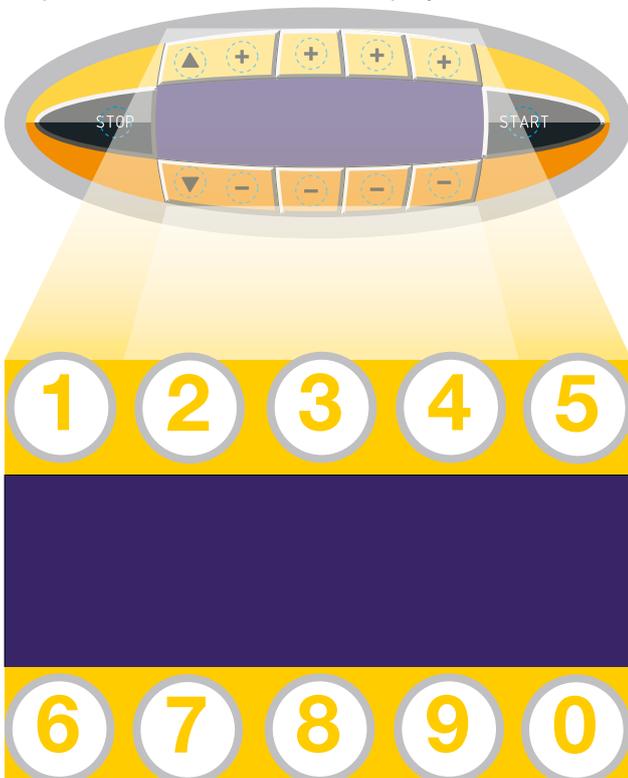
Switching the decorative lighting on and off

➡ (5) (0) (5)

NOTE

The connection times of the decorative lighting can be set in the service menu individually for each day of the week.

There are two independent connection periods (A and B) available for each day of the week.

aquaCool spraying test

➡ (4) (9) (4)

Invoking the service menu

➡ (1) (6) (1) (0) (0) (0) (0)
PIN

NOTE

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

Service menu - Basics

In standby mode, the service level is accessed by entering "161", followed by PIN "0000". There is one additional condition that must be fulfilled:

• No incoming signal from the coin-box system.

SERVICE MENU - STANDARD OPERATING ELEMENTS

After having entered the service PIN, the service menu is at your disposal. Navigation is made via the following buttons (see also chapter: Layout of the display 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.
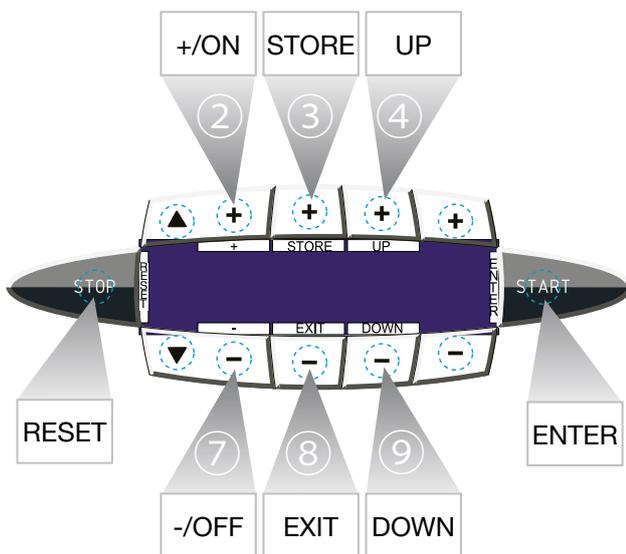
SERVICE MENU - BASIC OPERATION

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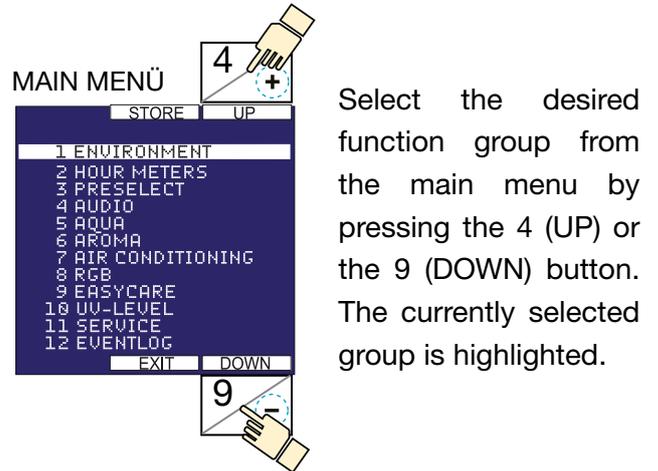
Select the desired function group from the main menu by pressing the 4 (UP) or the 9 (DOWN) button. The currently selected group is highlighted.

• Press the START/ENTER button to access the desired group menu.
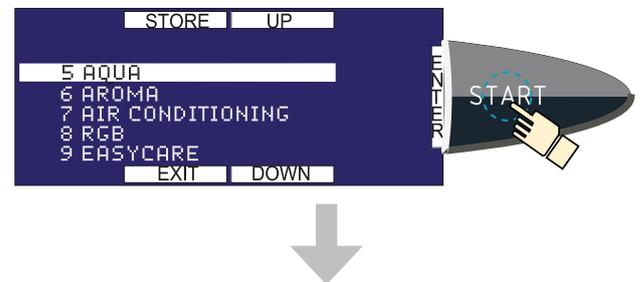
• The currently active function (circle) is displayed in the centre line on the left-hand side. You can invoke further functions of this group by pressing 4 (UP) or 9 (DOWN).
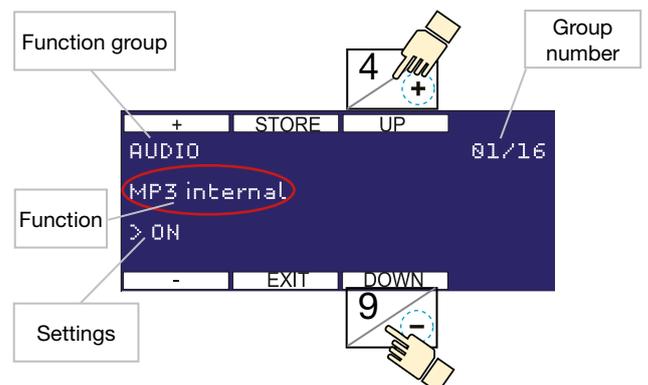
CHANGE SETTINGS

- 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 (-).

Example: **Changing a value**

```
    +      STORE    UP
ENVIRONMENT          05/05
Maximum tanning time
> 15min
    -      EXIT     DOWN
```

+1min
-1min

Example: **Selecting an option**

```
    +      STORE    UP
ENVIRONMENT          01/05
Language
> English
    -      EXIT     DOWN
```

> German
> English

Example: **Switching a function on/off**

```
    +      STORE    UP
AUDIO                01/16
MP3 internal
> ON
    -      EXIT     DOWN
```

> ON
> OFF
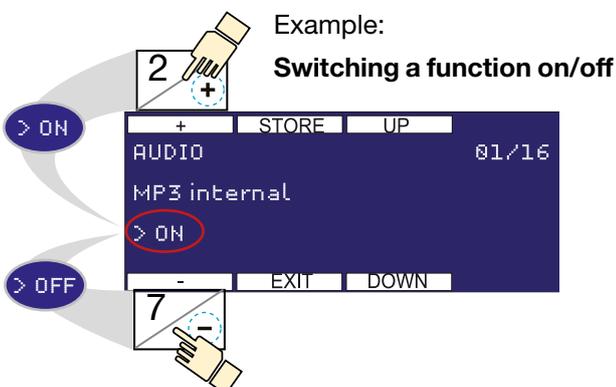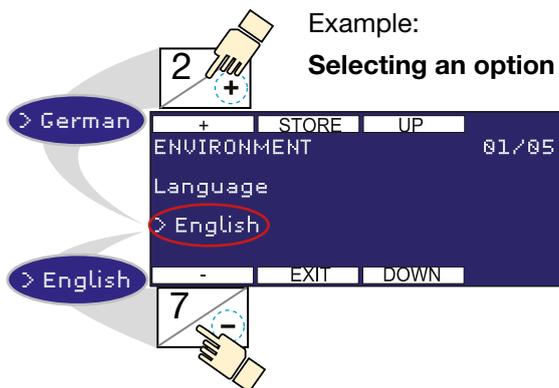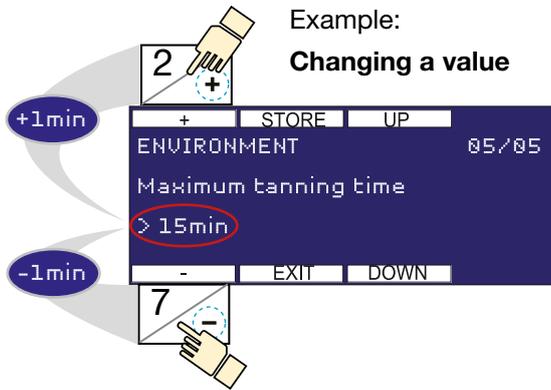
STORE & EXIT

- 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.


```
    +      STORE    UP
AUDIO                01/16
MP3 internal
> OFF
    -      EXIT     DOWN
```
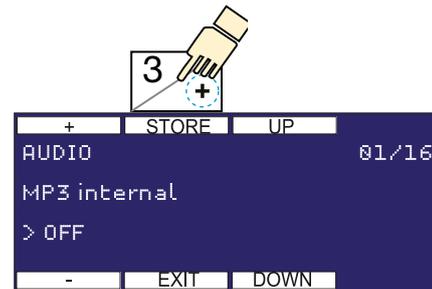
- By pressing 8 (EXIT), you go back to the previous menu level, or you exit the service menu.


```
    +      STORE    UP
AUDIO                01/16
MP3 internal
> OFF
    -      EXIT     DOWN
```
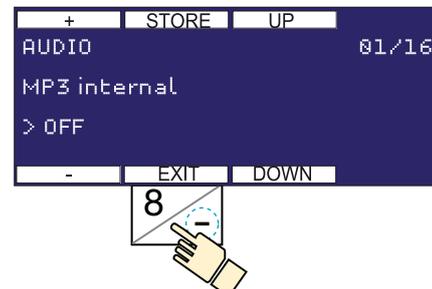
SERVICE MENU - TIMEOUT

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

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

HOUR METERS
- Operating hours overall ⑥
- Operating hours tubes ⑦
- Operating hours facial tanner ⑧
- Number of sunbaths ⑨

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

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

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

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

AIR CONDITIONING
- Air condition �51
- Start level body fan �52

RGB
- RGB mode �53

EASYCARE
- SETTINGS
  - easyCare mode only (EConly) �54
  - man. time config (T.Display) �55
  - easyCare tanning time �56
  - Adjust �57
  - Set value quicktest �58
  - Melanin min value �59
  - Melanin min runtime �60
- Sensor-check �61
- Volume �62

UV-LEVEL

SERVICE
- Load factory defaults �64
- Personal PIN �65
- BLUETOOTH
  - Name �66
  - Powerlevel �67
- FIRMWARE-TYP �68
- FIRMWARE-VERSIONS �69
- SOFTWARE UPLOAD �70
- RGB-Setup �71
- SERVICE MODE
  - Service mode without tanning �72
  - Service mode with tanning �73
- SOLARIUM IDENTIFICATION �74
- SOLARIUM X-CODE �75
- Reboot �76

EVENT LOG �77

Personal PIN

In delivery condition some menu items are protected by a factory PIN. Optionally, the factory PIN can be replaced by a "Personal PIN".

- You will receive the "Personal PIN" with the product documentation.
- The personal PIN may be activated or deactivated by selecting the "SERVICE/Personal PIN" setting in the service menu.

⚠️ Every software update deactivates the "Personal PIN".
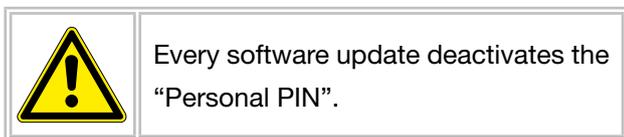
PERSONAL PIN "Personal PIN" secured menu items may be identified by the personal PIN logo as given in the service menu.

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.
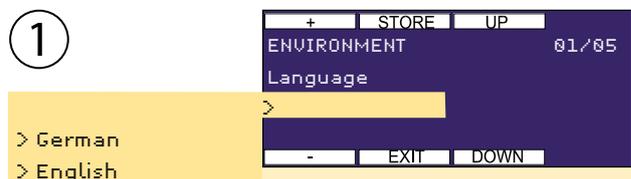
①
```
     +      STORE     UP
ENVIRONMENT          01/05
Language
>
> German
> English
     -      EXIT     DOWN
```
Sets the language of the menu.

Factory setting: German
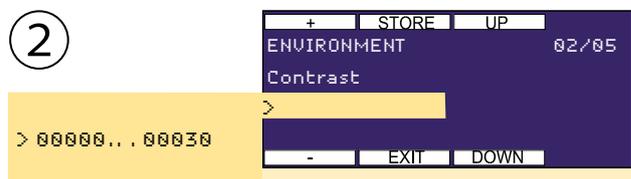
②
```
     +      STORE     UP
ENVIRONMENT          02/05
Contrast
>
> 00000...00030
     -      EXIT     DOWN
```
Sets the contrast of the display.

Factory setting: 00020

③

```
+        STORE    UP
ENVIRONMENT              03/05
TIME AND DATE
> press ENTER
-        EXIT     DOWN
```

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

SUBMENU
TIME & DATE

```
+        STORE    UP
ENVIRONMENT\TIME & DATE 01/02
Time
>
-        EXIT     DOWN
```

> 00:00 - 23:59

> XX XX XX

Select input fields
(start / set)

Set value

Store / Exit

Select time or date

```
+        STORE    UP
ENVIRONMENT\TIME & DATE 02/02
Date
>
-        EXIT     DOWN
```

> 19.08.08 Tu

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

fs

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	B
Monday - Sunday	A-ON	B-ON
	A-OFF	B-OFF

Day	Switching cycles	
	A	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

Friday

Switching cycle A		Switching cycle B	
A ON 08:30	A OFF 12:00	B ON 14:30	B OFF 22:00

④ fs

```
+      STORE    UP
ENVIRONMENT          04/05
TIMER DEKOLIGHT
> press ENTER

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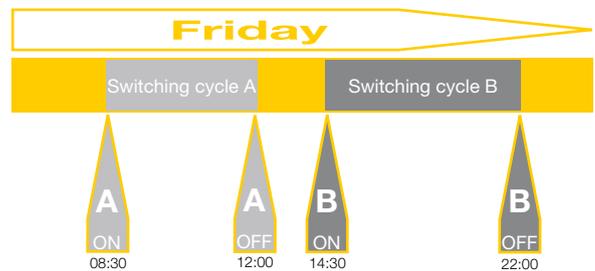
Entering switching times for the decorative lighting. The submenu is invoked by pressing START (ENTER).

SUBMENU
TIMER DECOLIGTH

SELECT WEEK OR DAY OF THE WEEK

```
+      STORE    UP
ENVIRONMENT\TIMER    01/08
>
> press ENTER

-      EXIT    DOWN
```

> Monday – Sunday

ENTER SWITCHING TIME

```
+      STORE    UP
ENVIRONMENT\TIMER    01/04
>

-      EXIT    DOWN
```

> (Day) AON
> (Day) AOFF
> (Day) BON
> (Day) BOFF

SET SWITCHING CYCLES

```
+      STORE    UP
ENVIRONMENT\TIMER0   1/04
Monday AON

-      EXIT    DOWN
```

> 00:00 – 23:59

> XX : XX

+/- Set the time

Select input fields

- Save settings by pressing STORE!

⑤ PERSONAL PIN

```
+      STORE    UP
ENVIRONMENT          05/05
Maximum tanning time
>

-      EXIT    DOWN
```

> 5min .. . 45min

Sets the maximum tanning time for all timers. In the easyCare operating mode, the setting has been fixed to 30 minutes.
Factory setting: 44 minutes

⑥

```
+      STORE    UP
HOUR METERS         01/04
Operating hours overall
> 0788h

-      EXIT    DOWN
```

Displays the total operating hours.

⑦

```
+      STORE    UP
HOUR METERS         02/04
Operating hours tubes
>

-      EXIT    DOWN
```
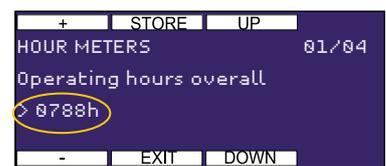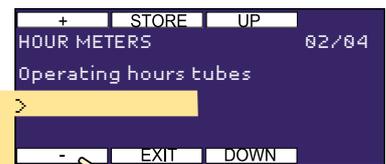
> 0183h

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

```
+      STORE    UP
HOUR METERS         03/04
Operating hours facial tanner
>

-      EXIT    DOWN
```
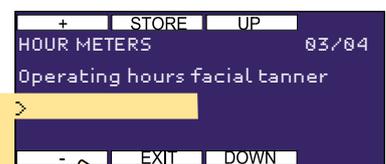
> 0156h

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)

```
+      STORE    UP
HOUR METERS           04/04
Number of sunbaths
> 0000 Reset: press `-` for 2s
-      EXIT     DOWN
```

2 sec. = reset

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 "preSelection" functions. The functions must be available and activated in this service menu ⑯/⑰/⑲/㊳/㊹/㊿.

(10)

```
+      STORE    UP
PRESELECTION          01/06
UV-Typ
> Caribic     >
> Medit.
> Basic       -      EXIT     DOWN
```
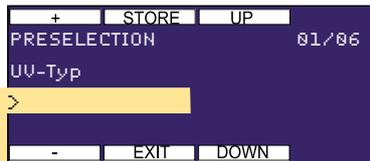
Determines the initial setting of the "preSelection" tanning level. Only available with intelliSun!

Factory setting: Basic

(11)

```
+      STORE    UP
PRESELECTION          02/06
Audio
> Studio Line-In  >
> MP3-internal
> MP3-external    -   EXIT     DOWN
```

Determines the "preSelection" setting of the audio source.

Factory setting: MP3-internal

(12)

```
+      STORE    UP
PRESELECTION          03/06
Voice (megaVoice)
> on          >
> off         -      EXIT     DOWN
```
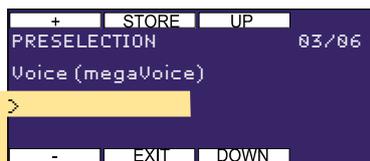
Specifies the "preSelection" setting of the voice-guidance system.

Factory setting: on

(13)

```
+      STORE    UP
PRESELECTION          04/06
Aircon (Aircondition)
> on          >
> off         -      EXIT     DOWN
```

Fixes the "preSelection" setting of the air-conditioning system.

Factory setting: on

(14)

```
+      STORE    UP
PRESELECTION          05/06
Aroma
> on          >
> off         -      EXIT     DOWN
```
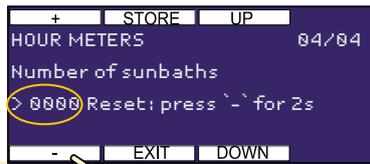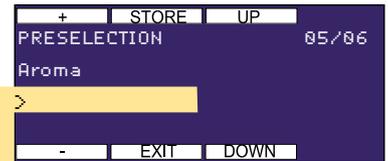
Defines the "preSelection" setting of Aroma.

Factory setting: on

(15)

```
+      STORE    UP
PRESELECTION          06/06
Aqua (aquaCool)
> on          >
> off         -      EXIT     DOWN
```
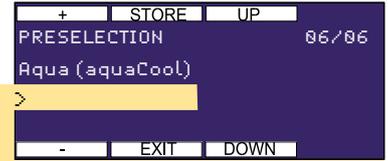
Specifies the "preSelection" setting of aquaCool.

Factory setting: on

(16)

```
+      STORE    UP
AUDIO                 01/22
Mp3-internal
> on          >
> off         -      EXIT     DOWN
```
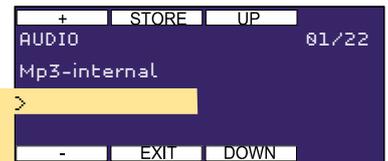
Activates and deactivates the internal MP3 player.

Factory setting: off

(17)

```
+      STORE    UP
AUDIO                 02/22
megaVoice
> on          >
> off         -      EXIT     DOWN
```

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

Factory setting: on

(18)

```
+      STORE    UP
AUDIO              03/22
megaVoice language
>
>
        -      EXIT    DOWN
```

> 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 easyCare)

Factory setting: Depending on the operator country

(19)

```
+      STORE    UP
AUDIO              04/22
Studio Line-In
>
        -      EXIT    DOWN
```

> on
> off

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

Factory setting: on

(20)

```
+      STORE    UP
AUDIO              05/22
usb MP3
>
        -      EXIT    DOWN
```

> on
> off

Activates and deactivates the USB interface (canopy, above the outer display).

Factory setting: on

(21)

```
+      STORE    UP
AUDIO              06/22
MP3 (Line-In)
>
        -      EXIT    DOWN
```

> 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)

```
+      STORE    UP
AUDIO              07/22
Studio channel selection
>
        -      EXIT    DOWN
```

> 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)

```
+      STORE    UP
AUDIO              08/22
Number of studio channels
>
        -      EXIT    DOWN
```

> 2
> 4
> 8

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

Factory setting: 4

(24)

```
+      STORE    UP
AUDIO              09/22
Music nonstop
>
        -      EXIT    DOWN
```

> on
> off

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

Factory setting: off

(25)

```
+      STORE    UP
AUDIO              10/22
Nonstop music source
>
        -      EXIT    DOWN
```

> MP3-internal
> Studio Line-In

Allows for choosing the permanent audio source for the "Music nonstop" function".

Factory setting: MP3-internal

26

```
         +      STORE      UP
AUDIO                   11/22
Default volume tanning
>
         -      EXIT      DOWN
```

> 0 ... 9

Sets the volume for the tanning mode.

Factory setting: 6

27

```
         +      STORE      UP
AUDIO                   12/22
Default volume standby
>
         -      EXIT      DOWN
```

> 0 ... 9

Sets the volume for the standby mode.

Factory setting: 3

28

```
         +      STORE      UP
AUDIO                   13/22
Maximum adjustable volume
>
         -      EXIT      DOWN
```

> 5 ... 9

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

Factory setting: 9

29

```
         +      STORE      UP
AUDIO                   14/22
megaVoice volume adaption
>
         -      EXIT      DOWN
```

> -09 ... +09 dB

Here you can adapt the volume of megaVoice.

Factory setting: -07 dB

30

```
         +      STORE      UP
AUDIO                   15/22
Dynamic volume adaption
>
         -      EXIT      DOWN
```

> on
> off

Dynamic volume adaption on-/off.

Factory setting: on

31

```
         +      STORE      UP
AUDIO                   16/22
Treble MP3 - USB
>
         -      EXIT      DOWN
```

> -14 ... +14 dB

Sets the treble for MP3 - USB operation.

Factory setting: +14 dB

32

```
         +      STORE      UP
AUDIO                   17/22
High-bass MP3 - USB
>
         -      EXIT      DOWN
```

> -14 ... +14 dB

Sets the high-bass for MP3 - USB operation.

Factory setting: +08 dB

33

```
         +      STORE      UP
AUDIO                   18/22
Low-bass MP3-USB
>
         -      EXIT      DOWN
```

> -14 ... +14 dB

Sets the low-bass for MP3 - USB operation.

Factory setting: +08 dB

34

```
         +      STORE      UP
AUDIO                   19/22
Volume adaption Studio Line-In
>
         -      EXIT      DOWN
```

> -29 ... +29 dB

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

Factory setting: +00 dB

35

```
         +      STORE      UP
AUDIO                   20/22
Treble Studio Line-in
>
         -      EXIT      DOWN
```

> -14 ... +14 dB

Sets the treble for studio music operation.

Factory setting: +14 dB

36

```
        +        STORE      UP
AUDIO                      21/22
High-bass Studio Line-in
>
        -        EXIT      DOWN
```

> -14...+14 dB

Sets the high-bass for studio music operation.

Factory setting: +08 dB

37

```
        +        STORE      UP
AUDIO                      22/22
Low-bass Studio Line-in
>
        -        EXIT      DOWN
```

> -14...+14 dB

Sets the low-bass for studio music operation.

Factory setting: +14 dB

38

```
        +        STORE      UP
AQUA                       01/06
aquaCool
>
        -        EXIT      DOWN
```

> on
> off

Activates and deactivates the aquaCool function.

Factory setting: off

39

```
        +        STORE      UP
AQUA                       02/06
aquaCool spray time
>
        -        EXIT      DOWN
```

> 2...6 (sec)

Determines the duration of the aquaCool spraying time.

Factory setting: 6

40

```
        +        STORE      UP
AQUA                       03/06
Cycle time
>
        -        EXIT      DOWN
```

> 1...5 (min)
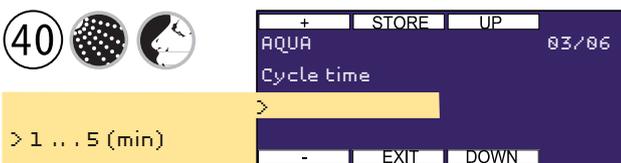
Defines the aquaCool and aroma cycle time (spraying time + spraying interval).

Factory setting: 1

41

```
        +        STORE      UP
AQUA                       04/06
aquaCool start testcycle
> Start: press `+` for 2s
        -        EXIT      DOWN
```

Starts the aquaCool test (1 cycle).

42

```
        +        STORE      UP
AQUA                       05/06
aquaCool endurance test
>
        -        EXIT      DOWN
```
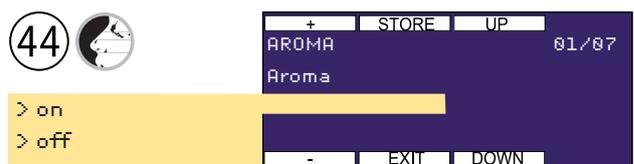
> on
> off

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

```
        +        STORE      UP
AQUA                       06/06
aquaCool initialization
> Start: press `+` for 2s
        -        EXIT      DOWN
```
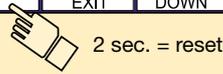
Starts the aquaCool initialization process. A spraying cycle of 90 seconds is started to bleed the system before commissioning, after a repair operation or after a canister replacement.

44

```
        +        STORE      UP
AROMA                      01/07
Aroma
>
        -        EXIT      DOWN
```

> on
> off

Activates and deactivates the aroma function.

Factory setting: off

45

```
+        STORE    UP
AROMA              02/07
Aromastatus reset
> Reset: press `-` for 2s

-        EXIT    DOWN
```

2 sec. = reset

Reset -> after having exchanged the Aroma tin.

46

```
+        STORE    UP
AROMA              03/07
Cycle time
>

-        EXIT    DOWN
```
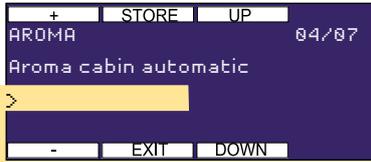
> 1 ... 5 (min)
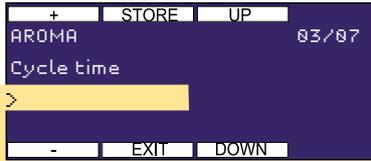
Defines the aroma cycle time (spraying time + spraying interval). Only active in systems without aquaCool or disabled aquaCool.
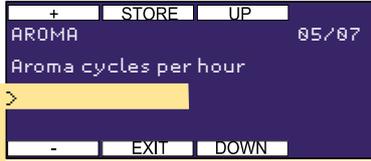
Factory setting: 1

47

```
+        STORE    UP
AROMA              04/07
Aroma cabin automatic
>

-        EXIT    DOWN
```

> 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

```
+        STORE    UP
AROMA              05/07
Aroma cycles per hour
>

-        EXIT    DOWN
```

> 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.
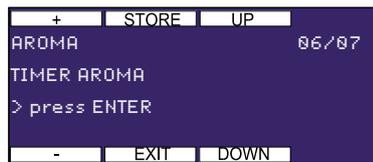
NOTE - SWITCHING CYCLES

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

Week	Switching cycle
Monday - Sunday	ON
	OFF

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

Friday

Swichung cycle

ON
08:30

OFF
20:00

49

```
+        STORE   UP
AROMA              06/07
TIMER AROMA
> press ENTER
-        EXIT    DOWN
```

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

```
+        STORE   UP
AROMA\TIMER AROMA  01/08
>
> PRESS ENTER
-        EXIT    DOWN
```

> Monday - Sunday

ENTER SWITCHING TIME

```
+        STORE   UP
AROMA\TIMER AROMA  02/02
> Monday: OFF
-        EXIT    DOWN
```

> (Day) ON
> (Day) OFF

SET SWITCHING CYCLES

```
+        STORE   UP
AROMA\TIMER AROMA  02/02
Monday: OFF
>
-        EXIT    DOWN
```

> 00:00 - 23:59
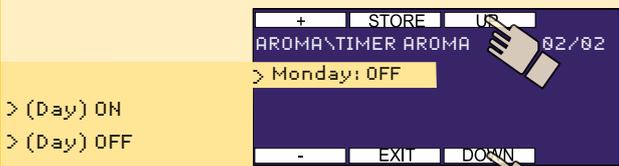
> XX : XX

+/- Set the time

Select input fields (start / set)

• Save settings by pressing STORE!

50

```
+        STORE   UP
AROMA              07/07
Aroma start testcycle
> Start: press `+` for 2s
-        EXIT    DOWN
```

Starts the Aroma test (1 cycle).

51

```
+        STORE   UP
AIR CONDITIONING   01/02
Aircon (air conditioning)
>
-        EXIT    DOWN
```

> on
> off
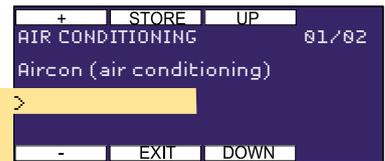
Switches the air-conditioning unit on and off.
Factory setting: on

52

```
+        STORE   UP
AIR CONDITIONING   02/02
Start level body fan
>
-        EXIT    DOWN
```

> 1 ... 9
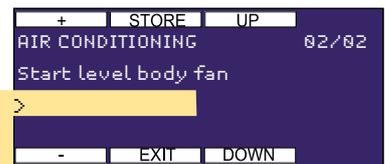
Specifies the "start speed" setting of the body fan at the beginning of the tanning.

Factory setting: 2

53

```
+        STORE   UP
RGB                01/01
RGB mode
>
-        EXIT    DOWN
```
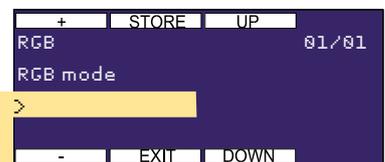
Not available in this system.

The easyCare menu item is only available with CPI Energy and intelliSun sunbeds that are connected to an easyCare system.

PERSONAL PIN

```
    +    STORE    UP
EASYCARE              01/03
SETTINGS
> press ENTER
    -    EXIT    DOWN
```

Submenu SETTINGS.
Invoked by pressing START (ENTER).

SUBMENU
EASYCARE SETTINGS

easyCare mode only (EConly) 54
man. time config (T.Display) 55
easyCare tanning time 56
Adjust 57
Set value quicktest 58
Melanin min value 59
Melanin min runtime 60

54
```
    +    STORE    UP
EASYCARE\SETTINGS     01/07
easyCare mode only (eonly)
>
    -    EXIT    DOWN
```
> on-US
> on
> off

If this function is active, the tanning session is strictly carried out on the basis of the values determined by the easyCare system. The adjustment „on-US" is required for operation in the United States.

Factory setting: Depending on the operator country

55
```
    +    STORE    UP
EASYCARE\SETTINGS     02/07
man. time config (TDispl.)
>
    -    EXIT    DOWN
```
> on
> off

If this function is active, the tanning time can be entered at the easyCare unit. The tanning power will be adapted automatically.

Factory setting: off

56
```
    +    STORE    UP
EASYCARE\SETTINGS     03/07
easyCare tanning time
>
    -    EXIT    DOWN
```
> 8min ... 20min

Allows for preselecting the tanning time. The tanning power will be adapted automatically.

Factory setting: 20 min

57
```
    +    STORE    UP
EASYCARE\SETTINGS     04/07
Adjust
>
    -    EXIT    DOWN
```
> 1 ... 7

These settings must only be made by trained service personnel!
The default setting „1" must not be changed.

58
```
    +    STORE    UP
EASYCARE\SETTINGS     05/07
Set value quicktest
>
    -    EXIT    DOWN
```
> 150...300

These settings must only be made by trained service personnel!

Factory setting: 244

59
```
    +    STORE    UP
EASYCARE\SETTINGS     06/07
Melanin min value
>
    -    EXIT    DOWN
```
> 0...400

These settings must only be made by trained service personnel!

Factory setting: Depending on the operator country

60

```
    +    STORE   UP
EASYCARE\SETTINGS    07/07
Melanin min runtime
>
    -    EXIT    DOWN
```

> 1...20

⚠️ These settings must only be made by trained service personnel!

Factory setting: Depending on the operator country

61

```
    +    STORE   UP
EASYCARE             02/03
Sensor-Check
> 00000
    -    EXIT    DOWN
```
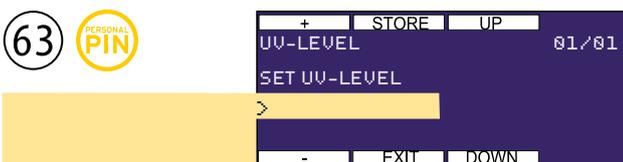
Displays the current values during a melanin measurement.

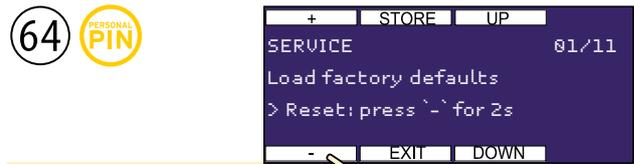This function is intended for sensor diagnosis to be performed by qualified service staff!

62

```
    +    STORE   UP
EASYCARE             03/03
Volume
>
    -    EXIT    DOWN
```

> 0 ...9

Sets the volume of the easyCare voice-guidance system.
Factory setting: 4

---

63 PERSONAL PIN

```
    +    STORE   UP
UV-LEVEL             01/01
SET UV-LEVEL
>
    -    EXIT    DOWN
```

⚠️ These settings must only be made by trained service personnel!

---

64 PERSONAL PIN

```
    +    STORE   UP
SERVICE              01/11
Load factory defaults
> Reset: press `-` for 2s
    -    EXIT    DOWN
```

Loads the factory (default) settings.

---

65 PERSONAL PIN

```
    +    STORE   UP
SERVICE              02/11
PERSONAL PIN
> press ENTER
    -    EXIT    DOWN
```

Submenu call
with START/ENTER.

SUBMENU

PERSONAL PIN

```
    +    STORE   UP
SERVICE\PERSONAL PIN    01/01
ENTER SOLARIUM PERSONAL PIN
> PIN:
    -    EXIT    DOWN
```

PERSONAL PIN activate / deactivate
Enter your personal PIN.

PERSONAL PIN

```
    +    STORE   UP
SERVICE              03/11
BLUETOOTH
> press ENTER
    -    EXIT    DOWN
```

Submenu BLUETOOTH.
Invoked by pressing
START (ENTER).

SUBMENU
BLUETOOTH

Name ⑥⑥
Powerlevel ⑥⑦

(66)

```
    +    STORE    UP
SERVICE/BLUETOOTH      01/02
Name:KBL Sound
>
    -    EXIT    DOWN
```
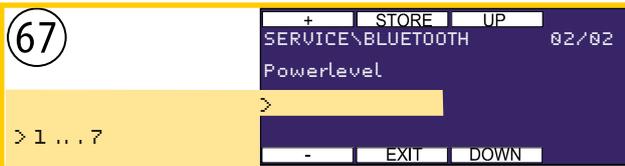
> 01 - 99

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

Factory setting: 01

(67)

```
    +    STORE    UP
SERVICE\BLUETOOTH      02/02
Powerlevel
>
    -    EXIT    DOWN
```

> 1 ... 7

Sets the transmission power for bluetooth.
Factory setting: 1

(68)

```
    +    STORE    UP
SERVICE              04/11
FIRMWARE-TYP
> press enter
    -    EXIT    DOWN
```

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

(69)

```
    +    STORE    UP
SERVICE              05/11
FIRMWARE-VERSIONS
> press enter
    -    EXIT    DOWN
```

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.**

(70)

```
    +    STORE    UP
SERVICE              06/11
SOFTWARE UPLOAD
> press enter
    -    EXIT    DOWN
```

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

(71)

```
    +    STORE    UP
SERVICE              07/11
RGB-Setup
>
    -    EXIT    DOWN
```

Not available in this system.

PERSONAL PIN

```
    +    STORE    UP
SERVICE              08/11
SERVICE MODE
> press ENTER
    -    EXIT    DOWN
```
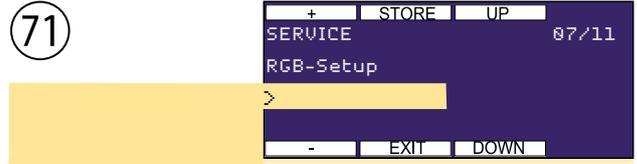
Submenu SERVICE MODE.
Invoked by pressing
START (ENTER).

SUBMENU
SERVICE MODE

Service mode without tanning ⑦②
Service mode with tanning ⑦③

(72)

```
    +    STORE    UP
SERVICE              01/02
Service mode without tanning
> Start: press `ENTER` for 2s
    -    EXIT    DOWN
```

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.

(73)

```
    +    STORE    UP
SERVICE              02/02
Service mode with tanning
> Start: press `ENTER` for 2s
    -    EXIT    DOWN
```

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.

74

```
+     STORE    UP
SERVICE              09/11
SOLARIUM IDENTIFICATION
> press enter
-      EXIT    DOWN
```

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

77

```
+     STORE    UP
EVENTLOG             01/01
>
-      EXIT    DOWN
```

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				

75 PERSONAL PIN

```
+     STORE    UP
SERVICE              10/11
SOLARIUM X-CODE
>
-      EXIT    DOWN
```

> PIN:

Branches to further configuration options.

⚠ These settings must only be made by trained service personnel!

76

```
+     STORE    UP
SERVICE              11/11
Reboot
> Reboot: press `-` for 2s
-      EXIT    DOWN
```

Performs a restart of the electronics.

⚠ **Attention**

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

Set decorative lighting

For remote control of the fourSeason color mode, you may use our colorMotion controller. Available only for devices with LED technology.

To control the fourSeason color mode of the device use the stylish colorMotion controller with its elegant colorWheel and its full touch panel. Change brightness, turn on and off the lighting, select static colors or select one of the automatic color change programs. This wireless control technology allowes remote control from various directions with just a finger touch.

Low power consumption and awakening

After 20 sec. without touching the controller will automatically enter the low power sleep mode. Touch any key to wake up the controller to normal use.

Match code function

In order to control several devices with one RF-controller press down the match code button on the LED controller and the "I" button at the RF-controller at the same time, wait for the LED lamp flashing several times, then move away from the two buttons. To cancel match, press down the match code button on the LED controller and the "O" button at the RF-controller at the same time, wait for the LED lamp flashing several times, then move away from the two buttons. To do this, the service mode must be activated in the service menu at the tanning device.

The LED controller is located in the tray of the electronic box.
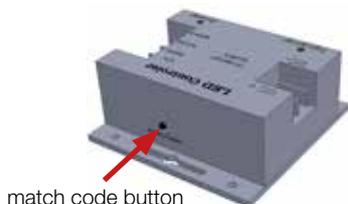
match code button

colorMotion controller

Decorative lighting
On / Off

Program selection switch

colorWheel

Brightness or frequency
increase / decrease
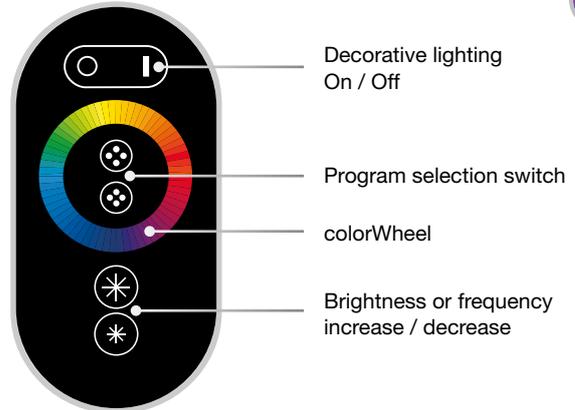
colorMotion controller - control elements

On / Off
Decorative lighting.
The selected setting automatically will be saved when the system is switched off.

Program selection switch

Program	Mode	Note
1	RED	
2	GREEN	
3	BLUE	
4	YELLOW	Intensity adjustable
5	PURPLE	
6	CYAN	
7	WHITE	
8	3 color - jump	
9	7 color - jump	
10	3 color - gradient	
11	3 color - smooth	
12	7 color - gradient	Frequency adjustable
13	7 color - smooth	
13	3 color - flicker	(Repetition rate)
15	7 color - flicker	
16	3 color - flash	
17	7 color - flash	
18	Auto play	

colorWheel
By touching the colorWheel the selected color switches on and additionally the program selection will be reset. At the next program selection, the program 1 (RED) will start.

Increases / decreases the intensity of the static colors (Program 1-7).
Increases / decreases the repetition rate (Program 8-18).

Maintenance and cleaning

Regular maintenance is required for the safe operation of the tanning unit and must be documented. Cleaning must be performed when required.

⚠️ DANGER
Live parts
Risk of fatal injury due to electric shock when touching live parts.
• **Disconnect from mains and secure against reconnection!**

🚫	• **USE ONLY ORIGINAL SPARE PARTS.**
	• Replace illuminants and filters only with ones which are characterized on the device.
	• Use only original KBL ballasts (art. no. 3200271131) for smart technology and CPI-Energy sunbeds.

Instructions for cleaning and care

GENERAL

• Before starting to clean the unit, take off any rings, bracelets, watches, etc. that you might be wearing in order to avoid scratching the surfaces.

• Cleaning fluid must not run into the appliance.

TUBES

• To preserve the tanning power, we recommend cleaning the tubes and UV lamps with warm water and a chamois after approx. 200 hours of operation.

ACRYLIC PANES, GRAB HANDLES AND DOOR HANDLES

• If possible, use the special cleaning and disinfectant agent "megaClean" supplied by KBL for cleaning the acrylic parts and handles, and dilute it in water at a ratio of 1:13.

VARNISHED AND PLASTIC PARTS

• Use a damp soapy cloth to clean the varnished and plastic surfaces.

• Do not clean the large plastic parts with a dry cloth. This might scratch the surfaces!

CHROMIUM-PLATED PARTS/MIRROR

• Only clean with a damp chamois and a cleaning agent for acrylic plastic (antistatic). Apply the cleaning agent onto the chamois and not directly onto the mirror surface.

CLEANING AGENTS

• The surfaces and the acrylic panes must not be cleaned with concentrated disinfectants or solvents or other liquids that contain alcohol!

Maintenance intervals

Component/ wearing part	Cleaning/care	Replacement
Condensate tank	If a corresponding message is displayed.	When required
Air filter	Depending on local conditions after approx. 100 operating hours	/
Tubes - Smart technology - CPI	After approx. 200 operating hours	Typical value after about 1100 operating hours. For further information see data sheet.
Tubes - Electronic Power	After approx. 200 operating hours	Typical value after about 800 operating hours. For further information see data sheet.
Facial tanners	When required	After approx. 500 - 600 hours
Acrylic pane (bed)	When required	After approx. 1500 hours
Acrylic panes (others)	When required	When required
aquaCool nozzles	When required	After approx. 1000 hours
Shoulder tanner	When required	After approx. 600 hours
Ropes of the canopy drive	Check and grease after 500 - 600 hours.	Replace all ropes after 3000 hours.
Air hoses	Check after 500 - 600 hours.	When required
Air-conditioning unit	Clean the heat exchangers after 500 - 600 hours and check the condensate pump.	When required

Tools and aids

	Hexagon socket screwdriver (SW 4 / 60 mm) Art. No.: 3410055263
	Standard Phillips screwdriver (PH2)
	Phillips screwdriver (PH2) 90° offset
	Hexagon socket spanner SW 4
	Pipe wrench SW 19
	Open-ended spanner SW 10
	Open-ended spanner SW 13
	Finally acknowledge a process by pressing the Start button (interior display).
	Number of required persons

The following chapters describe the work steps required for carrying out maintenance and care actions.

At the beginning of each chapter, the required tools and aids are depicted, unless the corresponding process can be carried out by one individual person without any further auxiliary equipment.

The assembly is basically carried out in reverse order of the disassembly.
Exceptions are especially pointed out.

If you open the bed part or one of the acrylic panes, you must, after closing, acknowledge a warning message appearing on the interior display.
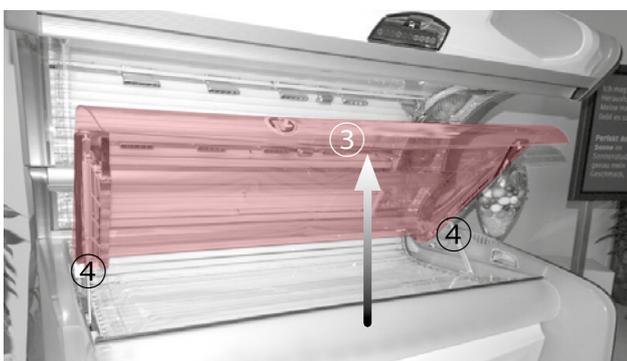
Unlocking the bed

👤	↵			

①	Press the bed slightly downwards and keep it pressed.
②	Open the lock.
⇨	Tilt up the bed.

Acrylic panes

TILTING UP THE BED PANE
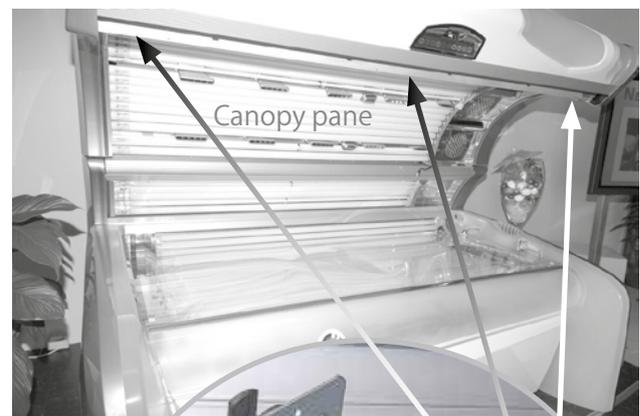
👤	↵			

③	Hold the bed pane in the middle of the front edge and lift it.
④	Lock it in place using the lateral support plates.

TILTING DOWN THE CANOPY PANE / SIDE PANE

4 🔧	👤	↵		

Attention!

Prevent the pane from falling down when opening it!.

- Open the middle pane lock at last Ⓑ.

Canopy pane

Open

Close

Side pane

| ⑤ | Open the 3 locking spigots by using the hexagon socket screwdriver supplied (3410055263). |
| ⇒ | Tilt the pane down. |

REMOVING THE CANOPY PANE

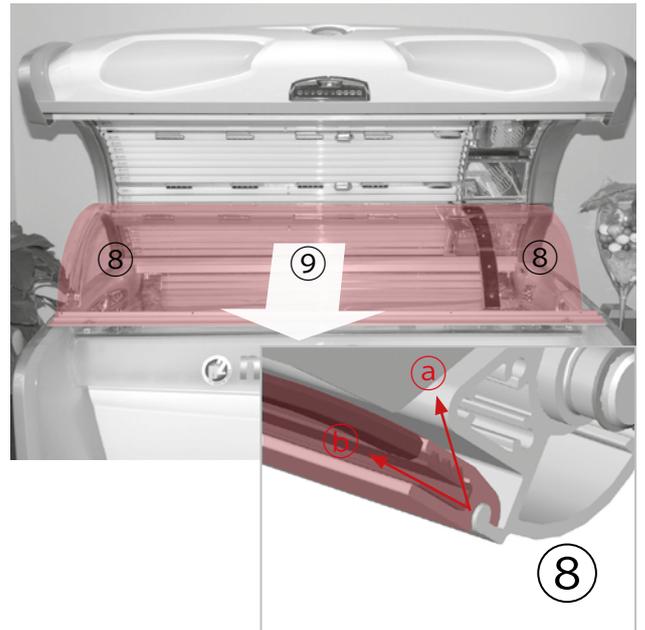| 4 ⎍ | ⊕ PH2 | 👥👥 | ↵ | |

It is not usually necessary to remove the canopy pane for maintenance and cleaning operations. Should you prefer to work with the canopy pane removed, though, please proceed as follows:
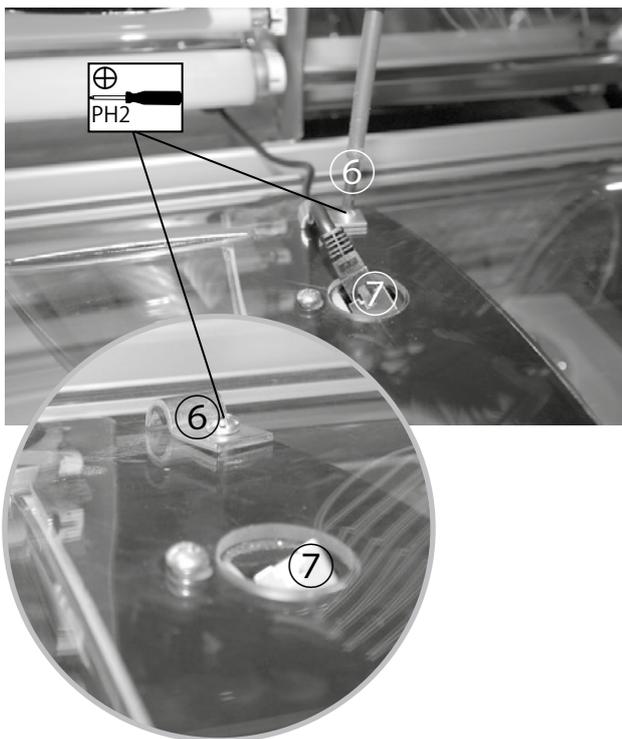

Page 45	Tilt the canopy pane down.
⑥	Remove the strain relief of the display cable (Phillips screw M4).
⑦	Detach the display cable.

⑧	Call in a second person and hold the pane at the two ends. Then slightly lift the pane ⓐ and remove it from the rear holding section ⓑ.
⑨	Carefully pull the pane towards the front and out of the tanning area.
⇒	Deposit the pane in a safe place.

ASSEMBLY NOTE

Proceed in reverse order in order to re-install the canopy pane. Make sure that the pane seal is correctly positioned.
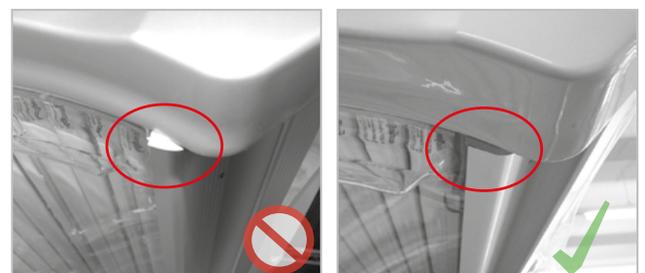
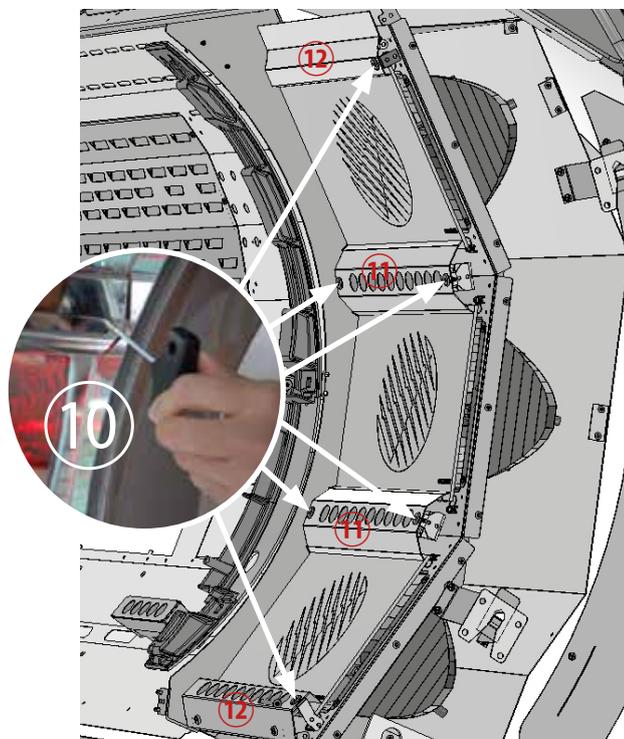| 🚫 | When closing the canopy pane, make sure that the pane seal is correctly positioned. |

Filter panes

SAFETY FUNCTION

The facial tanners are equipped with an additional safety function. There is a protective pane-switch behind each filter pane. This switch turns off the tanner if the filter pane is missing or broken.

REPLACING THE FILTER PANES (PREPARATION)

Page 45	Tilt the canopy pane down.
Page 45	Tilt the side pane down.
⑩	Undo the screws of the mirror panels (6 x M5).
⑪	Remove the central panels.
⑫	Tilt up the outer panels.

REPLACING THE FILTER PANES
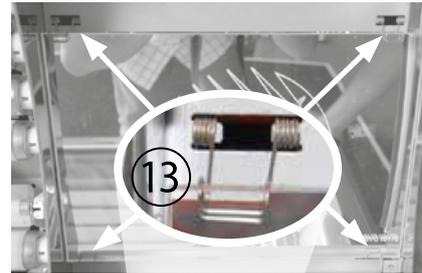
⑬	The pane is fixed with two clamps each on the two longitudinal edges.
⑭	Remove the pane from the spring retainer. To do so, press the pane to be exchanged slightly against a pair of clamps and, while keeping it slightly pressed, tilt it out of the holder on the relieved side.

The filter pane of the side part is replaced analogously to the procedure described for the canopy ⑬ ⑭.
Difference:

• Use an angled hexagon socket spanner (4 mm) in order to undo the screw of the mirror panel ⑩.

<table>
<tr><td colspan="2" align="center">⚠ DANGER</td></tr>
<tr><td rowspan="2">⚠</td><td>Excessive UV radiation
Operating the tanning unit with defective filter panes can result in serious injury to skin and eyes.
• Never operate the sunbed if the filter pane is not present or defective.
• Carry out regular visual inspections.
• Replace filter panes only with ones of the same type.
• Have the filter panes installed only by trained technical personnel.</td></tr>
</table>

Tubes

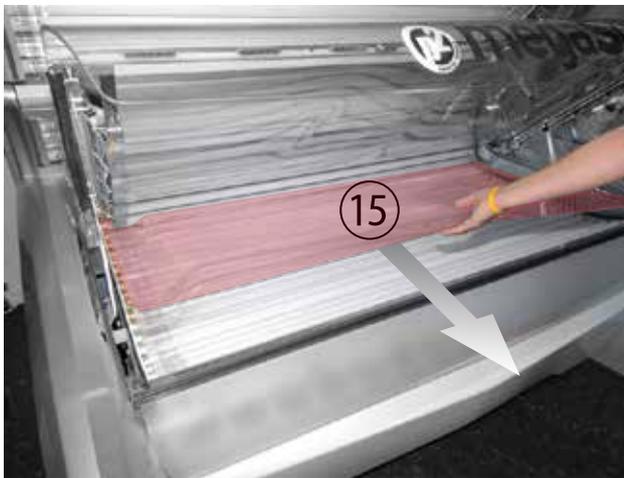|			
4	👤	↵	

🚫
- When installing the tubes, make sure that the tube inscription is visible. If it is installed in a different position, there will be no tanning effect.
- After new tubes have been installed, the operating hours of the tubes must be reset in the service menu.

REMOVING TUBE
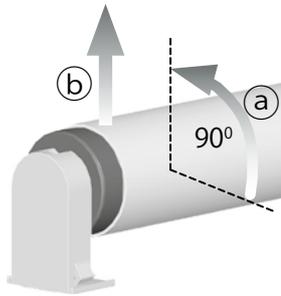
TUBE REPLACEMENT IN THE BED PART

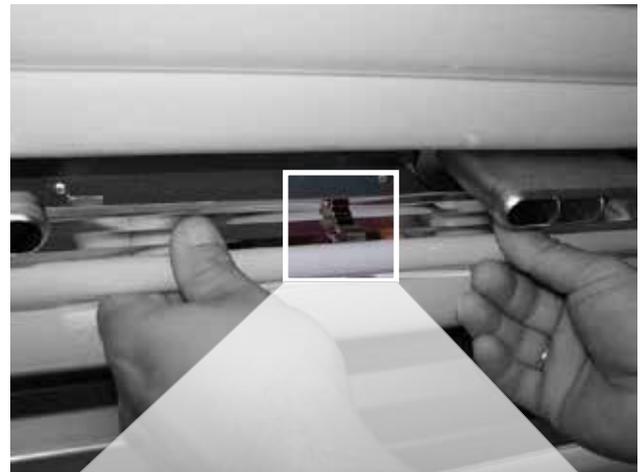| Page 45	Open the bed pane.
⑮	If the sunbed is equipped with an air-conditioning unit, remove the ducting pane.
⟹	Remove the tubes.

TUBE REPLACEMENT CANOPY / SIDE PART

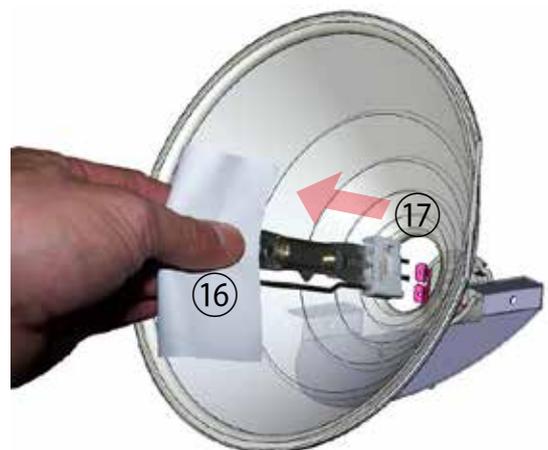| Page 45	Tilt the canopy and / or side pane down.
⇨	Remove the tubes.

P2 Tubes

If your tanning unit is equipped with P2 tubes, maintenance and care intervals are equal to the cycles for standard tubes.

🚫	**Danger of destruction!** When installing / dismantling the P2 tubes, pay attention to the middle holding clamp.

Facial tanners

4	👤	↵	

REPLACING THE HIGH-PRESSURE LAMP

⚠	**Attention!** The high-pressure lamps must only be installed and removed by trained technical personnel.

Page 45	Tilt the canopy and / or side pane down.
Page 47	Remove the filter panes.
⑯	Grasp the high-pressure lamp by the upper end. Use a clean cloth free from grease.
⑰	Carefully pull the high-pressure lamp out of the socket.

ASSEMBLY NOTE

The contacts of the high-pressure lamp have different diameters -> Install in the correct orientation!

🚫	**Dirt accumulation and bad seating can lead to damage to the high-pressure lamp and the holder during operation.** • Insert the lamps straight into their holders. • Never touch the lamp or the reflector with your bare hands. If necessary, remove grease and dirt with an alcohol-containing agent.

Shoulder tanner

⊕ PH2	🧍			

The "x-tra Tan" shoulder tanner ⑱ can optionally be installed in the place of the right-hand shoulder part.

⑱

REPLACING THE HIGH-PRESSURE LAMP

| ⚠	**Attention!** The high-pressure lamps must only be installed and removed by trained technical personnel.

| 🚫	**Dirt accumulation and bad seating can lead to damage during the operation.** • Make sure that tanners and high-pressure lamps are correctly positioned in their respective holders. • Make sure that the contact surfaces are clean when you insert the lamp. • Never touch the lamp with your bare hands. If necessary, remove grease and dirt with an alcohol-containing agent.

⑲	Undo the retaining screw (M6x12) of the chromium-plated covering.
⟹	Remove the chromium-plated covering.
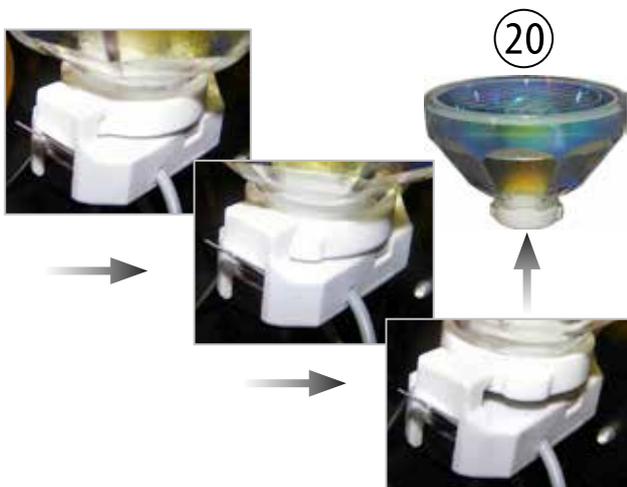
⑳	Turn the tanner (approx. 45°) to loosen it from its holder. Then pull it off carefully.

② Spring washer

② Centring lug
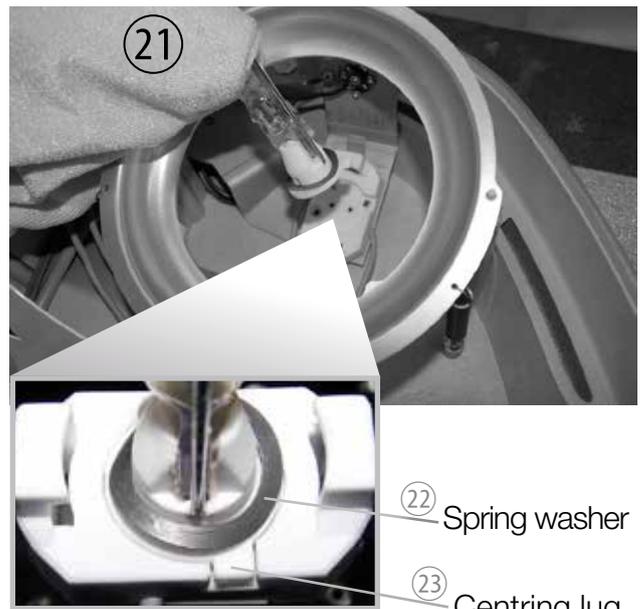
㉑	Pull the high-pressure lamp carefully out of its holder. Use a clean and grease-free cloth.
㉒	Replace the spring washer.

INSTALLATION NOTE
Installation is made in reverse order. Make sure that the high-pressure lamp is correctly positioned ㉓.

Interior unit lighting

The lighting from inside the tanning unit (fourSeasons) is effected by high-performance LEDs. There are LED modules located inside the unit, in the canopy and in the side part. The outer decorative lighting also consists of LEDs. In the case of a defect, replacement can only be made by qualified technical personnel. Contact your service partner in this case.

Filter cartridges

The cooling air for canopy and bed is filtered. Your sunbed is equipped with filter cartridges and continuous-service filter inserts. Therefore, purchase and replacement of conventional filter pads are not required. Clean the filter inserts after approx. 100 hours of operation, depending on the local circumstances. Vacuum the filter inserts or use a dishwasher.
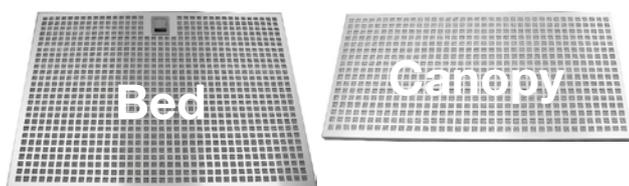
There are four filter cartridges each in the canopy and in the bed part.

NOTE

Take the opportunity and check and clean the heat exchangers of the air-conditioning unit (See also the chapter "Maintenance/Ventilation and air-conditioning"). Soiled heat exchangers substantially reduce the performance of the air-conditioner.

FILTER CARTRIDGES IN THE BED PART

Page 45	Open the bed part.
㉔	Open the lock of the filter insert.
⟹	Remove the filter insert.

FILTER CARTRIDGES IN THE CANOPY PART

Page 45	Fold down the canopy pane.
㉕	Open the retaining clamp of the cartridge.
⟹	Remove the filter insert.

🚫	When installing the insert, make sure that the honeycomb grill is directed towards the inside.

Canopy drive

Service the wire ropes after each tube replacement in order to guarantee a trouble-free operation of the drive.

SERVICING THE CANOPY DRIVE

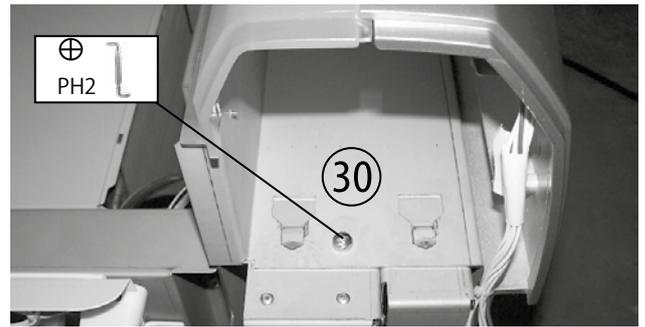|	
⟹	Test the canopy drive. The canopy must lock in place in all positions. If it does not, the canopy springs must be tensioned ㉗ ㊳.
⟹	Check the ropes of the canopy drive. Should individual wires be frayed, replace the rope immediately.
⟹	Grease the rope in the area of the return pulley with copper crease or adhesive lubricant HHS-2000 (KBL 1200024000).

REPLACING THE SPRING-LOADED WIRE ROPES
(PREPARATION)

Page 45	Open the bed part.
26	Disconnect the cable connections of the audio system (only on right-hand side).
🚫	Pay attention to the correct connections according to the colours ㉖ during the subsequent assembly.
⟹	Close the bed.
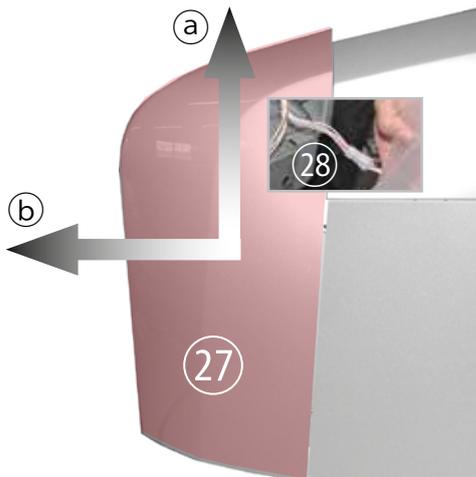
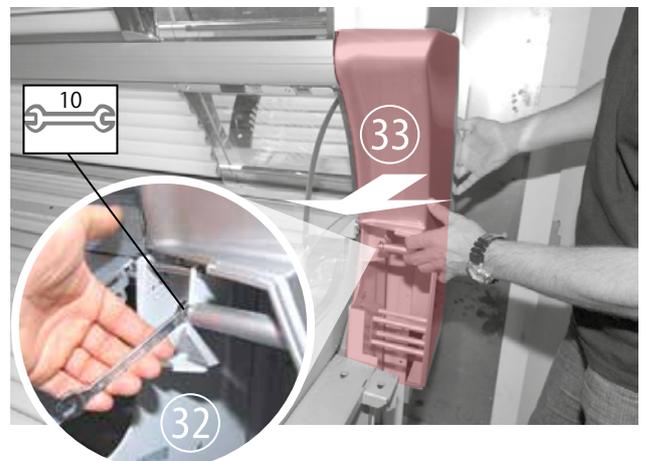| 27 | Remove the foot panel and undo the cable of the decorative lighting ㉘. |

| 29 | Remove the side panel -> pull forward ㉙. |

| 30 | Remove the screw (M6x12) of the shoulder tanner or the shoulder part. |

| 🚫 31 | Disconnect the plug-in connector of the cable harness from the base plate of the shoulder tanner. |
| ⟹ | Remove the shoulder tanner or the shoulder part. |

Page 45	Tilt down the side pane.
㉜	Loosen the hexagon socket head screw (SW10) by approx. two turns.
�33	Remove the hinge cap.
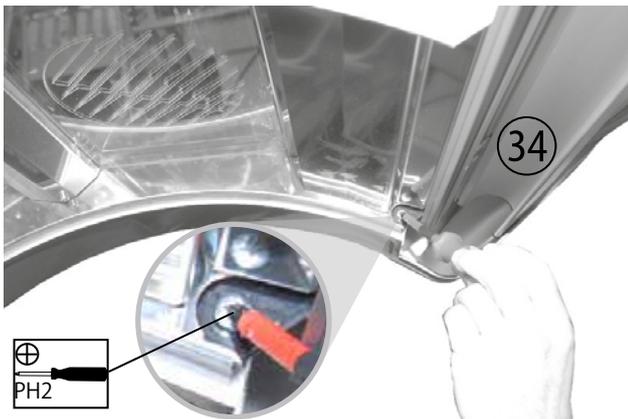
Page 45	Tilt the canopy pane down.
�34	Remove the front fastening of the end cap of the canopy (Phillips screw).

�35	Remove the end cap of the canopy and pay attention to the cable of the decorative lighting ㊱.
㊱	Disconnect the cable connection of the decorative lighting on the inside of the canopy end cap.

REPLACING THE SPRING-LOADED WIRE ROPES
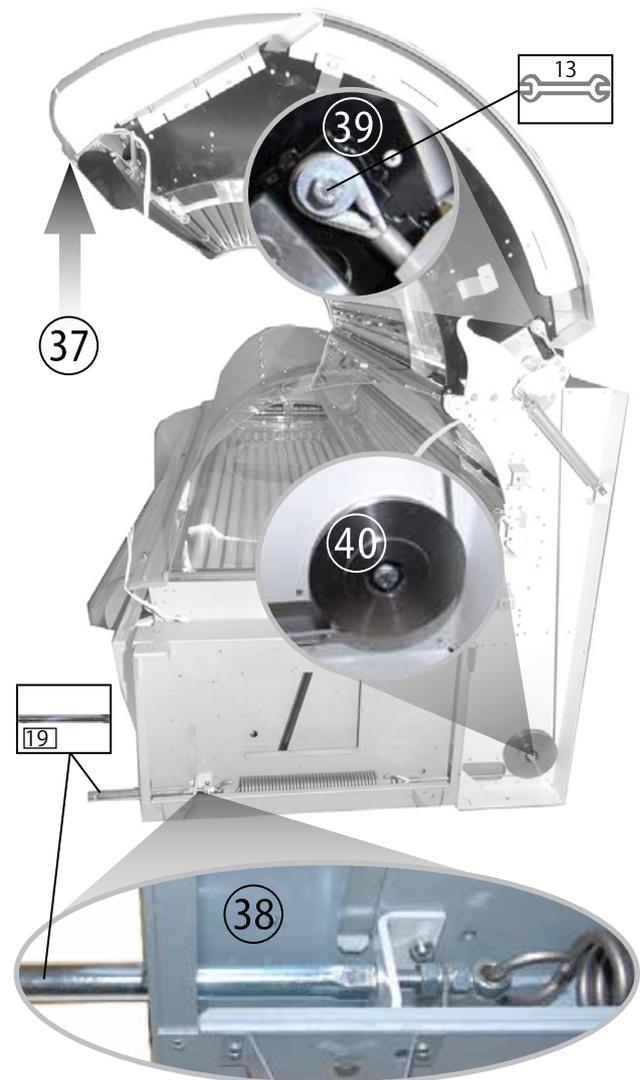
㊲ ⚠	Involve a second person to secure the canopy against falling down.
㊳	Remember the position of the nut at the spring tensioner. Then slacken the spring using a pipe wrench SW19.
㊴	Undo the upper rope holder SW13.
⟹	Replace the wire rope. Fix and tension it.
㊵	Grease the rope in the area of the return pulley with copper crease or adhesive lubricant HHS-2000.

Ventilation and air-conditioning

In order to preserve the performance of the air-conditioning unit, clean the heat exchangers after 500 - 600 hours of operation.
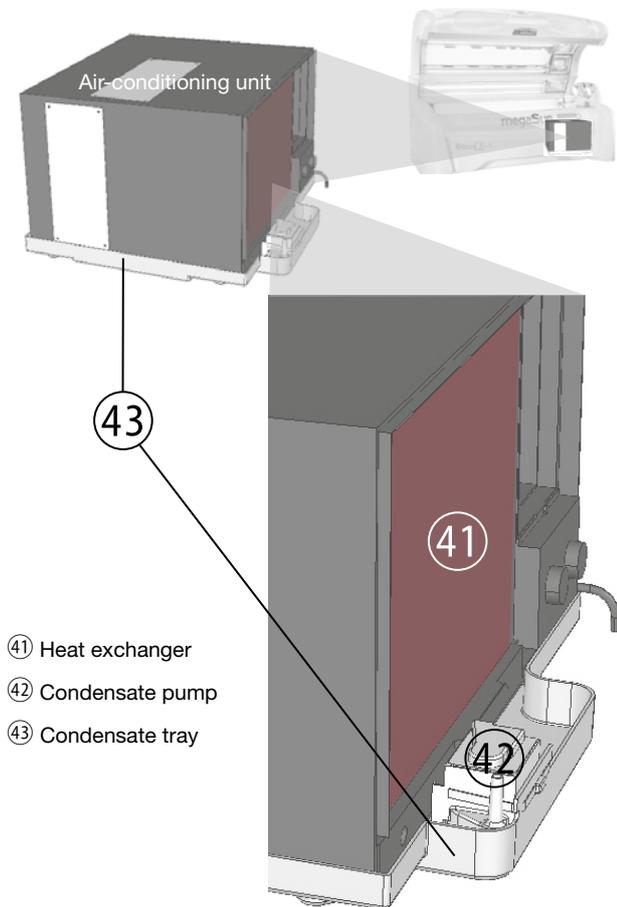

Air-conditioning unit

㊶ Heat exchanger
㊷ Condensate pump
㊸ Condensate tray

Page 45	Open the bed part.
㊶	Clean the heat exchanger.
🚫	Vacuum it carefully, paying attention not to damage the fins.

SERVICING THE VENTILATION SYSTEM

⇒	Check all hose connections.
⇒	Remove any kinks in the air hoses. Replace defective hoses immediately.

🚫	The exhaust air hose must not exceed a maximum length of 6 m if there is no auxiliary fan installed.

CHECKING THE CONDENSATE PUMP

The condensate pump ㊷ pumps away the condensation water at timer-controlled intervals. Check the function of this pump with each tube replacement.

⇒	Fill some water into the condensate tray ㊸. Use a hose and a funnel to do so.
🚫	Make sure that the water does not spill over.
⇒	Start a tanning session and then wait for 20 minutes.
⇒	The filling level of the tray must then be below the pump level.

EMPTYING THE CONDENSATE TANK

The condensate pump transports the condensation water into a canister via a hose. Once this condensate canister is full, a corresponding message is displayed. The air-conditioning symbol flashes (check), and the air-conditioning unit switches off shortly afterwards.
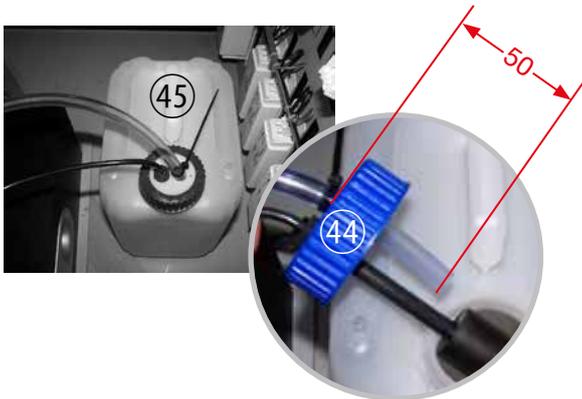
|	
㊹	Unscrew the closing lid of the condensate canister.
㊺	Empty the condensate canister.
🚫	When closing, make sure that the condensate hose is inserted a max. of 50 mm into the canister.
⇒	Finally, acknowledge the aircon message on the display (START).

Recording to an SD card

REMOVING THE SD CARD

The SD card slot which contains the storage medium with the MP3 data from the internal MP3 player is located at the control box in the bed part of the sunbed.
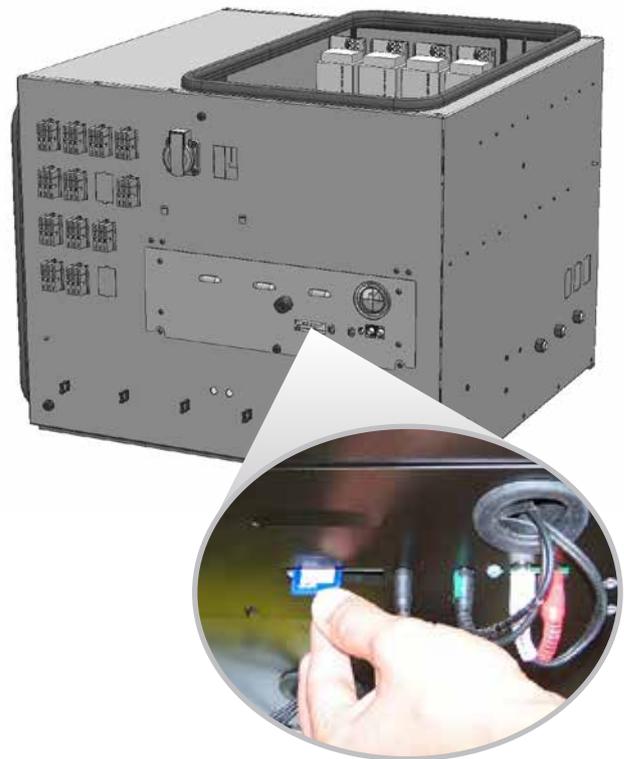
Please refer to the chapter "Technical data" for information regarding supported card sizes as well as file-system and MP3 formats. The SD card must not be formatted, the Voice folder and its contents must not be changed or deleted. Outside of this folder you can add or delete audio files as you desire. These audio tracks are played if the corresponding source has been selected. The number of files is limited by the storage capacity of the SD card.

RECORDING TO THE SD CARD

🚫	**Attention!** • Do not modify or delete the VOICE folder or the data it contains.
⇒	Insert the card into the computer and wait for it to be recognised.
⇒	Copy files to SD card, or delete files from it.

Replacing Aroma and aquaCool media

![person icon]	![enter icon]			

⚠️	**Attention!** Do not use any agents other than aquaCool and Aroma gel supplied by KBL! • Risk of infections • Function of nozzles impaired

REPLACING THE AQUACOOL CANISTER

ℹ️	Due to the system a residual amount remains in the canister.

If the aquaCool canister is empty, corresponding messages are displayed, and aquaCool switches off shortly afterwards.

Page 45	Open the bed part.
46	Unscrew the lid.
🚫	Keep the hose end including the lid in a clean plastic bag while replacing the canister.
47	Replace the canister.
⇒	Start aquaCool initialization (service menu).

REPLACING THE AROMA TIN

When the Aroma tin is empty, a corresponding message is displayed.
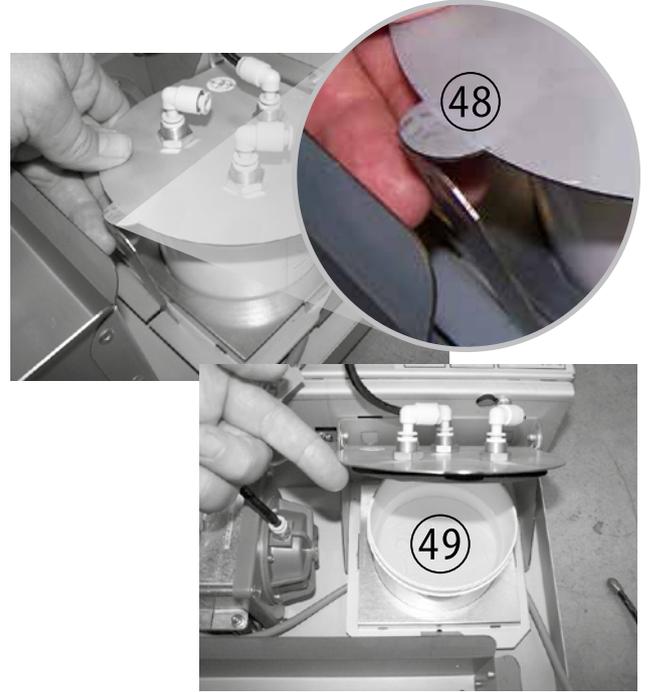
Page 45	Open the bed part.
48	Unlock the retaining bracket.
49	Replace the tin.
⇒	Reset the Aroma counter in the service menu to 0 (Reset). Then the message on the display will disappear.

Replacing the aquaCool nozzles

After 1,000 hours of operation, the aquaCool nozzles must be replaced in order to ensure that the aquaCool system functions properly. The assembly instructions are included with your spare parts delivery.

System messages

ERROR MESSAGES			
After the error has been eliminated, all error messages must be acknowledged by pressing **START** on the interior display.			
No.	Status message	Description	Remedy
01	Excess temperature bimetal	Bimetal switch triggers.	Check the air-intake/air-discharge system. Let the sunbed cool down.
02	Maximum tanning time!	Enabling signal from coin-box system comes in longer than the time value approved under "Maximum tanning time" (voltage remains connected)	Disconnect from the coin-box system.
03	Excess temperature exhaust fan, please check	Bimetal switch in the fan triggers.	Make sure the fan runs freely. Check the air-intake/air-discharge system. Let the sunbed cool down.
04	Connection fan speed control faulty	Faulty communication between Mainboard and fan-speed control.	Check / replace the patch cable.
08	Canopy pane open, please close	Contact of the canopy pane has triggered.	Close the canopy pane and check the contact.
09	Side pane open, please close	Contact of the side pane has triggered.	Close the side pane and check the contact. If the fault persists, contact your Customer Service.
10	Bench / bench pane open, please close	Contact of the bench pane has triggered.	Close the bench / bench pane and check the contact.
11	Excess temperature bimetal x-tra Tan	Bimetal switch in the shoulder tanner triggers.	Check the ventilation system of the shoulder tanner. Let the sunbed cool down. If the fault cannot be eliminated in this way, contact your Customer Service.
12	KBL7 Hardware error Input-Controller	Mainboard defective.	Contact your Customer Service.
13	Maximum write cycle flash memory reached	Maximum write cycle flash memory reached.	Contact your Customer Service.
14	Error! SD card read error (CRC fault)	Update via SD card failed (CRC fault).	SD card check / replace.
15	Error! no access to the SD card	Update via SD card failed (access error).	SD card check / replace
17	Parameter storage not found, please connect and restart	Parameter storage not found, please connect and restart.	Check connector parameter storage. If necessary replace parameter storage.
18	Parameter storage no valid serial number	Parameter storage no valid serial number.	Contact your Customer Service.
19	CAN-BUS: Interior display V1 is incompatible	CAN-BUS operators incompatible.	Use CAN-BUS operaters V2.
20	CAN-BUS: preSelection display V1 is incompatible		
21	CAN-BUS: audio module full V1 is incompatible		
22	CAN-BUS: RGB module V1 ist incompatible		
23	Parameter storage write error	Parameter storage write error.	Check connector parameter storage. If necessary replace parameter storage.
24	Parameter storage read error	Parameter storage read error.	Check connector parameter storage. If necessary replace parameter storage.
25	Frequency detection: detection failed!	Frequency detection failed.	Restart the controller. Contact your Customer Service after the third unsuccessful restart.

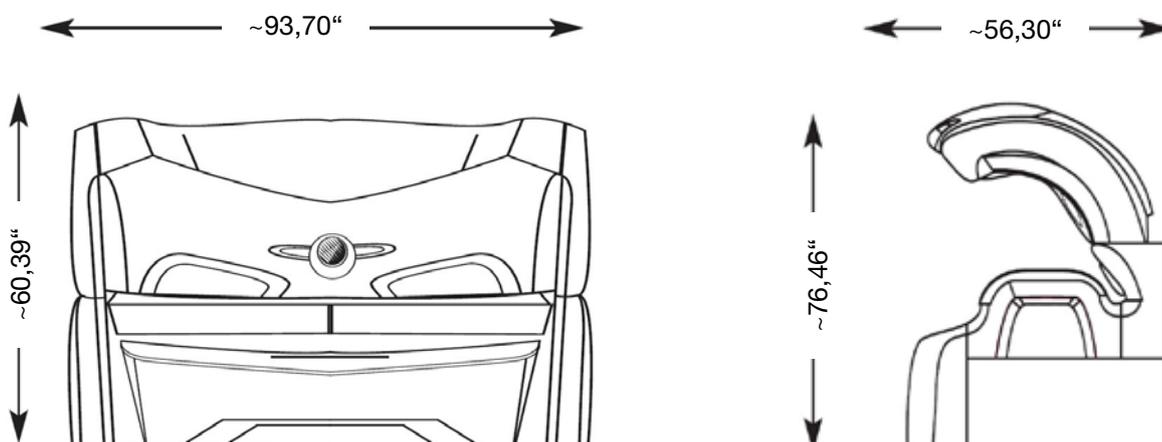| ERROR MESSAGES			
After the error has been eliminated, all error messages must be acknowledged by pressing **START** on the interior display.			
No.	Status message	Description	Remedy
26	Frequency detection: power supply connection faulty (connector X6/E6)!	Frequency detection failed. No mains voltage.	Check mainboard connector X6/E6.

INFORMATION MESSAGES			
No.	Info. message	Description	Remedy
203	Fill level aquaCool canister low	The content of the aquaCool canister is sufficient for another 2.5 hours of operation with a spraying time of 6 seconds each.	Replace the empty aquaCool canister with a full one. Do not replace aquaCool with any other liquid.
204	Connection aquaCool unit faulty	Communication between control and module / display has been interrupted.	Check / replace the patch cable. Acknowledge the message by pressing START. If the fault persists, contact your Customer Service.
205	Connection audio module faulty		
206	Connection inside display faulty		
207	aquaCool canister empty	aquaCool canister empty.	Replace the aquaCool canister with a full one. See chapter: Refilling Aroma and aquacool
208	Aroma supply low, please renew	System has run out of scent.	Replace the Aroma tin. See chapter: Refilling Aroma and aquacool
209	aircon: condensed-water canister full, please empty	Condensate canister of air-conditioning unit full.	Empty the condensate canister of the air-conditioning unit, acknowledge the message by pressing START.
210	Low battery charge, please renew	Button cell (CR-2032) of the control board discharged.	Replace the button cell (CR-2032).
211	Connection preselect display faulty	Communication between control and "preSelection" display has been interrupted.	Check / replace the patch cable. Acknowledge the message by pressing START. If the fault persists, contact your Customer Service.
212	Connection RGB-module faulty		
213	SD card missing	No SD card in the audio module.	Insert an original SD card. See chapter: Recording to an SD card/Removing the SD card
214	SD card unreadable	SD card defective, incompatible content.	Insert a new original SD card. Acknowledge the message by pressing START. See chapter: Recording to an SD card/Removing the SD card. If the fault persists, contact your Customer Service.
215	Connection to easy Care terminal faulty	Communication between control and easyCare terminal has been interrupted.	Check cable connections and power supply. Acknowledge the message by pressing START. If the fault persists, contact your Customer Service.
216	Voltage varies, blease check	Power supply to the mainboard varies	Check power supply to the mainboard.
217	No voice files on the SD card, pleas check.	No voice files on the SD card found.	Rebuild voice folder on the SD card. If necessary replace original SD card.
226	Quicktest Sensortoleranz OK	Sensor Quicktest log entry - No display appears - Message will be stored directly in the event log (service menu).	
227	Quicktest Sensortolerance error		

Technical data

Ambient conditions	
Installation site	In dry rooms (booths) with sufficient airing and ventilation • Maximum relative air humidity: ≤ 70 % • Maximum room temperature: ≤ 86°F (30°C) • Minimum height of the room: ~94,49 inch • Only on a non-combustible basement

Weights and measures	
Dimensions in inches (Height x width x depth)	~60,39" x ~93,70" x ~56,30" (when closed) ~76,46" x ~93,70" x ~56,30" (when open)
Bed pane max. load capacity	286 lbs
Weight	~1367 lbs (with air conditioning)

Electrical connection values	
Protective class	IP20
Mains voltage	3-phase: 3 x 220 V / ~ / 60 Hz - 2-phase: 2 x 220 V / ~ / 60 Hz
Wire cross section	3-phase: 4 x AWG6 - 2-phase: 3 x AWG4
MP3-Player	• Supports SD cards up to 1-2 GB (SD) / 4-16 GB (SDHC) • Supported file system (SD card): FAT16 / FAT32 • Supported MP3 files: constant and variable bit rate, 96-320 Kbit/s • Supported MP3 files (USB-Port): constant and variable bit rate, 96-320 Kbit/s
Fuses	Electronic Power -> 3-phase: 3 x 50 A / 2-phase: 2 x 80 A Smart technology -> 3-phase: 3 x 50 A / 2-phase: 2 x 80 A For Canada all devices with Class-A ground fault circuit interrupter GFCI.

Air discharge	
Fan	Exhaust-air socket Ø 300mm (~11,81 inch) -- 82,48 inch (top) Minimum exhaust air flow rate: 2250m³/h (594400 gal/hour)
Exhaust-air hose	Ø 300 mm (~11,81 inch)

Views

~93,70"   ~60,39"   ~56,30"   ~76,46"

Unit data: KBL 6800 αlpha - Electronic Power			
	Ultra Power	Item no	
Tubes	Canopy: 20x megaLine 1870 R 200W CPI plus	3230075170	
	Side: 6x megaLine 1870 R 200W CPI plus	3230075170	
	Bed: 20x megaLine 1990 R 200W CPI plus	3230075160	
Face tanner	4x megaLine HP 800	4230320000	
Shoulder tanner	2x MS250	3200224000	
Filter panes	EVO 19176	3020019176	
Nominal power	With air conditioning: 11660W / Without air conditioning: 10400W		

Unit data: KBL 6800 αlpha - Electronic Power - P2			
	Ultra Power	Item no	
Tubes	Canopy: 18x megaLine 1870 R 200W CPI plus	3230075170	
	2x megaLine 1857 R 80W	3230074881	
	Side: 6x megaLine 1870 R 200W CPI plus	3230075170	
	Bed: 20x megaLine 1990 R 200W CPI plus	3230075160	
Face tanner	4x megaLine HP 800	4230320000	
Shoulder tanner	2x MS250	3200224000	
Filter panes	EVO 19176	3020019176	
Nominal power	With air conditioning: 11660W / Without air conditioning: 10400W		

Unit data: KBL 6800 αlpha - smart technology - Without Skin Check Terminal			
	Ultra Power	Item no	
Tubes	Canopy: 16x megaLine 1870 R 200W CPI plus	3230075170	
	4x megaLine 1857 R 80W	3230074881	
	Side: 4x megaLine 1870 R 200W CPI plus	3230075170	
	2x megaLine 1857 R 80W	3230074881	
	Bed: 20x megaLine 1990 R 200W CPI plus	3230075160	
Face tanner	4x megaLine HP 800	4230320000	
Shoulder tanner	2x MS250	3200224000	
Filter panes	EVO 19176	3020019176	
Nominal power	With air conditioning: 11660W - 13660W / Without air conditioning: 10400W - 12400W		

Unit data: KBL 6800 αlpha - smart technology - With Skin Check Terminal			
	Ultra Power	Item no	
Tubes	Canopy: 16x megaLine 1852 R 160W	3230074200	
	4x megaLine 1857 R 80W	3230074881	
	Side: 4x megaLine 1852 R 160W	3230074200	
	2x megaLine 1857 R 80W	3230074881	
	Bed: 20x megaLine 1972 R 180W	3230074740	
Face tanner	4x megaLine HP 800	4230320000	
Shoulder tanner	2x MS250	3200224000	
Filter panes	EVO 19176	3020019176	
Nominal power	With air conditioning: 11660W - 13660W / Without air conditioning: 10400W - 12400W		

KBL EQUIPMENT WARRANTY

1. **WARRANTY** - PC Marketing, Inc. d/b/a PC Tan (the "Company") warrants that electrical components are free from defects in its materials and workmanship, under normal use, for one year ("Warranty Period") beginning from the purchase invoice date of the KBL indoor tanning equipment ("Product") is purchased from the Company or an authorized Distributor of the Company or from an authorized Dealer or Representative of such Distributor or Dealer (collectively the "Distributor"), if you, the original purchaser ("Purchaser"), retain ownership during the Warranty Period. This Warranty is nontransferable. THE WARRANTY CONTAINED IN THIS SECTION 1 IS SUBJECT TO VOIDANCE IN ACCORDANCE WITH SECTION 3.

2. **WARRANTY FOR ITEMS NOT COVERED BY THE ONE YEAR WARRANTY SET FORTH IN SECTION 1; ACRYLIC SURFACES are prorated for (1) year from the invoice date of the purchase of the Product. Lamps, lamp starters, filter glass plates; metal structure, plastic covers and air filters** are not covered under this warranty. THE WARRANTY CONTAINED IN THIS SECTION 2 IS SUBJECT TO VOIDANCE IN ACCORDANCE WITH SECTION 3.

3. **VOIDANCE OF THE WARRANTY.** THE WARRANTIES SET FORTH IN SECTIONS 1 AND 2 HEREIN ABOVE ARE VOID IF YOU: TRANSFER THE PRODUCT TO A THIRD PARTY, MODIFY THE PRODUCT, MISUSE THE PRODUCT, SUBJECT THE PRODUCT TO ABNORMAL CONDITIONS OF OPERATION, ATTEMPT UNAUTHORIZED REPAIRS TO THE PRODUCT, DO NOT USE ORIGINAL EQUIPMENT MANUFACTURER (OEM) REPLACEMENT PARTS, DO NOT FOLLOW THE CARE AND USE INSTRUCTION MANUAL CONCERNING SPACE, ELECTRICAL AND ENVIRONMENTAL REQUIREMENTS, SUBJECT THE PRODUCT TO ACCIDENT, MISUSE OR MISAPPLICATION; OR SERVICE THE PRODUCT BY ANYONE OTHER THAN THE COMPANY OR AN AUTHORIZED SERVICE REPRESENTATIVE OF THE COMPANY OR DISTRIBUTOR

4. **WARRANTY RETURNS.** All warranty claims can be handled through the Company or Distributor. If you do not know the phone number of the Distributor, you can contact the Company at 1-800-FAST-TAN, Monday through Friday from 9:00 AM to 5:00 PM EST. Warranty covered items are to be returned on a part for part replacement. All freight charges are the sole responsibility of the Purchaser.

5. **DISTRIBUTOR WARRANTIES.** To the extent representations, warranties or commitments are extended to the Purchaser by a Distributor, such representations, warranties and commitments will be those of the Distributor alone, and will not be attributed to the Company and the Company shall not be responsible for same.

6. **DISCLAIMER OF WARRANTIES.** EXCEPT AS EXPRESSLY STATED IN SECTION 1 AND 2 HEREIN ABOVE, THERE ARE NO OTHER WARRANTIES BY THE COMPANY OR DISTRIBUTOR, EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE. THE COMPANY AND DISTRIBUTOR DISCLAIM ALL IMPLIED AND EXPRESS WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

7. **LIMITATION OF LIABILITY.** THE COMPANY OR DISTRIBUTOR SHALL NOT BE LIABLE, WHETHER IN CONTRACT OR TORT, FOR ANY LOSS OR DAMAGE, INCLUDING BUT NOT LIMITED TO SPECIAL, INDIRECT, CONSEQUENTIAL, PROPERTY, ECONOMIC OR PERSONAL DAMAGES OF THE END USER, OR THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES, ABOVE OR BEYOND THE REPAIR, REPLACEMENT OR REFUND OF ANY DEFECTIVE PRODUCT, WHICH SHALL BE THE PURCHASER'S SOLE REMEDY. THE PURCHASE PRICE OF THE PRODUCT IS A CONSIDERATION IN LIMITING THE COMPANY'S AND DISTRIBUTOR'S LIABILITY.

8. **LOCAL LAWS.** Laws pertaining to the rights and limitations of the Warranty vary from state to state. The limitations set forth herein many not be applicable to the Purchaser, or Purchaser may have other legal rights not referenced herein.

9. **MISCELLANEOUS**

    9.1   GOVERNING LAW. This Warranty shall be governed by, interpreted by and enforced in accordance with the substantive and procedural laws of the State of New Jersey, and the United States of America, conflict of laws notwithstanding. This Warranty and any such claims, disputes or actions is domiciled. The Company, Distributor and Purchaser hereby agree to submit to the subject matter and personal jurisdiction and venue of said courts to resolve any disputes. If any term or provision of this Warranty is adjudicated to be invalid by any Court have jurisdiction, such provision shall be inoperable and deemed omitted and shall not invalidate the remaining provisions hereof.

    9.2   ENTIRE AGREEMENT. This Warranty constitutes the entire agreement of the Purchaser, the Distributor and the Company as to the subject matter and there are no other understandings, agreements or terms, whether oral or written, between the Company and the Purchaser.

    9.3   READ AND UNDERSTAND THIS WARRANTY. Before signing and returning this warranty, the Purchaser acknowledges that Purchaser has read and understands the terms herein, or has had the opportunity to have them read and explained to the Purchaser by an authorized representative.

10. **VALIDATION.** To validate that you are the original purchaser of the Product from the Company or a Distributor and to ensure that you receive the above-recited benefits under the Warranty, please provide the information on the warranty card, sign the card and mail it within (30) days of purchase to:

    Warranty Department
    PC Tan
    1040 Wilt Avenue
    Ridgefield, NJ 07657

11. **SPARE AND REPLACEMENT PARTS.** Original Equipment Manufacturer's (OEM) lamps and replacement parts are available by direct order. To order, call 1-800-FAST-TAN. Please have Credit Card information available when calling or write:

    PC Tan
    1040 Wilt Avenue
    Ridgefield, NJ 07657

KBL 6800 alpha

warranty card	Company Name/Contact:	
Delivery Address	Street: _____ City, State: _____ Zip Code: _____ Phone: _____	
Model	o Electronic Power o Smart technology	
Serial #		
Skin check terminal	o Yes	o No
Shoulder tanner	o Yes	o No
aquaCool	o Yes	o No
Aroma	o Yes	o No
airCon Preparation	o Yes	o No
Exhaust air system	o Without o Exhaust air duct o Exhaust air hose (300mm, white, length 3m, 2 hose clamps)	
	o Single Phase o Three Phase	
Date of Install		
Installer Name and Address		
Voltages	L1/L2 _____ L2/L3 _____ L3/L1 _____	
Remarks		

Office Use Only: Date Received: _____   Received by: _____