



KBL



TANNING DEVICE

OPERATING INSTRUCTIONS



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ORIGINAL OPERATING INSTRUCTIONS

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MANUFACTURER

KBL GmbH

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DISTRIBUTED BY (CONTACT)

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dba Tanning Supplies unlimited.

1504 Sadlier Circle South Drive;

Indianapolis; IN 46239, U.S.A.

1-877-307-8434 (toll free) or 317-217-1700

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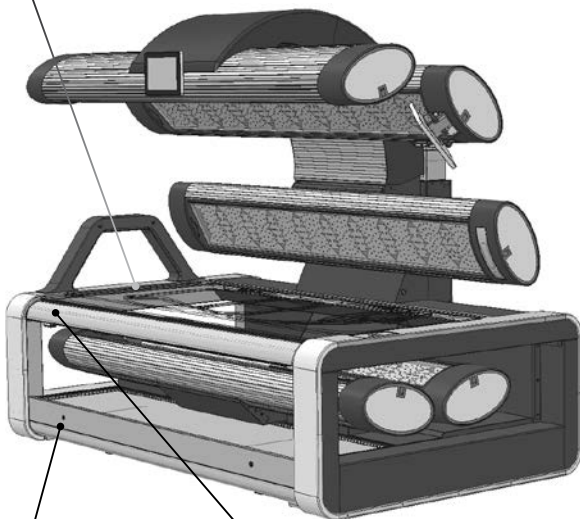
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1. Labels attached to the tanning device



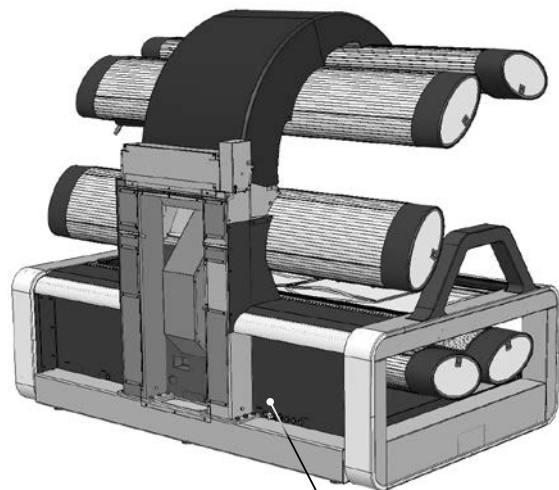
**ATTENTION: THIS SUNLAMP
PRODUCT SHOULD NOT BE
USED ON PERSONS UNDER
THE AGE OF 18 YEARS**

Item no. 3010371701



CAUTION!
DISCONNECT SUPPLY CORD
BEFORE OPENING UNIT

Item no. 3010371706



DANGER — ULTRAVIOLET RADIATION - FOLLOW INSTRUCTIONS - AVOID OVEREXPOSURE

DANGER – ULTRAVIOLET RADIATION • FOLLOW INSTRUCTIONS • AVOID OVEREXPOSURE
As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer.

WEAR PROTECTIVE EYEWEAR - FAILURE TO WEAR PROTECTIVE EYEWEAR MAY RESULT IN SEVERE BURNS INJURY TO THE EYES Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamp if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the 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. If discomfort develops, discontinue use and consult a physician.

Item no. 301037172



WARNING!
GROUNDING CIRCUIT CONTINUITY IS VITAL FOR SAFE OPERATION OF
EQUIPMENT.
NEVER OPERATE EQUIPMENT WITH GROUNDING CONDUCTOR DISCONNECTED.
Call us at 800-828-6882, ext. 3030.

WARNING:
HIGH LEAKAGE CURRENT -
ENSURE PROPER GROUNDING.

[illegible]

2. General information

2.1 About these instructions

This operating manual is intended for use by

- studio operator,
- user,
- staff,
- qualified, trained and authorized service technician.

Any person dealing with this KBL Sunlamp Product (hereafter referred to as tanning device) must have read and understood these instructions.

This manual describes tanning devices equipped with the maximum number of features.

Keep this manual ready to hand at all times.

2.2 Safety signs



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



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



This symbol indicates that due to UV radiation hazards exist to the human health.



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



This symbol indicates the danger of pinching.
When closing and opening panels and covers, you can pinch your hands.



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



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



This symbol indicates the type BF applied part.

IMPORTANT INFORMATION



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

2.3 Signal words

 **DANGER**

- Death or serious injury is imminent.

 **WARNING**

- Death or serious injury is possible.

 **CAUTION**

- Moderate or minor injury is possible.

2.4 Definitions

STUDIO OPERATOR

People who provide tanning devices to users on a commercial basis. The studio operator is trained to operate and maintain the tanning device. He is responsible for the proper operation of the tanning device as well as for compliance with the maintenance intervals.

USER

A person who uses the tanning device.

STAFF

People who are responsible for the operation, cleaning and disinfection as well as for the general maintenance work and instruction of the user on how to operate the tanning devices.

QUALIFIED, TRAINED AND AUTHORIZED SERVICE TECHNICIAN

Qualified staff who have been trained and authorized by the manufacturer for assembly and maintenance work with specific device.



The tanning device is mounted on a pallet.

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


OTHER MODES OF TRANSPORT

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

2.5 Transport

	 WARNING
	<p>Overturning load</p> <p>Danger of being crushed by heavy parts of the equipment.</p> <ul style="list-style-type: none"> • Keep the safety distance to the transport machine. • Do not walk under the load. • Wear safety shoes.

TRANSPORT BY FORKLIFT TRUCK

	<p>During transport the tanning device may be damaged when using forklift forks that are too short.</p> <ul style="list-style-type: none"> • Use only sufficiently long forks.
-------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2.6 Service

REPAIRS - SERVICE - REPLACEMENT - PARTS - EYE PROTECTION

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

Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited.
1504 Sadlier Circle South Drive;
Indianapolis; IN 46239, U.S.A.
1-877-307-8434 (toll free) or 317-217-1700


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.

ACCESSORY PARTS

Description	KBL item no.
Protective eyewear	3010104000
Headrest	3010212010

Technical documentation like operating and assembly instructions as well as diagrams and original spare parts can be provided responsibility by KBL.

2.7 Updating system software



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 tanning device 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.

2.8 Setup location

OPERATION IN MOBILE FACILITIES



⚠ CAUTION

Crushing hazard caused by sudden movements


The tanning device is unsuitable for operation in mobile facilities (buses, trains, ships).

- The tanning device must be adapted in order to ensure trouble-free operation when used in mobile facilities.

DANGER OF OVERHEATING BY OBSTRUCTION OF THE AIRFLOW

Avoid in any case a change, obstruction or blockage of the air inflow and outflow area to the tanning device or to make any unauthorized changes to the tanning device. The manufacturer shall bear no liability for damage or injuries resulting from such actions.

- Comply with the ventilation information to avoid serious system malfunctions.
- Only use OEM spare parts of the same type! The use of other parts will void the manufacturer's warranty!
- Maintain the minimum distances from ceiling, bottom and the walls! Dimensions are given in chapter *technical data*.



Insufficient air supply leads to overheating which may result in damaging the tanning device!

EXPLOSIVE ATMOSPHERE



⚠ DANGER

Explosive atmosphere

Operation in explosive atmospheres can cause explosions.

- Do not operate the tanning device in an explosive atmosphere.

SALTY AIR - CONTAMINATED AIR



Salty air, contaminated air may lead to corrosion of the housing and electrical components. **Damage to the tanning device possible!**

- Do not operate the tanning device in locations with aggressive environmental conditions (e.g. air containing chlorine).
- Do not install the tanning device at swimming pools.

ELECTROMAGNETIC ENVIRONMENT

Do not use near (24 inches or closer) equipment sensitive to electromagnetic interference.

This tanning device complies with International Standards (as set forth in manufacturer's declaration following) for electromagnetic compatibility for medical electrical equipment and/or systems.

These standards are designed to provide reasonable protection against harmful interference in a typical medical installation.

However, because of the proliferation of radio-frequency transmitting equipment and other sources of electrical noise in healthcare and other environments, it is possible that high levels of such interference due to close proximity or strength of a source might disrupt the performance of this tanning device. Medical electrical equipment needs special precautions regarding EMC, and all equipment must be installed and put into service according to the EMC information specified in this manual (*chapter 4.1*).

DIFFERENCE IN TEMPERATURE



Risk of damage by switching on the power supply voltage.

When there are great differences in temperature between the transportation route and the installation site the tanning device shall not be put into operation immediately after being set up.

- Before connecting the tanning device to the power supply, wait at least for 2 hours.

2.9 Commissioning



! DANGER

Damaged mains power cable

Risk of death or fatal injury due to electric shock when touching a damaged mains power cable.

- Only the manufacturer or specialized companies may replace the mains power cable!

Initial commissioning will be carried out by the manufacturer's own service technicians or by qualified, trained and authorized service technicians. The tanning device will be handed over ready for use.

As studio operator it is your responsibility to observe the electrical regulations applicable at the installation site.

The tanning device incorporates special preventive measures with regard to the electromagnetic compatibility and must be installed and commissioned according to the EMC instructions obtained from this operating instructions.

If the tanning device has not been used for a longer period of time, then it must first be inspected by qualified, trained and authorized service technicians, before being put back into operation again.

Ensure no electromagnetic compatibility issues with the siting (*chapter 4.1*).

2.10 Obligations of the studio operator

- The studio operator is responsible for informing users on possible risks of tanning.
- All danger and safety labels attached to the tanning device must be observed and shall not be removed!
- The tanning device shall only be used when in proper operational condition!
- The studio operator is responsible to ensure that the tanning device is handled properly.

- No safety equipment (e.g. thermal switch) shall be removed, deactivated, or otherwise bypassed as it may impair the safe operation of the tanning device!
- The electrical installation must be equipped with a freely accessible all-pole disconnecting device (Master switch with clearly marked on/off settings e.g. "O" and "I" or additional indicator light). The master switch shall be fitted externally on the side of the tanning booth, so the operator can access it at any time, even when the tanning device is in operation.
- Site the tanning device in such a way as the MAINS ON/OFF switch and the MAINS supply cable are not obstructed (difficult to access).

2.11 Training of staff

The studio operator is obligated to train his staff and to instruct them in the established legal and accident prevention regulations. He must ensure that his staff has understood and observes these instructions. This includes:

- Operating instructions.
- Safety instructions.
- Information regarding intended use and foreseeable misuse.
- Cleaning/disinfection and maintenance instructions.
- The instructions and additional information from the manufacturer must be available to the staff at their workplace. Regularly test your staff's safety consciousness and awareness of the risks, taking into account the operating instructions of the tanning device.
- Make sure that the cleaning/disinfection intervals are complied with, especially the cleaning and disinfection of the tanning device after every use.
- Make sure that your staff provides the customers with appropriate advice, especially regarding tanning times, possible risks and the operation of the tanning device.

2.12 Technical modifications

The tanning device has been constructed in accordance with current safety regulations.

The specifications and illustrations on these instructions are subject to technical modifications which are required in order to improve the tanning device.

- Unauthorized modifications and changes to the tanning device are forbidden.
- Use only OEM spare parts!

2.13 Instruction updates



Use the current tanning device documentation

The tanning device documentation is updated regularly by the manufacturer. Make sure you are using the latest version. For instruction updates, please contact:

Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited.
1504 Sadlier Circle South Drive;
Indianapolis; IN 46239, U.S.A.
1-877-307-8434 (toll free) or 317-217-1700

2.14 Interruption of the boot process



If the boot process is interrupted several times, the software version is automatically reset to the previous version.

- Returning to the latest version is only possible through a manual update.

3. Safety notes

3.1 General safety notes

Read the operating instructions before using the tanning device.

This tanning device must be operated with an external timer as specified in chapter *Timer controlled operation*.

NOTE: This tanning device is intended to be used by only one adult person at a time. Therefore, only one (1) pair of protective eyewear is provided with each KBL tanning device. Use protective eyewear whenever the tanning device is operated. Read related operating instructions in chapter *Guidelines for the use of protective eyewear*.

Do not tan more than once in a 24 hour period. Tanning results normally occur after a few sessions and increase after four (4) weeks of regular exposure. Follow the exposure schedule in accordance with your skin type as specified in chapter *Exposure schedule*. Failure to do so may result in overexposure. However, regardless of how dark an individual may tan on this tanning device, it will not provide adequate protection against overexposure to natural sunlight or UVB tanning devices.

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.

FURTHER INSTRUCTIONS



WARNING

No modification of this equipment is allowed.

- 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 tanning device may only be installed and assembled by qualified, trained and authorized service technicians.
- 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 tanning device may only be operated when in perfect working condition.
- Never operate the tanning device with the outer covering removed or with the acrylic panes removed.
- Pay attention to the load limit of the bed pane.
- The canopy is not designed to carry additional loads. In particular, during installation the canopy must not be charged with additional loads.

3.2 Duties of the operator

The manufacturer cannot be held liable for damages or injuries resulting from improper use of the equipment or non-observance of these operating instructions. Only use original spare parts, otherwise operating authorization and terms of guarantee will become invalid.

3.3 Intended use

This sunlamp product is a tanning device intended for the tanning of the human skin of an adult person who is in full command of his/her physical, sensorial and mental faculties. Moreover, sufficient knowledge and experience are required.

Wear protective eyewear to block UV radiation during tanning.

Lie down on the bed in a straight position and with physical contact to the bed. Choose a suitable position to reach the interior control panel at all times during the tanning.

3.4 Indications for use

This sunlamp product is an over-the-counter tanning device emitting ultraviolet light in the UVB and UVA region of the spectrum intended for tanning of the human skin of an adult person.

3.5 Contraindications

Any adult person listed here after may not use this sunlamp product. If in doubt consult a physician.

This sunlamp product is contraindicated for use on persons under the age of 18 years.

This sunlamp product must not be used

- if skin lesions or open wounds are present.
- by persons wearing heart pacemakers.
- by persons prone to sunburn (skin type I).
- by persons already suffering from sunburn.
- by persons taking medicines.
- by persons taking photosensitive medications.
- by persons, who had several severe sunburns as children.
- by persons, who are being treated by a physician for conditions associated with photosensitivity.
- by persons, who are prone to freckles.
- by persons with atypical discolored skin areas or/ and with more than five atypical moles with a diam-

eter of 5 millimeters or more and persons with more than 16 moles with a diameter greater than or equal to 2 millimeters. If in doubt, consult a physician!

- by persons with naturally red hair color.
- by persons, who do not tan at all or cannot tan without getting sunburn.

3.6 Warnings

- This sunlamp product should not be used on individuals who have had skin cancer or have a family history of skin cancer.
- Persons repeatedly exposed to ultraviolet sunlamp products should be regularly evaluated for skin cancer.

3.7 Foreseeable misuse

- This sunlamp product is not designed to be used by persons with reduced physical, sensory or mental abilities and/or with a lack of experience or insufficient knowledge.
- During the operation no other person shall be in the radiation range of the sunlamp product.
- Children, should be supervised to make sure that they do not use the sunlamp product as a toy.
- The irradiation of animals, especially reptiles.
- Any type of use that differs from the provisions under the chapter *Safety notes* is considered misuse.

3.8 Timer controlled operation

This sunlamp product must be operated with an external timer that is listed in compliance with UL 917. If the external timer fails, the sunlamp product is automatically switched off by an internal timer after the TE-time of the respective type of sunlamp product. The maximum tanning time must not be exceeded.



- The exposure times stated in the exposure schedule must be entered at the external timer.
- Information on how to enter the exposure time can be found in the operating instructions of your external timer.

Accessory equipment connected to the analog and digital interfaces must be certified to the respective IEC standards (i.e. IEC 60601-1 for medical equipment). Furthermore all configurations shall comply with the system standard IEC 60601-1-1.

3.9 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.

For cleaning the protective eyewear refer to chapter *Instructions on cleaning, disinfection and care*.

3.10 Freeing a trapped person

PROPER FUNCTION OF CANOPY DRIVE

Regardless of the operating state (stand by or in operation) of the tanning device, the canopy can be opened (lifted) manually from the inside or the outside easily and with very little effort, any time.

The easiest way to open the canopy is using the designated handle which is freely accessible from the inside and the outside of the device.

The canopy drive (lift) mechanism is a purely mechanical function that does not depend on electrical power.

MALFUNCTION OF CANOPY DRIVE

If, during a tanning session, a mechanical defect occurs at the canopy drive, lifting the canopy manually from the inside and from the outside is still possible at any time.

There is no mechanical interlock to prevent lifting the canopy.

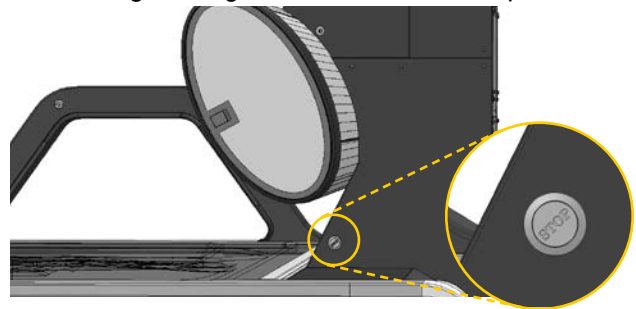
However, if the canopy drive fails, a higher effort is required to manually lift the canopy and therefore one or two persons are needed to support the opening process from the outside.

PREVENTIVE MEASURES

- Observe the maintenance instructions for the canopy drive as prescribed in chapter *Maintenance intervals*.
- Look for a quiet and smooth movement of the canopy drive. If unusual noises occur, the canopy drive must be checked by qualified, trained and authorized service technicians.

3.11 Stop - button

A stop button is located on the right-hand side of the central support arm of the tanning device, with which the running tanning session can be interrupted.



To restart tanning -> press the START key on the control panel.

4. Description of the tanning device

4.1 Standards

This tanning device is in conformity with performance standards 21 CFR 1040.20 and the standards for electro-magnetic compatibility IEC 60601-1-2:2014 and EN 60601-1-2:2015 (EMC):

EN61000-3-2; EN61000-3-3; EN60601-1-2; EN55011; EN61000-4-2; EN61000-4-3; EN61000-4-4; EN61000-4-5; EN61000-4-6; EN61000-4-8; EN61000-4-11.

According to CISPR 11 the electromagnetic emission characteristic of this tanning device is classified in Group 1 and Class A.

The emission characteristics of this device make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this device might not offer adequate protection to radio-frequency communication services. The studio operator might need to take mitigation measures, such as relocating or re-orienting the equipment.

See EMC Tables according to IEC 60601-1-2:2014 and EN 60601-1-2:2015.

If, at any point, you determine that the ESSENTIAL PERFORMANCE of the tanning device has been impaired (due to electro-magnetic interference or other causes), then terminate installation / operation and consult the factory before continuing.


Table 1

Guidance and Manufacturer's Declaration - Electromagnetic Emission		
The tanning device is intended for use in the electromagnetic environment specified below. The studio operator of the tanning device should assure that it is used in such an environment.		
Emission tests	Compliance	Electromagnetic environment - Guidance
RF emissions according to CISPR 11	Group 1	The tanning device uses RF energy exclusively for its internal FUNCTION. Therefore, its HF emissions are very low and not likely to cause any interference in nearby electronic equipment.
RF emissions according to CISPR 11	Class A	The tanning device is intended for use in facilities other than residential areas, and for facilities that are directly connected to a public low-voltage supply system that also supplies residential buildings.

Table 2

Guidance and Manufacturer's Declaration – Electromagnetic Immunity to Interference			
The tanning device is intended for use in the electromagnetic environment specified below. The studio operator of the tanning device should assure that it is used in such an environment.			
Immunity tests	IEC 60601- Test level	Compliance level	Electromagnetic environment - Guidance
Electrostatic discharge according to IEC 61000-4-2	± 8 kV contact discharge ± 15 kV air discharge	+/- 8 kV contact discharge +/- 15 kV air discharge	Floors should be made of wood or concrete or be covered with ceramic tiles. If floors are covered with synthetic material, the relative humidity needs to be at least 30 %.
Fast transient electrical disturbances/bursts according to IEC 61000-4-4	± 2 kV for power-supply lines ± 1 kV for input and output lines	± 2 kV for power-supply lines ± 1 kV for input and output lines	Mains power quality should be that of a typical industrial or hospital environment.
Surge voltages (surges) according to IEC 61000-4-5	± 1 kV differential mode voltage ± 2 kV common mode voltage	± 1 kV differential mode voltage ± 2 kV common mode voltage	Mains power quality should be that of a typical industrial or hospital environment.
Voltage dips, short interruptions and voltage variations on power-supply input lines according to IEC 61000-4-11	Dips 0% for 1 cycle 70% for 25/30 cycles Interrupts 0% for 250/300 cycles	Dips 0% for 1 cycle 70% for 25/30 cycles Interrupts 0% for 250/300 cycles	Mains power quality should be that of a typical industrial or hospital environment. If the studio operator of the tanning device requires continuous operation of the device even in the event of interruptions of the power supply, it is recommended that the tanning device is powered by an uninterrupted power supply unit.
Power-frequency (50/60 Hz) magnetic field according to IEC 61000-4-8	30 A/m	30 A/m	Power-frequency magnetic fields should be at levels characteristic of a typical location in a typical industrial or hospital environment.

Table 4

Guidance and Manufacturer's Declaration – Electromagnetic Immunity to Interference			
The tanning device is intended for use in the electromagnetic environment specified below. The studio operator of the tanning device should assure that it is used in such an environment.			
Immunity tests	IEC 60601- Test level	Compliance level	Electromagnetic environment - Guidance
			Portable and mobile RF communications equipment should be used no closer to the tanning device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Site the device a minimum of 24 inches from any other electrical / electronic devices to mitigate electro-magnetic efforts between devices
Conducted RF disturbances according to IEC 61000-4-6	3 V _{eff} 150 kHz to 80 MHz 10 V _{eff} 150 kHz to 80 MHz	3 V _{eff} 150 kHz to 80 MHz 10 V _{eff} 150 kHz to 80 MHz	Site the device a minimum of 24 inches from any other electrical / electronic devices to mitigate electro-magnetic efforts between devices
Radiated RF disturbances according to IEC 61000-4-3	10 V/m 80 MHz to 1,0 GHz 10 V/m 1,4 GHz to 2,0 GHz 10 V/m 2,0 GHz to 2,7 GHz	10 V/m 80 MHz to 1,0 GHz 10 V/m 1,4 GHz to 2,0 GHz 10 V/m 2,0 GHz to 2,7 GHz	
			Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey ^a shall be lower than the compliance level in all frequency ranges. Interference may occur in the vicinity of equipment marked with the following symbol: 
^a Field strengths from fixed transmitters, such as base stations for radio telephones and land mobile radios, amateur radio, AM and FM radio and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the tanning device is used exceeds the applicable RF compliance level above, The tanning device should be observed to verify normal operation in every location of use. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the tanning device unit.			

4.2 Components

Loft (optional) with Infinity Mirror.

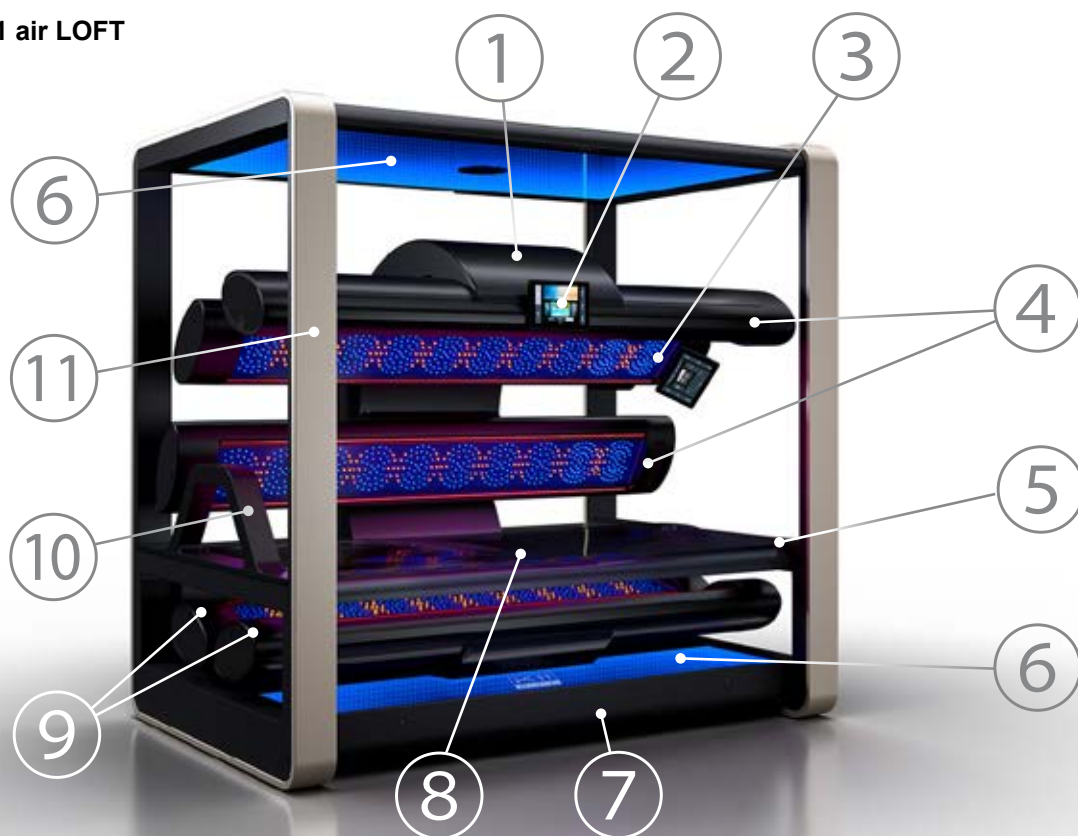
Upper section / canopy with central support arm, 3 LED tubes with integrated audio system, interior and exterior control panel.

Base unit / bed, 2 LED tubes, fans and electronics. Ventilation arch with aqua nozzles and body ventilation.

Please refer to the technical data for the exact light source equipment.


1	Central support arm
2	Exterior control panel
3	Upper section tube with interior control panel and air vents
4	LED Tubes of the upper section with integrated audio system
5	Area for wireless charging of smartphones
6	Infinity Mirror
7	Base assembly with control unit and bass speaker
8	Lower acrylic pane / bed pane
9	LED Tubes of the base unit
10	Ventilation arch with Aqua Cool nozzles
11	Loft (optional)

Example: KBL K11 air LOFT




5. Connections

5.1 Class I ME equipment

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

5.2 Connecting the mains voltage

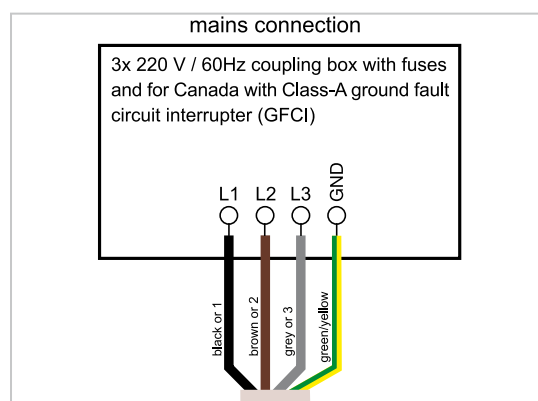
	⚠ DANGER
	Live parts Risk of death or fatal injury due to electric shock when touching live parts. <ul style="list-style-type: none"> • Switch neutral • Secure against reconnection • Check for neutrality • Ground and short-circuit • Cover or shield any adjacent live parts or components

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

CONNECTION REQUIREMENTS

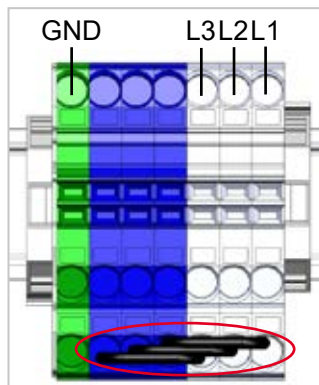
The electrical installation must be equipped with a freely accessible all-pole disconnecting device in accordance with the overvoltage category III. (Master switch with clearly marked on/off settings e.g. "O" and "I" or additional indicator light). The master

switch shall be fitted externally on the side of the tanning booth, so the operator can access it at any time, even when the tanning device is in operation. This means that for full separation each pole must have a contact gap according to the conditions of the overvoltage category III. The device shall be capable of being locked in the off-position and shall comply with IEC 60447. A supply main switch must not be incorporated in the power supply cord. A Class-A ground fault circuit interrupter (GFCI) has to be used for Canada. Should the operation of the tanning device cause any interference in the power supply network, e.g. with ripple-control systems (TRA), consult your power supply company to have corresponding blocking elements (audio frequency suppressors) installed.



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:

WIRING FOR 3-PHASE OPERATION



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

The wiring for 2-phase operation is shown below:

- Re-wire the 3 cables according to the diagram.
- Make sure that you use the right cable for the power supply.

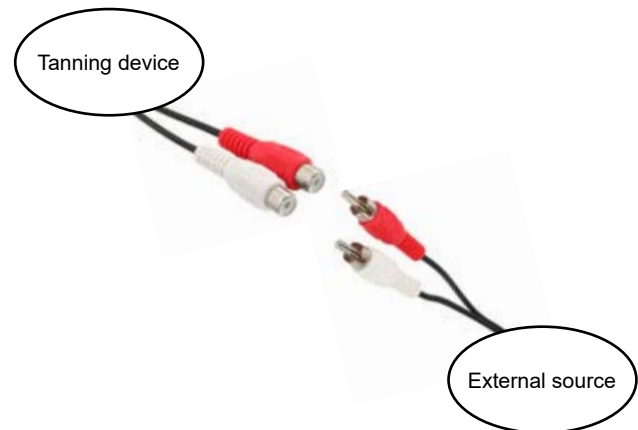
WIRING FOR 2-PHASE OPERATION



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

5.3 Connecting an external audio source

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

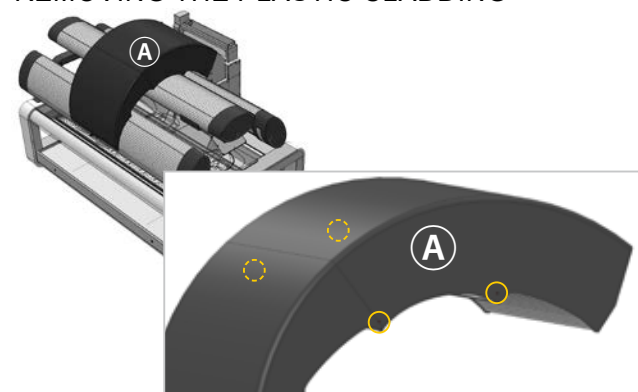


For information on further device connections, refer to your ASSEMBLY INSTRUCTION in the section "Connections & Initial operation".

5.4 Level adjustment studio music signal

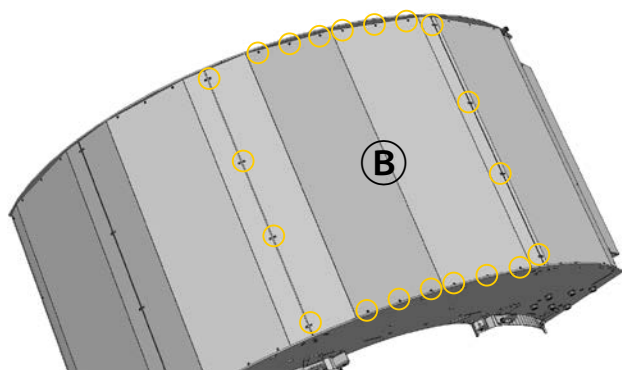
The components of the voice/audio system are installed in the central support arm. A plastic cladding and a cover plate must be removed to adjust the level.

REMOVING THE PLASTIC CLADDING



4x M4x10 (TX20)

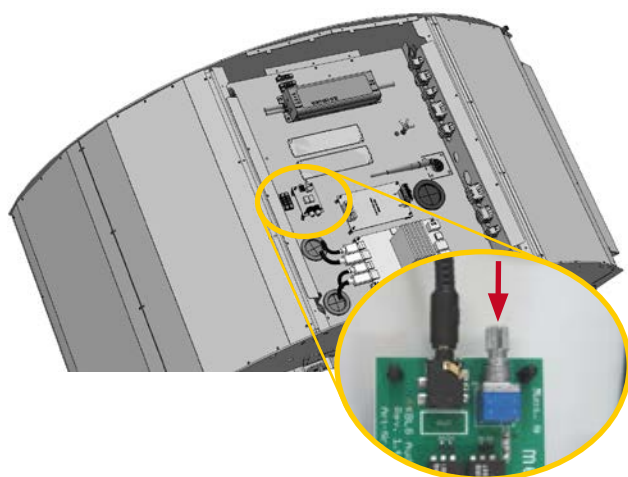
REMOVE THE COVER PLATE



Ⓑ 20x M4x10 (TX20)

LEVEL ADJUSTMENT

The level adjustment potentiometer is located on the level adjustment board. 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.



Further adjustments can be made in the service menu

5.5 Operation using different audio sources

The audio source can be preselected and changed via the interior and exterior control panel. The tanning device can be operated using the following audio sources:

INTERNAL MP3 PLAYER

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

EXTERNAL AUDIO SOURCES

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 bluetooth players such as smartphones etc.

5.6 Bluetooth® connection

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

CONNECT EXTERNAL PLAYER

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



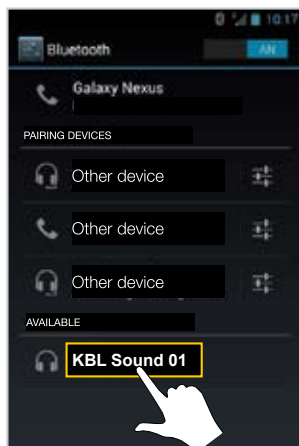
Make sure that you are within the reception area (about 2 meters).

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

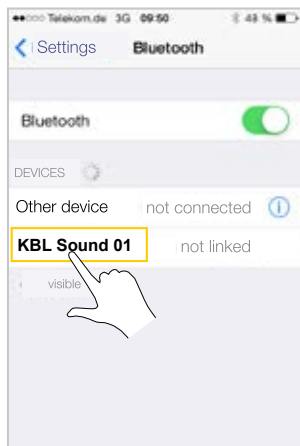
- Depending on your settings the search will be performed automatically or manually. All available Bluetooth devices within reach will be listed after a short time.

- Select the desired tanning device from the available tanning devices. The designations for your tanning devices can be freely assigned in the service menu.
- If necessary, confirm the shown code and connect again. Not every smart phone asks for a code.

Example - Samsung Galaxy

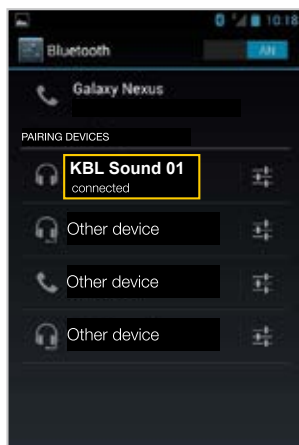


Example - Apple iPhone

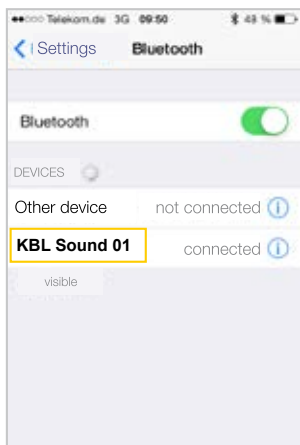


- A two-time beep indicates that your player is connected to the tanning device.

Example - Samsung Galaxy



Example - Apple iPhone



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

DISCONNECT EXTERNAL PLAYER

An existing connection is disconnected automatically after tanning.

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

COMPATIBILITY OF BLUETOOTH DEVICES

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

CORRECTIVE ACTION

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

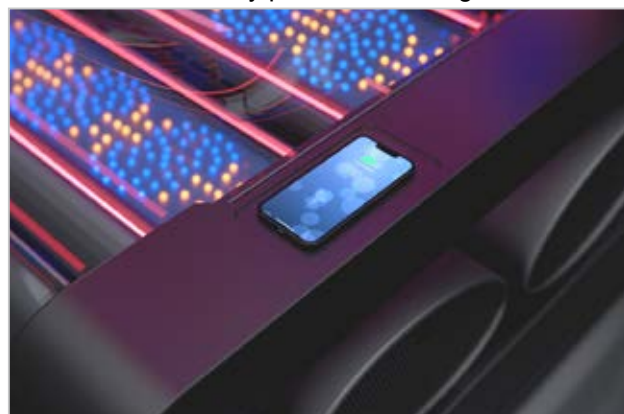
Start the bluetooth device detection again.



The Bluetooth function must be activated in the service menu.

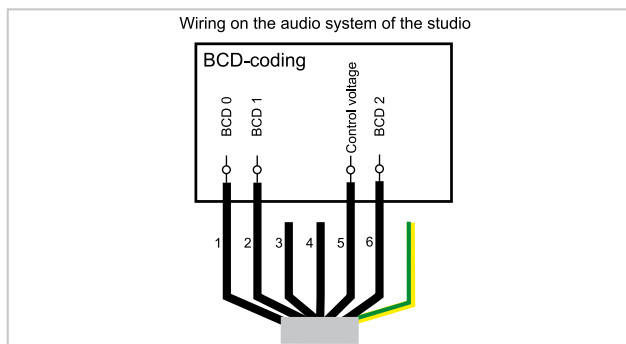
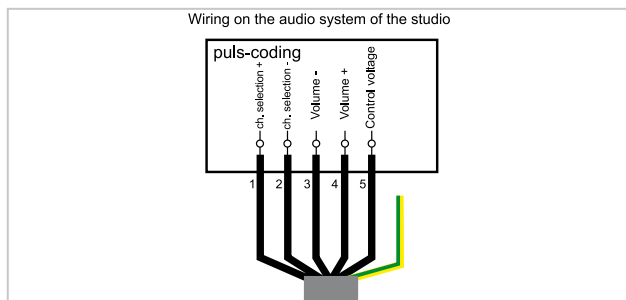
5.7 Wireless charging

A charging station for wireless charging is integrated in the right base of the tanning device. Suitable devices can be easily placed and charged here.



5.8 Connecting the channel selection

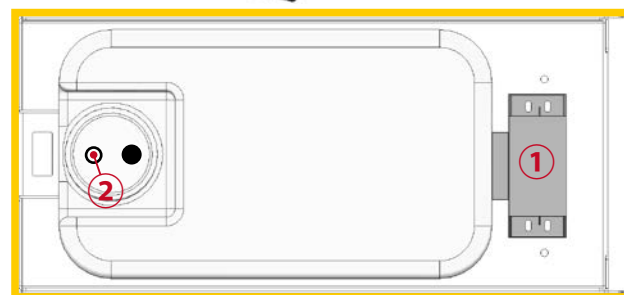
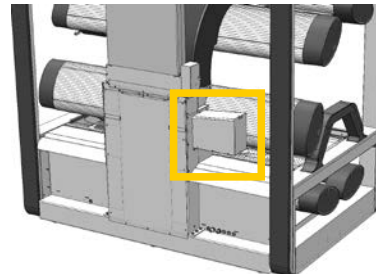
The following diagrams show the wiring of the channel selection on the audio equipment's side, for pulse coding as well as for BCD coding.



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

5.9 Aqua Cool connections

The Aqua Cool box is equipped with a liquid-level sensor ① as well as with a connection to the Aqua Cool canister ②.

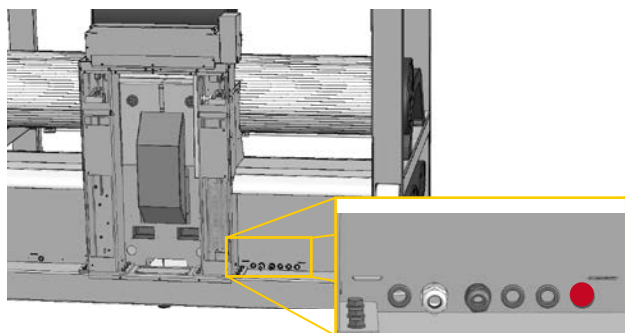


- | | |
|---|-------------------------------------|
| 1 | Connector (liquid-level monitoring) |
| 2 | Connection to Aqua Cool canister |

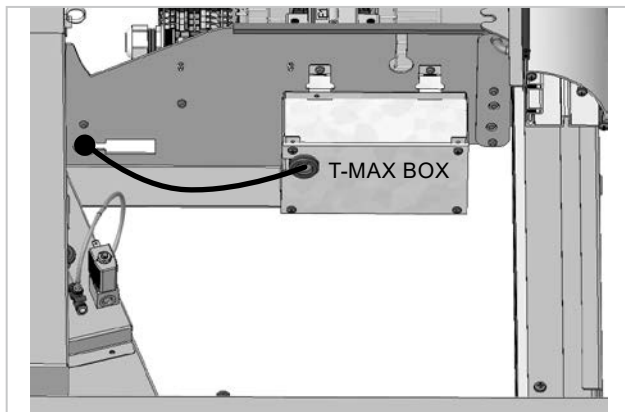
5.10 Connecting the external timer

Lead the external connector cable of the T-Max timer from the main connection plate through to the T-Max box.

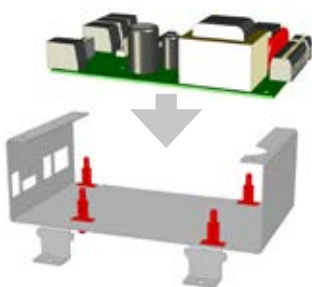
T-MAX CABLE ENTRY AT THE MAIN CONNECTION PLATE (EXTERNAL CONNECTOR CABLE)



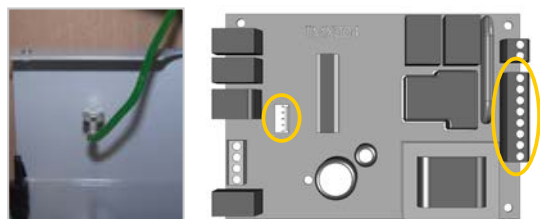
POSITION T-MAX BOX



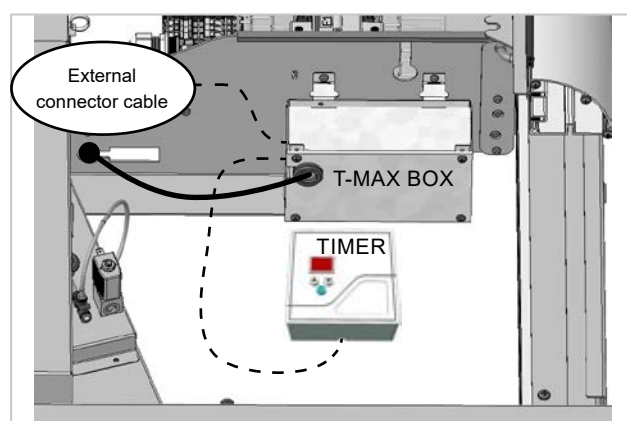
- Remove the cover from the T-Max box.
- Insert the T-Max board to the socket pins of the box.



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



- Attach the cover of the T-Max box.
- Place T-Max timer near to the T-Max box.



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



- The exposure times stated in the exposure schedule must be entered at the external timer.
- Information on how to enter the exposure time can be found in the operating instructions of your external timer.

6. 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 device:

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.

- Determine the pre settings for the tanning device in the service menu.
- Store these Operating Instructions in a place that allows for easy access at any time.

6.1 Operating modes

STANDBY MODE

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

TANNING MODE

The UV LED lights are switched on and a tanning session is in progress. While the tanning device is in tanning mode, the settings for the ongoing tanning session can be changed via the interior control panel.

SERVICE MODE

In the service mode, the tanning 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.

7. Tanning instructions

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.

7.1 Instructions for the user

Observe the following tanning instructions.

GENERAL

- Only individuals described in chapter *Intended use* and not listed in chapter *contraindications* may use the tanning 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 tanning device) 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.
- It cannot generally be assumed that the use of a tanning device reduces the risk of getting a sunburn.

DANGER OF ULTRAVIOLET RADIATION

- 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.


- Do not expose yourself to UV radiation if you take medicine that increase the sensitivity to ultraviolet radiation, e.g. antibiotics, sulfonamides, psychiatric drugs, tranquilizers, antidiabetes treatments and diuretics and/or sun creams which contain psorale or coumarin may increase skin sensitivity. When in doubt, seek medical advice.
- Seek medical advice if persistent swellings or skin sores develop or pigmented moles change in appearance.
- As with natural sunlight, overexposure may cause eye injury and sunburn;
- A person with a history of skin problems should consult a physician before using the tanning device;
- Overexposure must be avoided;
- Children, elderly, or fair skinned people who always burn easily and either never tan or barely tan shall not use this tanning device.
- Remove cosmetics before tanning and do not use any sunscreen or products that accelerate tanning. For tanning, the skin should have been thoroughly cleaned and dry.

DANGER OF LONG-TERM CONSEQUENCES

Exposure to ultraviolet radiation may increase the likelihood of developing skin cancer and cause serious eye injury.

You do not need to become tan to make Vitamin D.


- Overexposure is to be avoided.
- The elderly people should not use this tanning device.
- Children shall not use this tanning device.
- While there is no immediate clinical evidence of UVA exposure and its effects upon pregnant woman, it is strongly advised that pregnant woman be discouraged from using the tanning device.




If in doubt seek for medical advice!

FOR EACH TANNING SESSION

- Remove cosmetics before the session and do not use any sunscreen.
- Allow for at least 24 hours to pass between sessions.
- After a tanning session in a studio, do not take another sunbath out of doors on the same day.
- Always wear the supplied protective goggles.

 **WARNING**



Excessive dose of UV radiation

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 might form.

- Inform users to use the supplied protective goggles that block UV rays.

Failure to use protective eyewear may result in severe burns or other eye injury. If discomfort develops discontinue use and consult a physician!

7.2 Exposure schedule


Please refer to the following tables for learning the individually applicable tanning times that depend on the skin type.

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

The interval between two tanning sessions must be at least 24 hours.


- KBL K11 AIR AND KBL K11 AIR LOFT


		Week 1 1st - 3rd Sessions	Week 2 4th - 6th Sessions	Week 3 7th - 10th Sessions	Week 4 11th - 15th Sessions	Subse- quent Ses- sions
SKIN TYPE	I	NOT ADVISED				
	II	2	3	5	7	10
	III	2	4	5	9	10
	IV	2	4	6	10	10
	V	2	4	6	10	10
Maximum exposure is 10 minutes						



- The exposure times stated in this exposure schedule must be entered at the external timer.
- Information on how to enter the exposure time can be found in the operating instructions of your external timer.

8. Tanning mode


 **WARNING**



Excessive dose of UV radiation

Excessively prolonged tanning sessions may cause severe damage to skin and eyes.

- Never operate the tanning device with a defective timer.
- Observe the tanning times given in the tanning schedule.



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

Depending on the configuration of the tanning device, different functions are available for you to make your choice.

Your choice remains stored for 3 minutes.

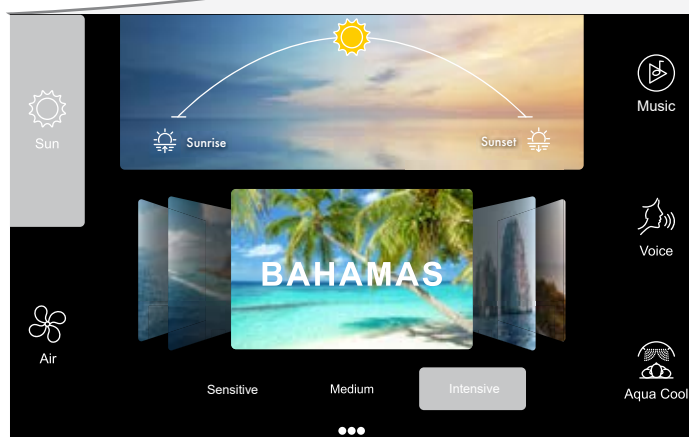
If you do not start your tanning session within this time, the system is reset to the default settings defined in the service menu.



8.1 Preselection






Before starting your tanning session, the exterior control panel allows you to choose certain tanning options in advance.

Simply select your preferences and enjoy your tanning session from the very beginning.








PRESELECTION OPTIONS

	Sun - SUNFINITY settings	
	Musik - audio source preselection	
	Voice	on / off
	Air (Ventilation)	Level 1 2 3 / off
	Aqua Cool	Level 1 2 3 / off

SYMBOLSTATUS (EXAMPLE)

	Active options.
	Option not available.
	Option deactivated in the service menu or inoperable.



- During the fan run-on the preselection menu is blocked.
- The default settings of the preselection menu can be determined in the service menu.
- In this instruction, the preselection menu is shown in the color variation "dark mode". Further color variations are adjustable in the service menu.

SUN (SUNFINITY LED TECHNOLOGY)

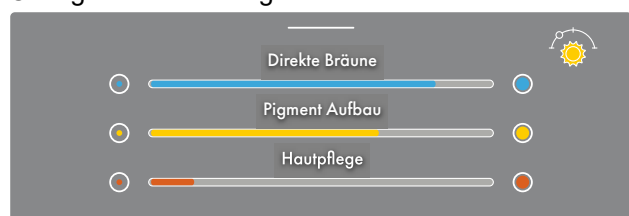
SunControl - Variable



Stepless adjustment of the configuration of the sunlight via slider operation. Variable between sunrise and sunset.

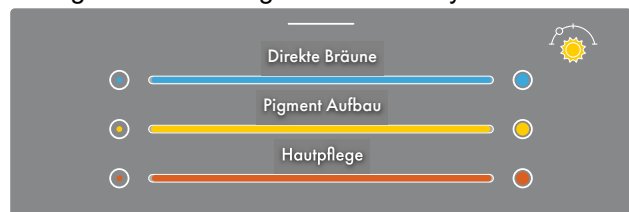
Sunrise

Configuration of sunlight at sunrise.



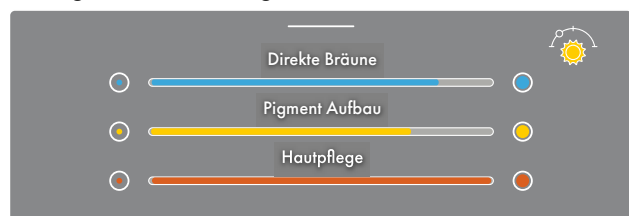
Midday sun

Configuration of sunlight in the midday sun.



Sunset

Configuration of sunlight at sunset.



SunControl - Location



Location-dependent direct selection. The configuration of the sunlight depends on the location selected.

Direct selection of the tanning level



Optimum tanning conditions are achieved by targeted influencing of the UV output.

Use the three buttons SENSITIVE, MEDIUM and INTENSIVE to choose your desired preset

SENSITIVE

This setting enables gentle tanning and achieves a balanced tanning effect in the long term.

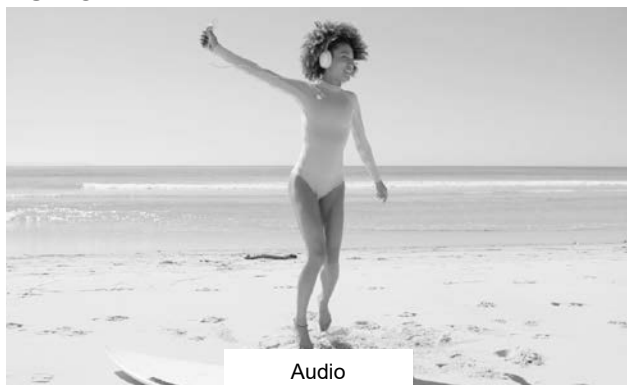
MEDIUM

Setting for a somewhat faster tanning success.

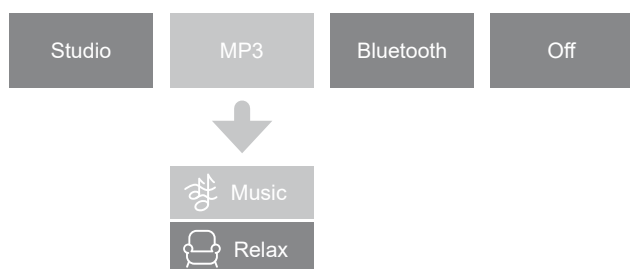
INTENSIVE

Setting for the maximum available power for a quick and intensive tan.

AUDIO



Audio



Audio source preselection

You can preselect one out of three different audio sources.

During the tanning session, you can change the audio source any time via the interior control panel.

STUDIO

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

MP3 -> MUSIK / RELAX

During the tanning session, you will listen to the tracks played by the internal MP3 player of the tanning device.

You can choose between music tracks and relaxing sounds.

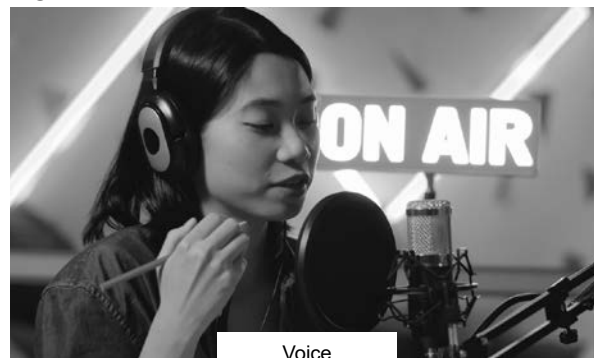
BLUETOOTH

Use your own bluetooth player (smartphone etc.).

OFF

Music off.

VOICE



Voice



Switches the voice guidance on or off.

AIRCON

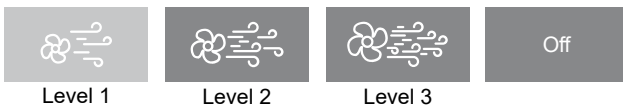


Aircon



Switches the air-conditioning unit on or off.

AIR



LEVEL 1 - 2 - 3

Select air level.

OFF

Air off.

AQUA COOL



LEVEL 1 - 2 - 3

Select intensity of the Aqua Cool spray.

OFF

Aqua Cool off.

8.2 Starting the tanning session

The tanning session automatically starts after the external timer controlled delay time has expired.

START

During the preset delay time the tanning session can be started anytime manually using the START button.

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

REMARKS:

- 10 seconds after your last input, the interior control panel switches over to the display of the basic functions.
- Inactive or not available functions are greyed out.
- The interior control panel is displayed in black and white during the tanning session.
- The centered information line shows the current music track / relaxing sound playing.

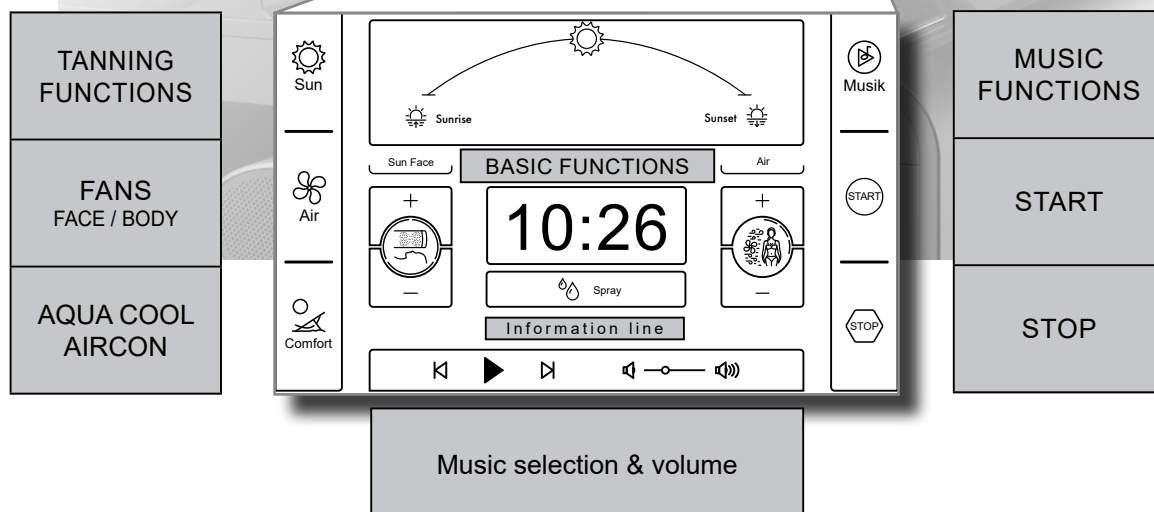
8.3 Stopping the tanning session

STOP

The tanning session can be interrupted / stopped at anytime by pressing the STOP button.

8.4 Operation during the tanning session

You can control the functions of the tanning device via the interior control panel during the tanning session.



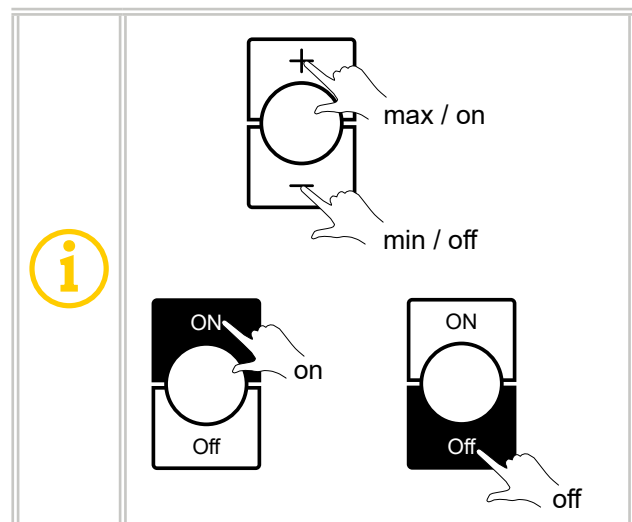
8.5 Control elements & functions

Many functions can be changed during the tanning session via the interior control panel.

You can switch them on or off and change settings.

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

CONTROL ELEMENTS



ICON STATUS (EXAMPLE)

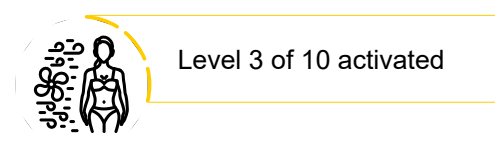


Active function.



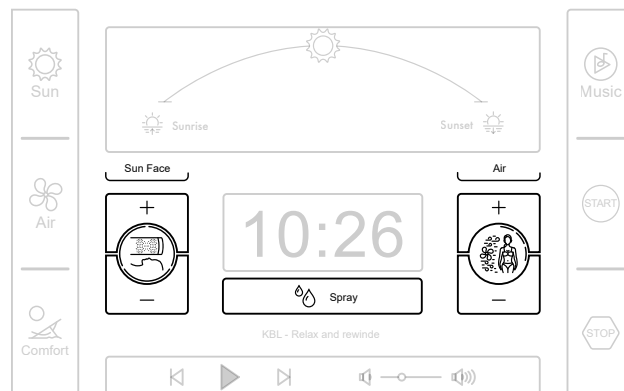
Inactive Function (grey)
Function not available, deactivated in the service menu or inoperable.

VISUALIZATION OF THE CURRENT SETTING (EXAMPLE)

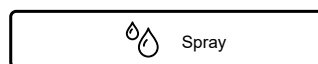


BASIC FUNCTIONS

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



AQUA COOL - DIRECT



Manual start of an Aqua Cool spray phase.

BODY FAN

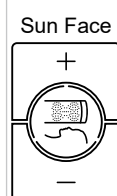


The body fan is automatically controlled by ACS. As soon as you press one of the fan buttons, the automatic mode is interrupted.

The face and body areas of the ventilation are changed in parallel.

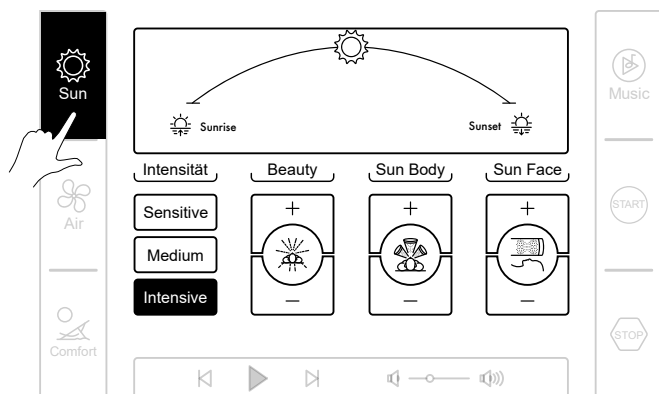


FACIAL TANNER

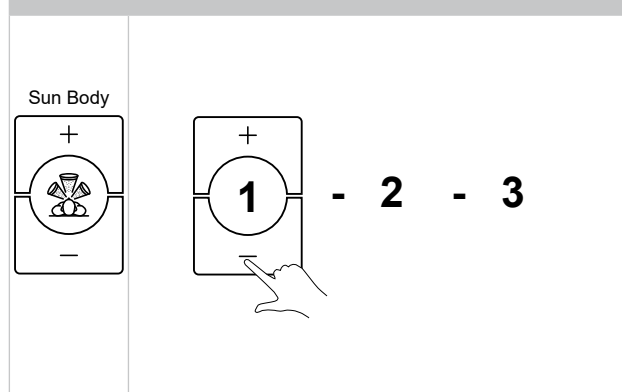


Information regarding the tanning functions can be found in the following chapters.

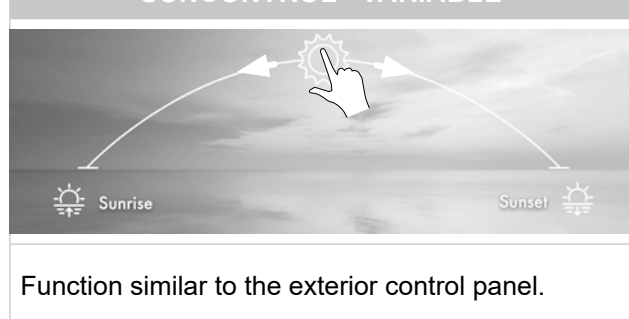
TANNING FUNCTIONS



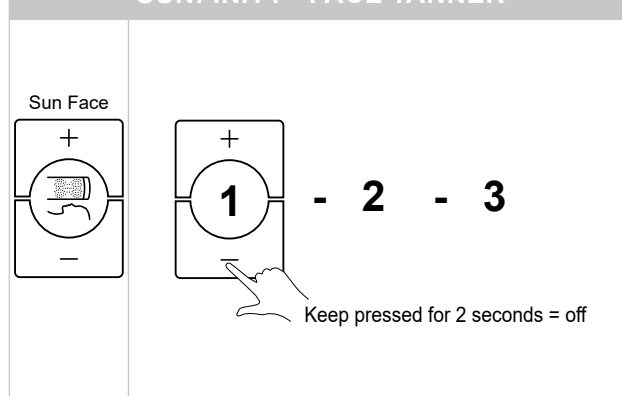
SUNFINITY - BODY TANNER



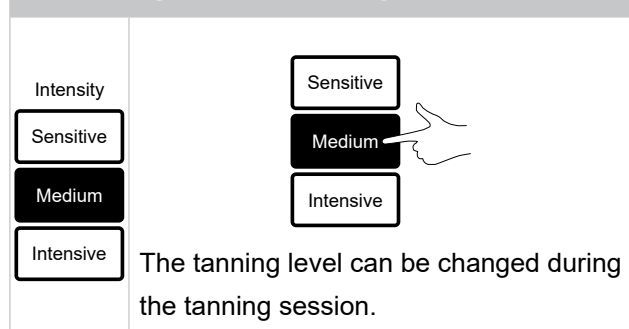
SUNCONTROL - VARIABLE



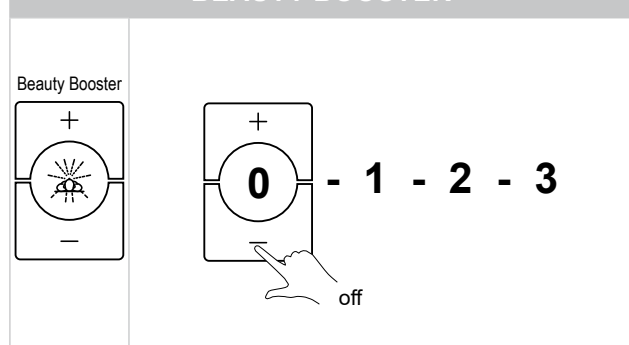
SUNFINITY - FACE TANNER



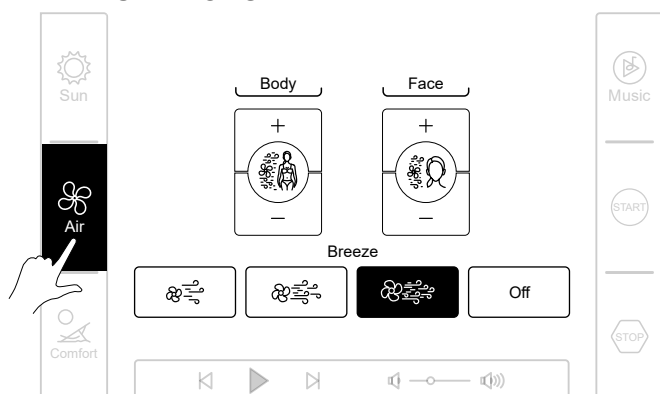
SWITCH TANNING LEVEL



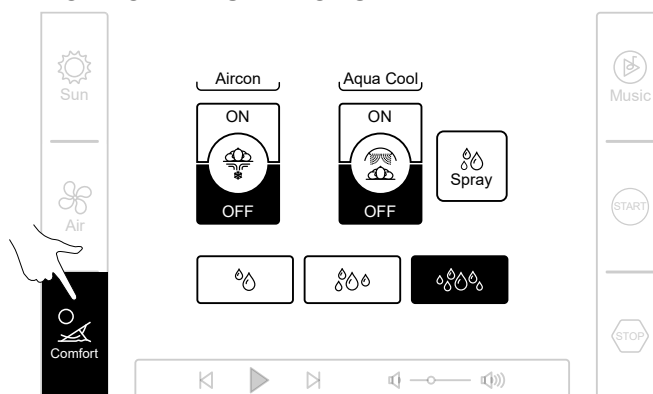
BEAUTY BOOSTER



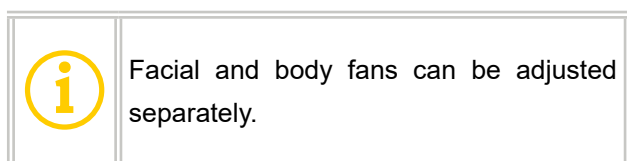
AIR FUNCTIONS



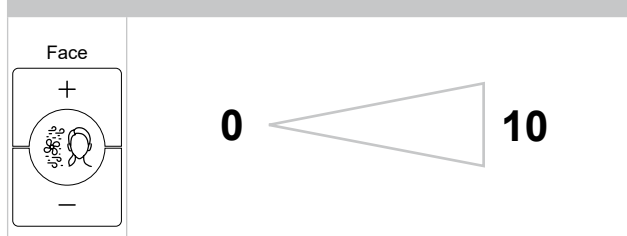
COMFORT - FUNCTIONS



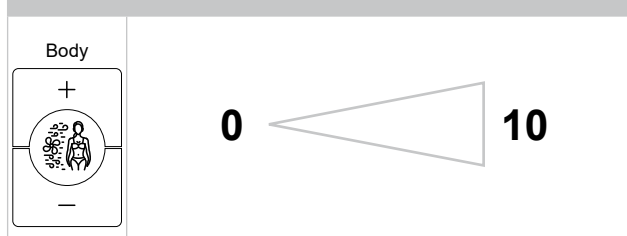
FAN LEVELS



FAN - FACIAL AREA



FAN - BODY AREA



AQUA COOL

on / off

An ongoing spraying process cannot be stopped. If the Aqua Cool supply is running low, a corresponding message is displayed on both control panels. After the message has appeared for the first time, the Aqua Cool supply will last for approximately another 2.5 hours of operation. If the system has run out of Aqua Cool liquid, the Aqua Cool function is deactivated automatically.

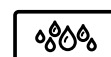
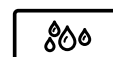
Aqua Cool is automatically reactivated as soon as a full canister has been connected.

Intensity

Low

Medium

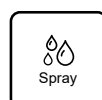
High



Aqua Cool



AQUA COOL - DIRECT



Inactive



Activ

Manual start of an Aqua Cool spray phase. Depending on the setting made in the service menu.

AIRCONDITIONING

Aircon

ON

OFF

on / off

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 the blocking time has elapsed. If the condensate canister is full, a corresponding message is displayed on both control panels.

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

AUDIO FUNCTIONS

Sun

Air

Comfort

Studio or Web radio

MP3

Bluetooth AUS

Voice

ON

OFF

Music

START

STOP

Artist - sun is life

⏮
▶
⏭
🔊

CHANNEL & TRACKS

⏮
▶
⏭
🔊

Switch music tracks or studio channels.	Volume control.
-----------------------------------------	-----------------

VOICE GUIDE

Voice

ON

OFF

on / off

SELECT AUDIO SOURCE



Either "Studio" or "Webradio" can be used. To use "Studio", "Web radio" must be deactivated in the service menu.

Studio

This function is used to play the studio music. If the Studio function has been activated, you can browse through the channels, provided that more than one channel is available.

Web radio

Streaming services can be used via this function. If web radio is activated, the streaming service preset in the service menu is played. The track selection control can be used to switch between the individual services. The prerequisite for this is that more than one streaming service is stored in the service menu.

SD / MP3

This function is used to play the tracks of the internal MP3 player of the tanning device.

If the MP3 internal function has been activated, you can browse through the individual tracks.

You can choose between music tracks and relaxing sounds.

Bluetooth

You can use this function to access a smartphone via Bluetooth.

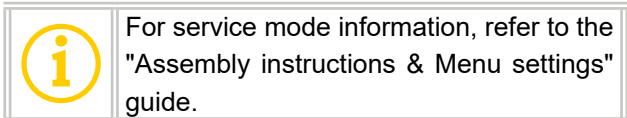
If "Bluetooth" is activated, you can switch between the individual tracks using the track selection control.

The tracks can also be selected by using the corresponding controls on the smartphone.

9. Standby mode

While the tanning device is in standby mode, you can switch the music and decorative lighting of the tanning device on and off and trigger an Aqua Cool spraying test (1 spraying cycle).

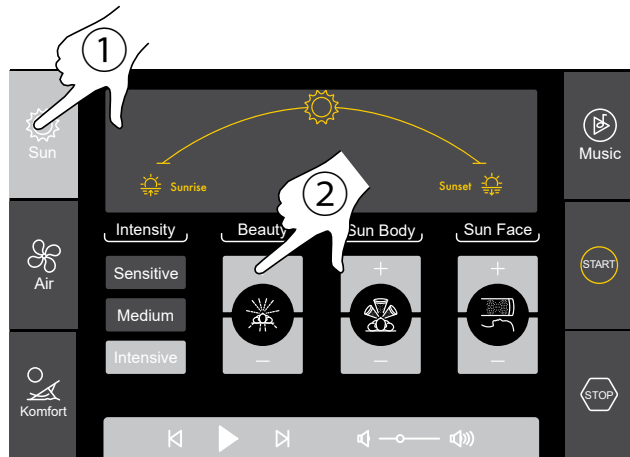
9.1 Service mode



9.2 beautyBooster in standby mode

In standby mode beautyBoosters operate as decorative lighting with minimum power. In order to test or demonstrate the three different levels, lighting can be selected and activated via the interior control panel. After 10 seconds beautyBoosters automatically switch back to the decorative lighting level.

INTERIOR CONTROL PANEL



9.3 Set decorative lighting

For information on selecting the lighting programs and setting options, refer to the "Assembly instructions & Menu settings" guide.

9.4 Standby functions

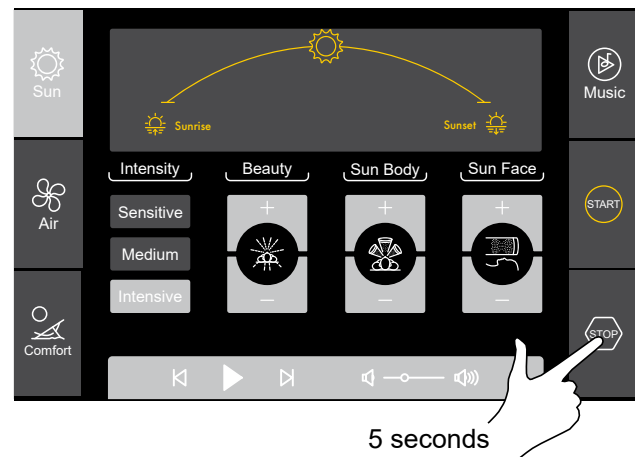
Press the three dots on the exterior control panel or the STOP button on the interior control panel until the service menu start window appears.

For settings in standby mode, the external timer must be off.

ACTIVATION ON THE EXTERIOR CONTROL PANEL

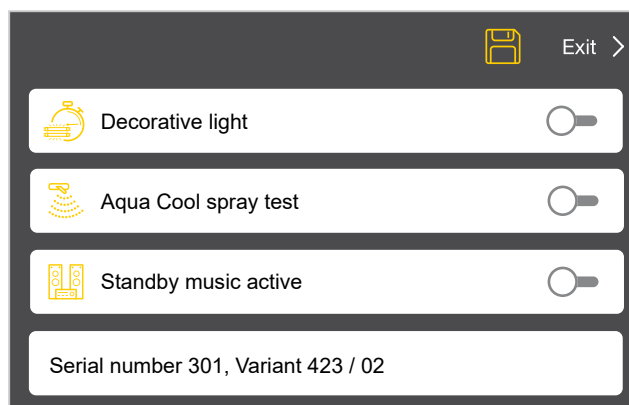


ACTIVATION ON THE INTERIOR CONTROL PANEL



5 seconds

STANDBY FUNCTIONS



Decorative light on / off.

AquaCool spray test.

Standby music on / off.

Information section with current unit data

- Unit serial number
- X-Code (variant code)



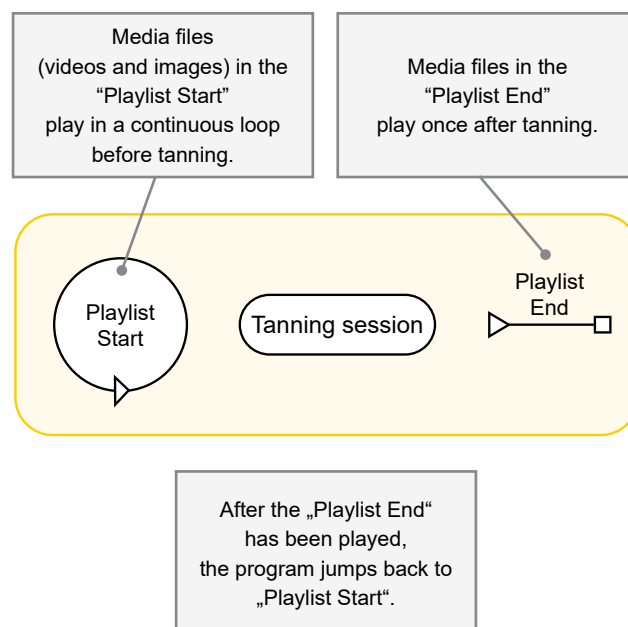
- The switching times of the decorative lighting can be set in the service menu individually for each day of the week. Two independent switching phases are available for each day of the week.
- The function „Standby music active“ must be activated in the service menu.
- For service mode information, refer to the "Assembly instructions & Menu settings" guide.

9.5 Video function

Videos and images can be displayed on the exterior control panel in standby mode.

Playlists

- Two different playlists (Playlist Start & Playlist End) are available for before and after the tanning session.
- The user can add videos or images to these playlists, delete them, or change their play sequence.
- Tap the touch screen to return to the menu at any time.



For service mode information, refer to the "Assembly instructions & Menu settings" guide.

10. Maintenance and cleaning

Regular maintenance as shown in chapter *Maintenance intervals* is required for the safe operation of the tanning device and must be documented.

- The current operating hours of the tanning device and its parts requiring maintenance, may be displayed in the service menu. Please refer to chapter "Service menu" in the assembly instructions.
- Cleaning and disinfection operations are carried out in accordance with the cleaning and disinfection plan.
- Maintenance work may only be carried out by qualified, trained and authorized service technicians.
- Do not reach behind covers and do not open the tanning device with the device switched on.



- Use OEM spare parts of the same type only! The use of other parts will void the manufacturer's warranty!
- In case of damage or injury proven to be the result of the use of non-genuine spare parts any liability is excluded.
- Replace Light sources only with the ones that are characterized on the tanning device. The use of other light sources will void the operating license!

WARNING



Injuries and damage caused by improper or insufficient maintenance

Maintenance and care play a major role for the tanning devices performance and appearance over its useful life. Diligent compliance at the specified intervals is absolutely necessary to ensure the proper operation of your tanning device. Improper maintenance can cause the tanning device to be damaged or to become unusable. Always comply with the specified maintenance intervals. Refer to the following information given in this chapter.

- Please note that the tanning device must be inspected regularly by an authorized KBL representative every 12 months from the date of the last inspection to maintain its proper condition.
- If the tanning device is in use for longer than 10 years, it must be completely overhauled by qualified, trained and authorized service technicians.
- If the tanning device has not been used for a longer period of time, then it must first be inspected by qualified, trained and authorized service technicians before being put back into operation.

MAINTENANCE DOCUMENTATION

- Establish an accurate record-keeping system for the maintenance reports.
- Ensure that all maintenance periods have been fully complied with and documented as described in chapter „Maintenance intervals“ in the operating instructions.

DISCONNECT MAINS VOLTAGE

	⚠ DANGER
	<p>Live parts</p> <p>Risk of death or fatal injury due to electric shock when touching live parts.</p> <ul style="list-style-type: none"> • Switch neutral • Secure against reconnection • Check for neutrality • Ground and short-circuit • Cover or shield any adjacent live parts or components

- Before carrying out any maintenance work, the tanning device must be disconnected from the mains voltage. That means that all live cables must be switched off. Switching off the tanning device alone is insufficient, as certain points may remain energized. Therefore, switch off fuses before performing any work and – if possible – remove them.

ADDITIONAL PROTECTIVE MEASURES

Accidental reactivation may result in serious accidents. After deenergizing, immediately secure all switches and fuses used for deenergizing against being switched on again.

- Unscrew circuit breakers.

Where circuit breakers cannot be unscrewed, a strip of adhesive tape can be applied over the actuation lever with the wording:

DANGER - DO NOT SWITCH

A sign with the text:

<p>WORK IN PROGRESS</p> <p>Place:</p> <p>Sign may only be removed by:</p>

must always and immediately be securely mounted.


- It is essential that you, the owner, and / or the studio operator check all components for signs of wear that can occur during normal use.

- After completing the work, refit all safety devices (e.g. switches).


CLEANING MESSAGE

After completion of a tanning session, the message appears at the exterior control panel:

"Please clean device! Press OK-button when finished."

	The message can be turned on or off in the service menu.
-----------------------------------------------------------------------------------	----------------------------------------------------------

LED LIGHT SYSTEMS


	In the case of a defect, replacement can only be made by qualified and authorized service technicians. Contact your service partner.
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10.1 Instructions on cleaning, disinfection and care

GENERAL INSTRUCTIONS

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



	<ul style="list-style-type: none"> • Do not use concentrated disinfectant, solvent or alcoholic liquids. • Cleaning fluid and/or disinfectant must not run into the tanning device.
-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

APPLICATION

These symbols have the following meaning.

Apply the cleaning agent on the chamois or cloth and not directly on the surface.



CLEANING AND DISINFECTION

WARNING

Risk of Infection.

Risk of Infection by transferring through skin contact.

- **After each tanning session the tanning device must be cleaned and disinfected with a cleaning and disinfectant agent.**
- Use only EPA registered quaternary ammonium germicidal based detergent solution (follow product label for use-dilution), such as Lucasol One Step, to clean and disinfect the tanning device and its components.
- For thorough cleaning and disinfection, the product must be allowed to remain in contact with the surface being cleaned and disinfected for a specified amount of time. This specified amount of time depends on the cleaner/disinfectant which is used. Follow the directions for use of the cleaner/disinfectant. After this specified application time remove remaining cleaner/disinfectant from the surfaces of the tanning device. Use a single-pass paper towel.
- If the device is determined not to be visually clean at the end of the cleaning step, the relevant previous cleaning steps must be repeated so that a visibly soiled device is not used again. Removal of residual soil ensures the effectiveness of the disinfection process and reduces the risk of infection to users of the device.



ADDITIONAL CLEANING ACTIVITIES

WARNING



These cleaning works must be carried out by qualified, trained and authorized service technicians.

Every 6 months

Make sure that the inside and outside of the tanning device is cleaned and free from dust, fluff or objects.



Inadequate cleaning leads to overheating. As a result, this can lead to damage the tanning device!



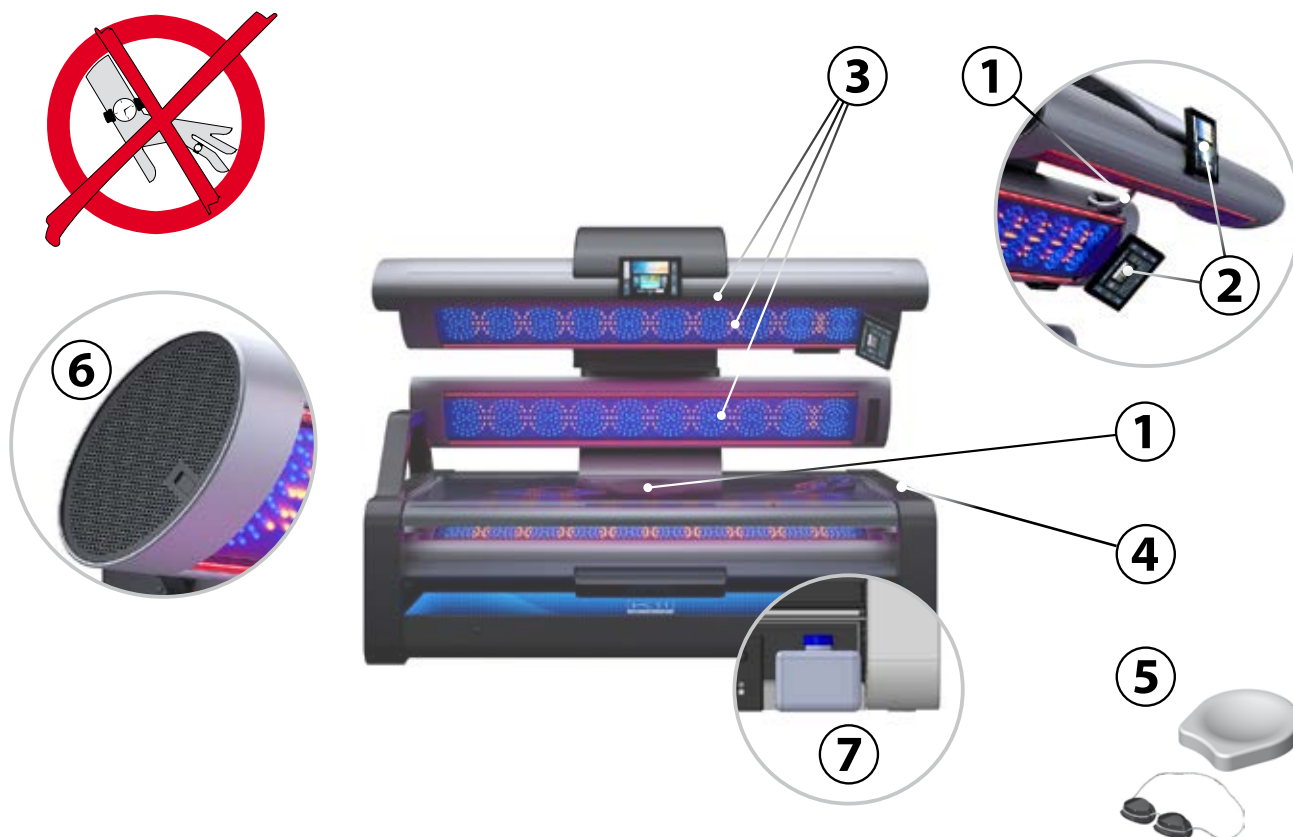
Signs of electrical overstress



Check the cables and connections on signs of electrical overstress.

- **Discoloration**
- **Deformations**
- **Melting**
- **Blisters on the housing**

The affected components shall be replaced immediately! Use only OEM spare parts.

CLEANING AND DISINFECTION PLAN



	Part	Application	Cleaning and disinfection activities	Interval
①	Lower acrylic pane & Handle in upper section	Directly on the surface	<p>Clean these parts with single-pass paper towels. Use only EPA registered quaternary ammonium germicidal based detergent solution (follow product label for use-dilution), such as Lucasol One Step, to clean and disinfect the tanning device and its components.</p> <p>For thorough cleaning and disinfection, the product must be allowed to remain in contact with the surface being cleaned and disinfected for a specified amount of time. This specified amount of time depends on the cleaner/disinfectant which is used. Follow the directions for use of the cleaner/disinfectant. After this specified application time remove remaining cleaner/disinfectant from the surfaces of the tanning device.</p>	After each session
②	Control panels			
③	Panes of LED tubes in the upper section			
④	Smartphone placement area			
⑤	Protective goggle and neck pillow			
		 		
⑥	Filter inserts in the end caps of the LED tubes (2 per tube)	-	Remove the inserts and rinse out under running water.	100 operating hours
⑦	Condensate canister	-	Empty the condensate canister if a corresponding message is displayed at the interior control panel.	-
	Chromed parts	-	Clean with a damp chamois and a cleaning agent for acrylic plastic (antistatic).	When required
	Plastic surfaces and varnished surfaces	-	Clean with a damp soapy cloth. Never clean with a dry cloth!	When required

10.2 Maintenance intervals

MAINTENANCE PLAN





Component	500 h / 6 months	1500 h / 1 Year	2000 h / 1 Year	10000 h / 4 Years	10000 h / 10 Years	Activity
Lower acrylic pane (bed)	X					Inspect and replace as necessary
		X				Replace
Acrylic panes (others)	X					Inspect and replace as necessary
			X			Replace
Springs of the canopy drive			X			Inspect and replace as necessary
				X		Replace
Chassis and associated fasteners			X			Inspect and replace as necessary
					X	Replace
Wiring and associated plugs / terminal connections			X			Inspect and replace as necessary
					X	Replace
Contactors		X				Inspect and replace as necessary
					X	Replace
Aqua Cool filter			X			Replace

Component	After approx. 200 operating hours	After approx. 500 operating hours	After approx. 1000 operating hours	After approx. 3000 operating hours	Activity
Air hoses		X			Inspect and replace as necessary
Air-conditioning unit		X			Clean the heat exchangers and check the condensate pump.
Aqua Cool nozzles	X				Inspect and replace as necessary
			X		Replace


Component	Activity
Aqua Cool canister	Replace as soon as the corresponding message appears. Replace if expired.

Additional or recurring inspections	
Every 6 months cleaning service	Make sure that the inside and outside of the tanning device is cleaned and free from dust, fluff or objects. See chapter -> Additional cleaning activities.
Every 12 months inspection	Please note that the tanning device must be inspected regularly by a KBL authorized representative every 12 months (from date of installation) to maintain its proper condition!.
10 Years inspection	If the tanning device is in use for longer than 10 years / 10000h, it must be completely overhauled by qualified, trained and authorized service technicians.
On start up	If the tanning device has not been used for a longer period of time, then it must first be inspected by qualified, trained and authorized service technicians before being put back into operation.

10.3 Tools and aids

	Hexagon socket screwdriver (SW 4 / 60 mm)
	Standard Phillips screwdriver (PH2)
	Finally acknowledge a process by pressing the OK button.
	Number of qualified, trained and authorized service technician required for this maintenance task.

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

	If you open the service panel in the base unit, you must, after closing, acknowledge a warning message.
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10.4 LED light sources


In the case of a defect, replacement can only be made by qualified and authorized service technicians. Contact your service partner.

10.5 Filter cartridges

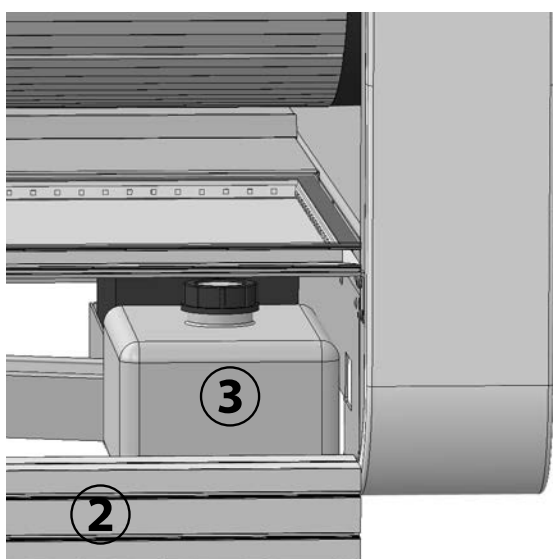
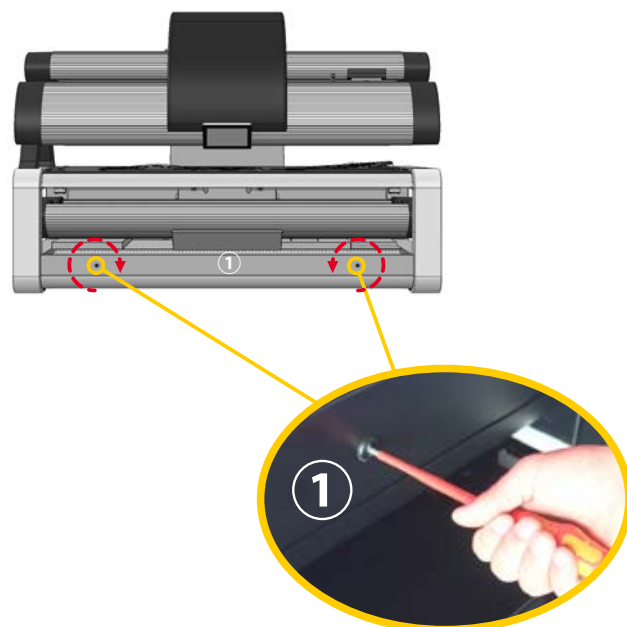
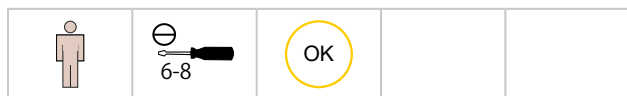


The cooling air for the tanning device is filtered. The device is equipped with filter cartridges in the end caps of the LED tubes and continuous-service filter inserts. Therefore, purchase and replacement of conventional filter pads are not required. Clean the filter inserts after approx. 100 hours of operation, depending on the local circumstances. Vacuum the filter inserts or use a dishwasher.




	<ul style="list-style-type: none"> • Install the filter inserts with the retaining clips faced outwards. • The filter inserts must be dry when installed.
-------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

10.6 Condensate canister




- ① Remove the cover plate.
- ② Fold down the aluminum profile.
- ③ Remove and empty the canister.

 The canister is easier to remove if you carefully lift the Infinity Mirror slightly on the right-hand side.

10.7 Aqua Cool



⚠ WARNING



Risk of infections

- Function of nozzles impaired.

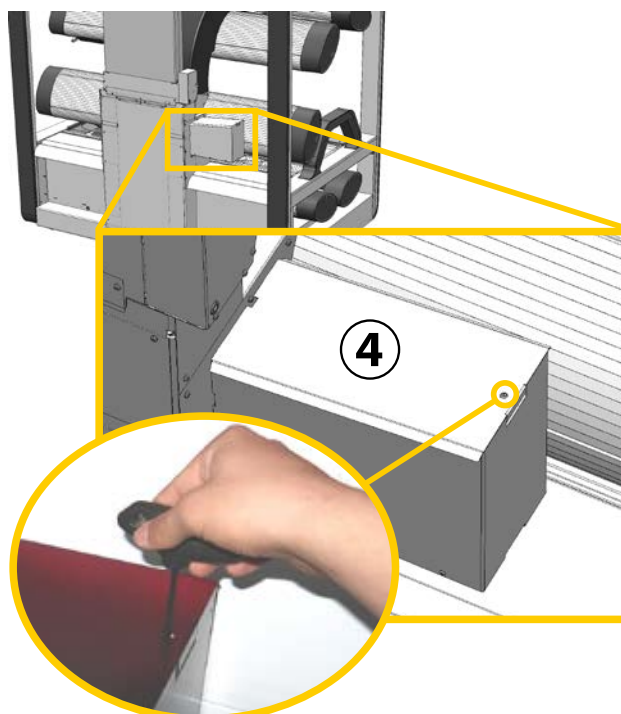
Do not use any agents other than Aqua Cool supplied by KBL.

REPLACING THE AQUACOOOL CANISTER

- If the fluid level drops to a minimum, a message appears.
- If the Aqua Cool canister is empty, corresponding messages are displayed, and Aqua Cool switches off



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



- ④ Open the cover of the Aqua Cool box.



⑤	Unscrew the lid with the hose from the container.
	Keep the hose end including the lid in a clean plastic bag while replacing the canister.
⑥	Replace the canister.
⇒	Start Aqua Cool initialization (service menu).

11. System messages

ERROR MESSAGES			
All error messages must be acknowledged with the OK button!			
No.	Status message	Description	Remedy
004	Mains frequency off limit. Safety shutdown!	A deviation was detected in the mains frequency. Device has been switched off for safety reasons.	Restart the control unit. Contact service after the third unsuccessful restart.
008	The maximum tanning time is exceeded	Coin-box system contact longer than the value enabled under maximum tanning time (voltage applied).	Disconnect from the coin-box system.
013	Air outlet overtemperature. Please check the ventilation system.	Air outlet overtemperature.	Let the tanning device cool down. Check fan freewheeling. Check the ventilation system in the air outlet.
044	Connection error control board	No response from CAN-BUS Receiver.	Check / replace patch cable.
046	Connection error EC fan board		
047	Auxiliary AC-fan control board could not be started		
051	Stop switch is activated. Start of tanning not possible.	Emergency stop button (right side cap) is activated or jammed.	Deactivate the emergency stop button or check the function.
054	Connection error AC fan board	No response from CAN-BUS Receiver.	Check / replace patch cable.
055	Control board could not be started	Defect of the control board.	Contact your customer service.

INFORMATION MESSAGES

All information messages must be acknowledged with the **OK** button!

No.	Information message	Description	Remedy
034	Aqua Cool liquid container is almost empty. Please replace.	The content of the Aqua Cool canister is still sufficient for a few operating hours.	Replace the empty Aqua Cool canister with a full one. Do not replace Aqua Cool with any other liquid. See chapter: Aroma- and Aqua Cool.
036	Condensate container is full. Please discharge.	Condensate canister of air-conditioning unit full.	Empty the condensate canister.
039	SD card unavailable. No user data can be stored.	No access to the SD card in the computer board.	Check SD card and replace if necessary.
048	Invalid code	Access code to the service menu not correct.	Enter correct access code.
049	Software update failed. Please check the log messages.	Software update failed. No new software could be uploaded.	Check USB stick / Internet connection.
055	Control board could not be started	Defect of the control board.	Contact your customer service.



If the remedial measures described here are unsuccessful, contact your service partner.

12. Technical data

Ambient conditions		
Installation site	<ul style="list-style-type: none"> • In dry rooms (booths) with sufficient airing and ventilation • Maximum relative air humidity: ≤ 70 % • Maximum room temperature: ≤ 86°F (30°C) 	<ul style="list-style-type: none"> • Minimum height of room: K11 air (~ 95,87") / K11 air LOFT (~ 112,21") • Only on a non-combustible basement • Maximum operating altitude: ≤ 6500 ft
Weights and measures		
	K11 air	K11 air (LOFT)
Dimensions in inches (Height x width x depth)	62,21 x 90,55 x 57,17 (closed) 76,38 x 90,55 x 55,55 (open)	87,8 x 90,55 x 59,45
Bed pane max. load capacity	330 lbs	330 lbs
Weight	ca. 1643 lbs (with air conditioning)	ca. 1907 lbs (with air conditioning)
Exhaust air mode		
	K11 air	K11 air (LOFT)
Fan / blower	Air outlet socket: Ø 300 (~11,81") Height (top edge): 2130 mm (~83,86") Minimum air outlet flow rate: 2250m³/h (594400 gal/hour)	Air outlet socket: Ø 300 (~11,81") Height (top edge): 2545 mm (~100,2") Minimum air outlet flow rate: 2250m³/h (594400 gal/hour)
Air outlet duct hose	Ø 300 mm (~11,81")	Ø 300 mm (~11,81")
Electrical connection values		
Protective class	IP20	
Mains voltage	3-phase operation: 220 V / 3~ / 60 Hz / 2-phase operation: 220 V / 2~ / 60 Hz	
Wire cross section	3-phase operation: 4 x AWG10 / 2-phase operation: 3 x AWG8 THHN cable in a isolation tubing (e.g. flexible metallic conduit, utilizing appropriate connectors)	
Circuit breakers	3-phase operation: 3 x 25 A / 2-phase operation: 2 x 35 A For Canada, all tanning devices must be equipped with a Class-A ground fault circuit interrupter (GFCI).	
MP3 Player	<ul style="list-style-type: none"> • Supports SDHC and SDXC Micro-SD-Cards • Supported file system (SD-Card): FAT32 	

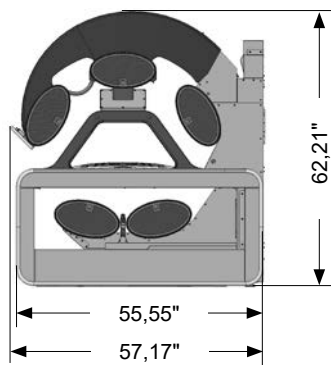
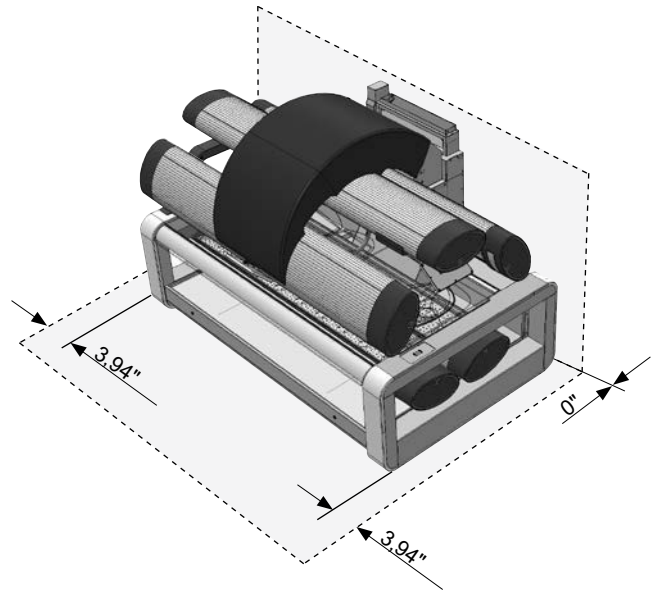
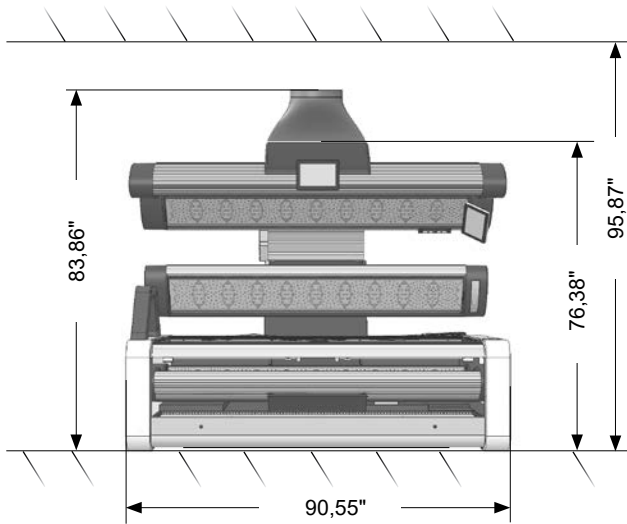
Unit data: KBL K11 air & K11 air LOFT

Version according to type plate		Item no
LED light source (body)	44x SunFinity Body (UV-A)	3230355412
	42x SunFinity Body (UV-B)	3230355413
LED light source (face)	6x SunFinity Facial (UV-A)	3230355414
	3x SunFinity Facial (UV-B)	3230355415
Nominal power	With air conditioning: 6950W Without air conditioning: 6500W	

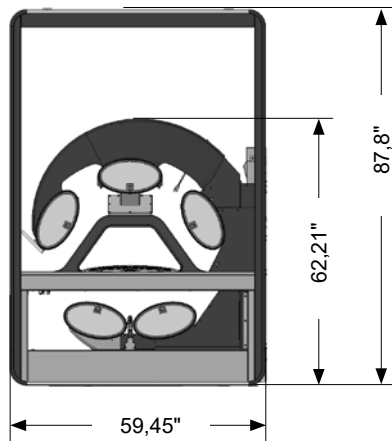
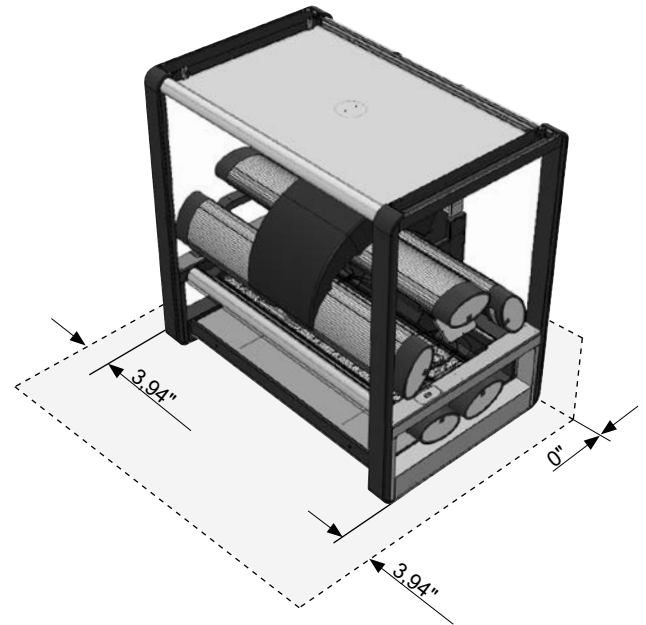
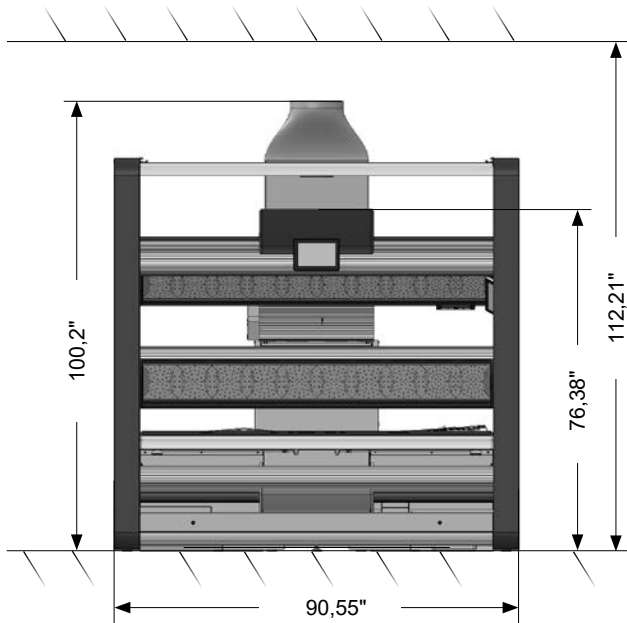
Version according to type plate		Item no
LED light source (body)	44x SunFinity Body (UV-A)	3230355412
	42x SunFinity Body N8 (UV-B)	3230355421
LED light source (face)	6x SunFinity Facial (UV-A)	3230355414
	3x SunFinity Facial N8 (UV-B)	3230355424
Nominal power	With air conditioning: 6950W Without air conditioning: 6500W	

12.1 Dimensions and distances

K11 AIR



K11 AIR LOFT



13. IMPLIED WARRANTY



1. **WARRANTY** - Laundries unlimited of Indiana, Inc., dba Tanning Supplies unlimited (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 device ("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; Acrylics, 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 1-877.307.8434 (toll free) or 317.217.1700 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 EXPRESSED 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 may 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
Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited.
1504 Sadlier Circle South Drive;
Indianapolis; IN 46239, U.S.A.
11. **SPARE AND REPLACEMENT PARTS.** Original Equipment Manufacturer's (OEM) lamps and replacement parts are available by direct order. To order, call 1-877.307.8434 (toll free) or 317.217.1700. Please have Credit Card information available when calling or write to:

Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited.
1504 Sadlier Circle South Drive;
Indianapolis; IN 46239, U.S.A.

14. WARRANTY CARD



KBL



warranty card	Company Name/Contact:	
Delivery Address	Street: _____ City, State: _____ Zip Code: _____ Phone: _____	
Model	K11 <input type="radio"/> air <input type="radio"/> air LOFT	
Serial #		
Aqua Cool	<input type="radio"/> Yes	<input type="radio"/> No
Exhaust air system	<input type="radio"/> Air outlet duct <input type="radio"/> Air outlet duct hose (300mm, white, length 3m, 2 hose clamps)	
Mains voltage	<input type="radio"/> 3-phase	<input type="radio"/> 2-phase
Date of Install		
Installer Name and Address		
Voltages	L1/L2 _____ L2/L3 _____ L3/L1 _____	
Remarks		

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





The Beauty & Health Company



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