

# megaSun<sup>®</sup>

by KBL



## Quick User's Guide

### megaSun 7900

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For software versions:

- without easyCare: KBL4\_64.exe
- with easyCare: KBL4\_ec\_35.exe



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



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# 1. General Safety Instructions

Please observe the following safety instructions:

<b>Tanning times</b>	Please keep to the recommended tanning times see
<b>Timer</b>	<b>The apparatuses may only be operated with safety timers which comply with the corresponding standards.</b> KBL-Solarien AG recommends the following timer: megaTimer KBL-Article No. 9100025000.
<b>Facial tanner</b>	Do not operate the sun bed if a filter pane is defective.  <b>Attention! High light intensity, do not look into the radiators!</b>
<b>Cleaning</b>	Do not use any cleaning agents other than the ones approved by KBL Solarien AG

# 2. Operation during the tanning session

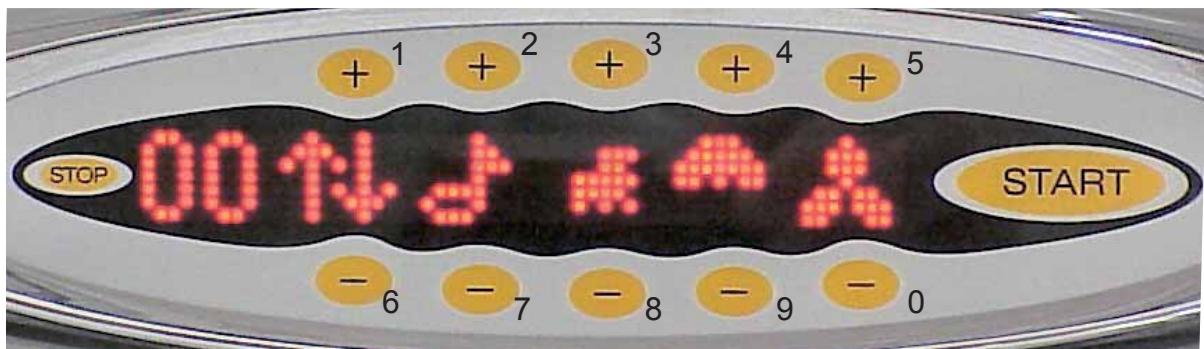
<b>General information</b>	When switching the apparatus on, the following information is displayed for 2 seconds before the running text appears:
	Firmware version of the display 
	Version of the control software 
	Sun bed type 
	Tube type 
	Running text The start of the tanning program depends on the studio control system. If a simple coin-operated system has been installed, the tanning program is started by inserting coins or tokens. When the warm-up time has elapsed the tanning lamps are turned on automatically.

If the touch key “Start” is pressed during this warm-up time, the lamps turn on immediately.

The facial tanners are always switched on only after a certain delay.

Some of the basic features are set in service level I, such as colour-stimulation, aroma therapy, time control etc. Studio staff will set these options according to the customers’ wishes.

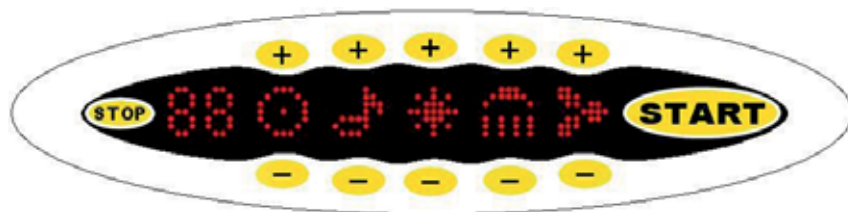
## 2.1 Operating panel



Illustr. 2-1

### Operating panel w/o aquaCool

The operating panel with aquaCool shows between the keys 3 ...8 a moving symbol (animation). If aquaCool is not present, the symbol for the air conditioning will be displayed instead of the aquaColl symbol.



### Main display

The running text is displayed as long as the sunbed is in the „waiting position“. When the coin-controlled signal appears, the functions are displayed and the sunbed can be operated by touching the corresponding keys. Any input will be confirmed by a beep tone.



A function is switched on by pressing the plus sensor, which is also used to increase the output stepwise. To set the maximum value (e.g. fan speed) the sensor field has to be pressed again and again until the maximum value has been reached.



A function is switched off by pressing the minus sensor, which is also used to decrease the output step by step. To set the minimum value (e.g. volume) the sensor field has to be pressed again and again until the desired value has been reached.

## 2.2 Functions

**START**

You can use this touch key to switch the apparatus on during the warm-up time.

If the tanning session has been interrupted by means of the „Stop“ key, it can be continued after touching the „Start“ key once again, provided the coin-operated counter has not run down yet.

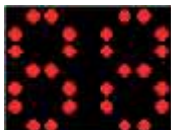
The numerical display shows the tanning time.

When the tanning time is over, the running text will appear again

**STOP**

By pressing this touch field for at least 2 seconds you can terminate the tanning session prematurely.

**Running time**



During the tanning program the running time is displayed in this field.

When adjusting the volume, the value set between 0 ... 99 % will be displayed in this field for a short time.

When adjusting the fan speed, the value set between 20...99 % will be displayed in this field for a short time

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**End of the tanning session**

As soon as the tanning time is over a program to shut down the sun bed will be started:

- a soft voice reminds you of the end of the tanning session and says good-bye,
- burners, tubes and the ventilation system will be reduced step by step,
- the LEDs (in apparatuses with activeColor) will shine in the colour adjusted for another 20 seconds.

**Extended menu**



These double arrows point to some more menus which can be activated by pressing the „+“ or „-“ keys. The following menus are available which will be explained in more detail below:

**Music channel /  
Air-conditioning /  
Colour stimulation**



**Aroma**



**Acoustic user  
guidance**



By calling up these additional menu functions you can see which functions are activated after switching on the apparatus (=1). Special customer requests can be pre-selected in the service menu (see Section 8.3ff.)

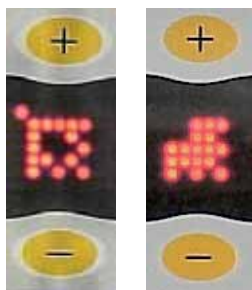
**Volume**



You can adjust the volume of the music by touching the „+“ and „-“ keys. The volume will be displayed in the numerical field as a value between 0 – 99 %.

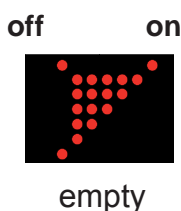
Press the corresponding sensor key

**aquaCool**



Here you can activate the aquaCool water-atomisation function (plus button, symbol flashes) or deactivate it (minus button, symbol does not flash). Default setting at start: as defined on service level I in the AAC/Aqua menu.

- If the aquaCool supply is running low, the message Aqua low is shown on the display between the tanning sessions. When the message appears for the first time, the aquaCool supply will last approx. another 2.5 hours of operation with aquaCool.
- If the aquaCool supply is empty, the message Aqua 0% appears and the symbol is crossed out. If the system is to be used without aquaCool, you can switch off the messages and the symbol. For this purpose, set the submenu Aqua to “OFF”. To reach this menu, proceed to the AAC menu on service level II.



## Facial tanners

Level II Once the tanning program has been started, the facial tanners are switched on automatically at maximum setting.

Level I To reduce the output to level I, use the field “-”.

Level 0 To switch off the facial tanners completely, touch the “-” field again for at least 3 seconds.

By touching the “+” field you can switch the facial tanners on again or you can increase their output.

When the system has been switched off, there will be a time lag before you can switch it on again due to the necessary cooling of the burners.

## Body fan



The power of the body fan can be increased or reduced by steps of 10 % by touching the fields „+“ or „-“.

After being switched on, the fan starts running at the power-level value that has been entered for ACS/A.START on level II of the service menu.

When changing the value, the current setting is displayed as a two-digit number between “20%” (minimum) and “99%” (maximum) in the numerical field for a short time.

In order to switch off the body fan completely, press the “-” field several times until the value of 20% appears. Then press the “-” field once again and keep the key pressed for 0.5 seconds. After a short time lag the body fan is then switched off.

The body fan can be switched on again at any time simply by touching the “+” field.

### 2.2.1 First sub-menu



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## Channel selection



With the help of this system you can choose the audio source, e.g. change the CD or go to the next piece of music (MP3).

The MP3-player is equipped with a 256MB-chip, which can take the volume of the 3 music CDs.

The MP3-player is designed in such a way that you only have to change the chip for the music. As an optional feature, the music of the MP3-player can be turned on during the tanning breaks.

Tip: The music of the MP3-unit can only be controlled by one





*Channel selection, continued*

audio source, i.e. either by the chip of the MP3-player or by an external music source.

The choose of an other music source may be done by a BCD coded signal. It is possible to select up to 4 different sources.

**Air-conditioning**



By pressing the „+“ or „-“ keys you can switch the air-conditioning on or off during the tanning session. Once the air-conditioning has been switched off, it can only be switched on again after an interval of 3 minutes. A small star is displayed to confirm this.

If the request to switch on the system is made earlier, it will be registered (big star) and when the interval of 3 minutes is over it will be executed automatically.

**Exception:**

**In case that the system has been switched off by means of the coin-controlled system, it can be switched on again immediately.**

**Note please: You will find this menu here, if there is no aquaCool.**

**Colour stimulation**



You can only switch on one colour. The colour of the colour stimulation can be selected by means of the „+“ or „-“ key.

48 power LEDs of each colour (R red, G green and B blue) are mounted in the canopy of the tanning bed.

## 2.2.2 Other sub-menus

### Aroma



The „aroma“ function can be switched on by means of the „+“ key above “0” and switched off by the „ - “ key below „1“. The display flashes a signal when the function is not activated. KBL can offer 2 aroma fragrances: „Sunrise“ and „Daydream“. The apparatus holds only one fragrance which can be changed very easily, however.

The fragrance is combined with a gel. Please note that the gel is not completely used up but a small rest will remain. This status is shown on the display so that the operator knows when to change the gel.

The fragrance comes out at the foot of the bed. The air stream leads the fragrance over the body to the face so that it can be perceived intensively.

aroma and aquaCool are activated one after the other (aroma – aquaCool – aroma) and start again and again in an interval of 1 minute.

Note: pureAir and aroma exclude each other. As long as aroma is given off pureAir will be switched off.

### megaVoice



The „Voice“ function can be switched on by means of the „+“ key above “0” and switched off by the „ - “ key below „1“. The display flashes a signal when the function is not activated. megaVoice informs the customer in a simple and short way about the operating functions of the sunbed. If requested, megaVoice can be switched off by the customer during the tanning session.

### pureAir

**The „pureAir“ function cannot be switched on or off by keys.**

**Note:** pureAir and aroma exclude each other. As long as aroma is given off, pureAir is switched off. During the tanning session, nozzles at the foot of the bed produce cleared, ionized air which is led over the whole body. Here as well, the air is led from the foot of the bed over the whole body thus reducing tanning odours.



Ionizer for the pureAir function is mounted in the foot.

## 23 Tips for the studio operator

### Daily checks and basic settings

Please make sure

- that the tank for the condensed water is checked and emptied every day
- that materials which have been used up are refilled (8.4) and
- that the settings which can be executed in the service levels (see 8.3) of operation, e.g. colour-stimulation, aroma, time controls etc. are made.

**Please observe Section 2 of the Service Plan.**

### Illumination after use



The illumination (decorative) may be switched on or off if the timer signal is not active by pressing the key sequence „+“ ... „-“ ... „+“ of the body fan.

You have to press the individual buttons within a period of 1 sec. Please also bear in mind the possibility of defining two different illumination cycles for each day of the week (see 8.2 Service level I).

### Error message „Abluft“ (exhaust air)

This error message is shown in the display and can be acknowledged by pressing the „Stop“ key. But before doing so, service people should repair the defect. Possible reasons of this message can be:

- the temperature in the apparatus is too high or
- the exhaust vent system is defective

For more information see 8.5

