



KBL



PRODUCT LINE



Design by
STUDIO F·A·PORSCHE

TECHNICAL DOCUMENTATION

MENU SETTINGS



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ORIGINAL INSTRUCTIONS - MENU SETTINGS

Version: TD-MS-P9-5018-en-us

Date: November 2020

Item no: 0100036710

Tanning device name [tech.]: 5018

MANUFACTURER

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DISTRIBUTED BY (CONTACT)

Specified in operating instructions

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1. General information

1.1 About these instructions

This manual is intended for use by

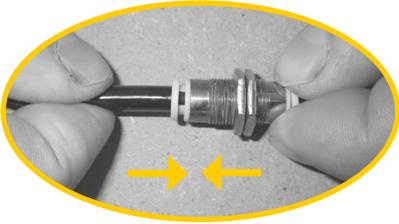
- studio operator.
- qualified, trained and authorized service technicians.

Any person handling, mounting or servicing this tanning device must have read and understood these instructions. This manual describes tanning devices equipped with the maximum number of features. Keep this manual ready to hand at all times.

1.2 Safety signs

	This symbol indicates that general hazards exist for the human health.
	This symbol indicates that due to electrical tensions hazards exist to the human health.
	This symbol indicates that due to falling loads hazards exist to the human health.
	This symbol indicates the danger of pinching. When assembling heavy components, you can pinch your fingers or hands.
	This symbol indicates the danger of burns from hot lamps and housing parts. If the tanning device was operated before being opened, lamps and housing parts may be hot.

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

	<p>Danger due to leakages.</p> <p>The tanning device can be damaged by leaking connections.</p> <ul style="list-style-type: none"> • Slide the plastic tube up to the stop into the quick connector socket. 
---	--

1.2.1 IMPORTANT INFORMATION

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

1.3 Signal words

 DANGER	<ul style="list-style-type: none"> • Death or serious injury is imminent.
 WARNING	<ul style="list-style-type: none"> • Death or serious injury is possible.
 CAUTION	<ul style="list-style-type: none"> • Moderate or minor injury is possible.

1.4 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.

QUALIFIED, TRAINED AND AUTHORIZED SERVICE TECHNICIAN

Qualified and safety-trained specialist personnel of the manufacturer, or an outside company trained and authorized by the manufacturer for the installation and maintenance of KBL tanning devices.

1.5.2 OTHER MODES OF TRANSPORT

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

1.5 Transport

	 WARNING
	<p>Overturning load 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.

1.5.1 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.
---	---

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.

2. Safety notes

2.1 General safety notes

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

	<ul style="list-style-type: none"> • The bed must only be opened with bed pane folded down. • The canopy is not designed to carry additional loads. In particular, during installation the canopy must not be charged with additional loads.
---	--

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.

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

	 DANGER
<p>Live parts</p> <p>Danger of life 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 	

	 CAUTION
<p>Hot device parts</p> <p>Danger of burns from hot lamps and housing parts. If the tanning device was operated before being opened, lamps and housing parts may be hot.</p> <ul style="list-style-type: none"> • Wait until the tanning device has cooled down. 	

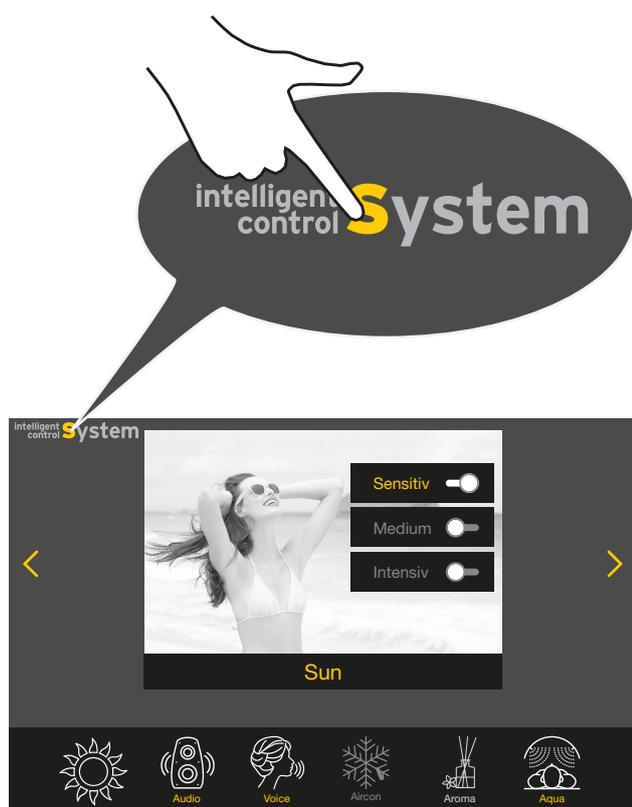
	 CAUTION
<p>Danger of pinching</p> <p>When assembling heavy components, you can pinch your fingers or hands.</p> <ul style="list-style-type: none"> • Wear assembly gloves. • Be careful when handling heavy components. 	

3. Service mode

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

3.1 Call up service menu start window

 Press the **logo** until the service menu start window appears.

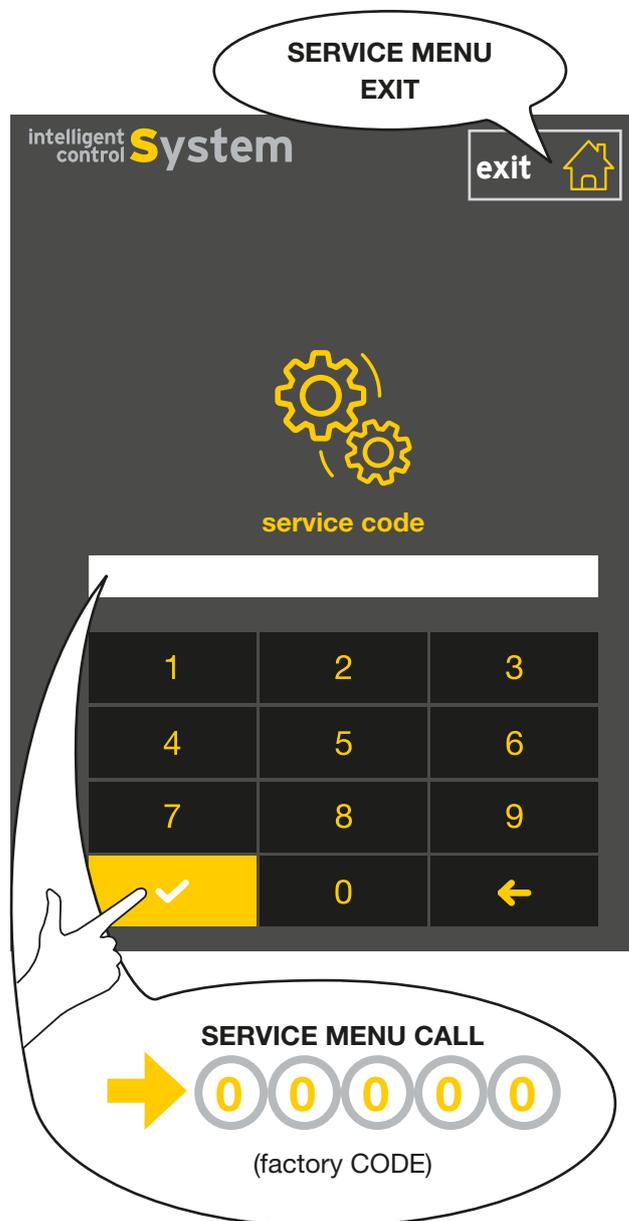


3.2 Service menu - Start window

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

There is one additional condition that must be fulfilled:

- No incoming signal from the coin-box system.



3.3 Service menu - Basics

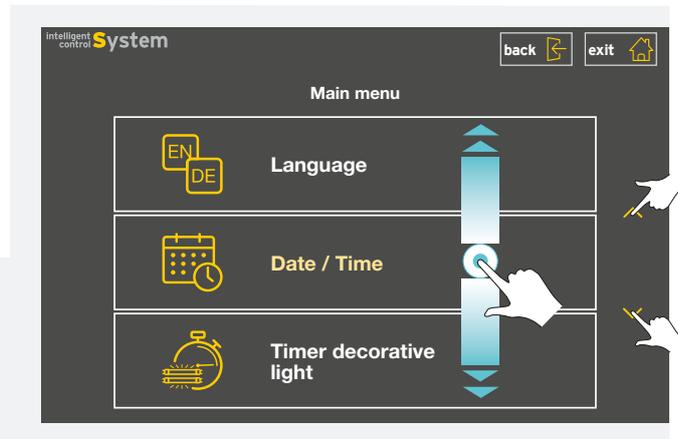
The service menu is divided into the main menu and the function menu.

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

3.3.1 MAIN MENU

Quick navigation through the main group function bars using swipe gesture control.

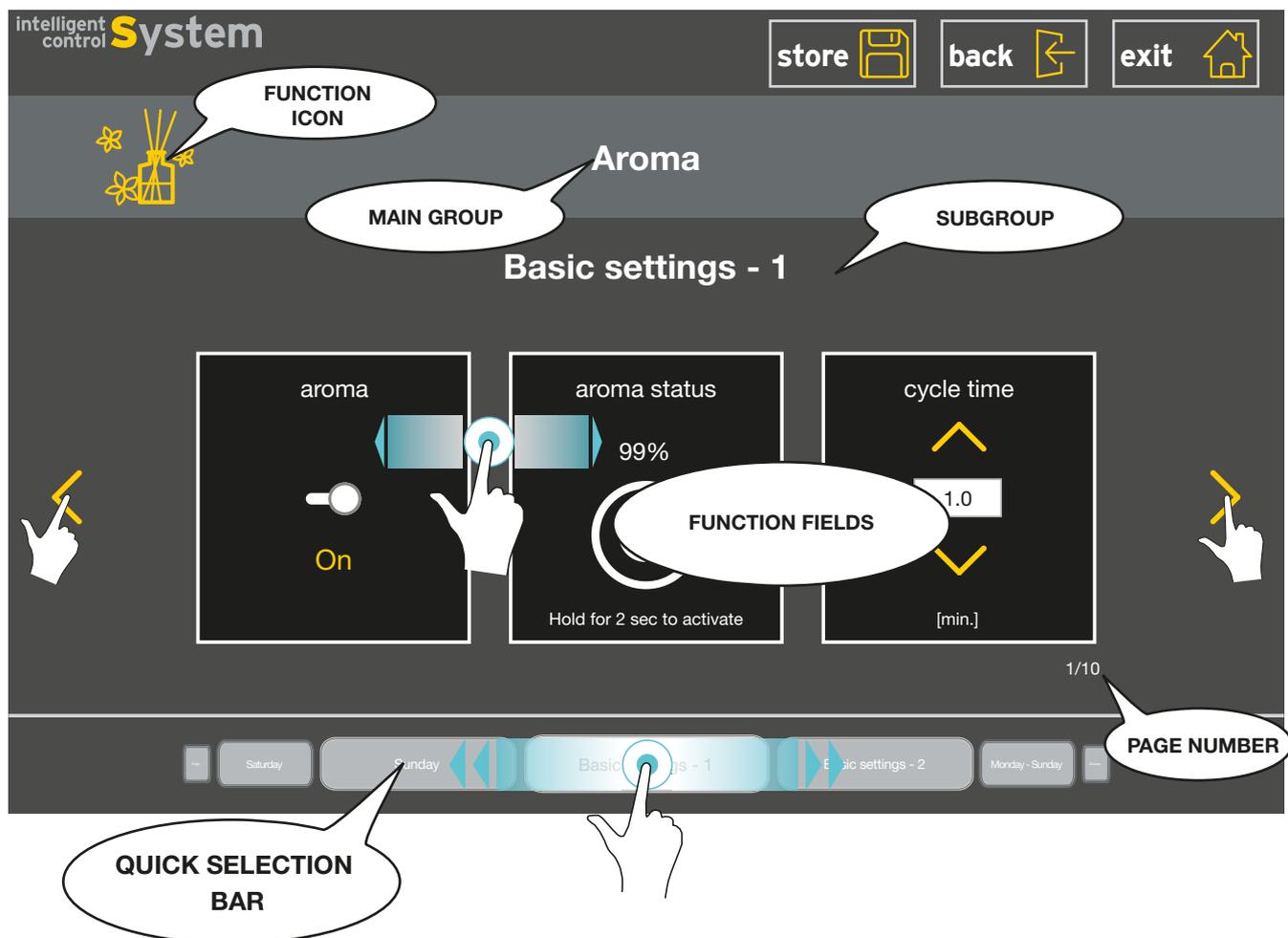
Stepwise selection by touching the side arrow buttons.



3.3.2 FUNCTION MENU

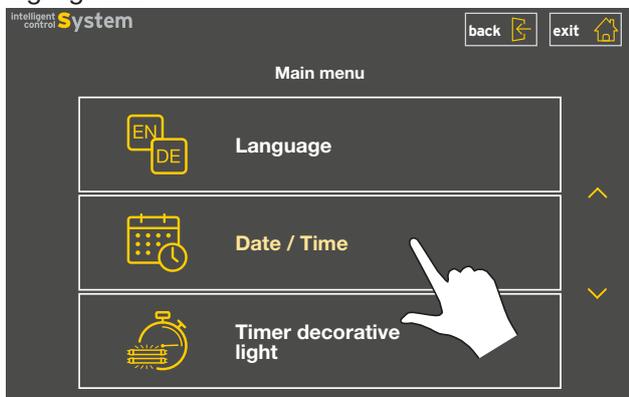
Quick navigation through the subgroups using the quick selection bar.

Stepwise selection by touching the side arrow buttons or using swipe gesture control.



3.3.3 SERVICE MENU - BASIC OPERATION

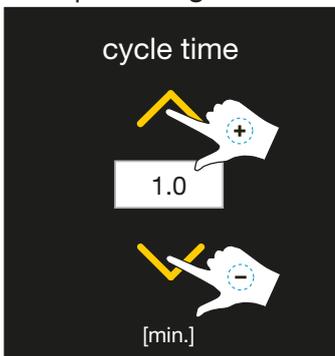
Touch the desired main group function bar in the main menu. The current selected function bar is highlighted.



CHANGE SETTINGS (EXAMPLES)

Depending on the respective function, you can change values, select options and switch functions on or off.

Example: change values



Example: select options



Example: Switch functions on or off



STORE, BACK & EXIT

store  Save your settings by pressing the STORE button. If you fail to do so, the system will not take over the changes you made. See also chapter "Service Menu - Timeout".

- By pressing the STORE button, you save all changes you have made in all menu items!
- The STORE button is only visible when a change has occurred.

back  By pressing the BACK button you go back to the previous menu level.

exit  By pressing the EXIT button you exit the service menu.

3.3.4 SERVICE MENU - TIMEOUT

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

3.3.5 SERVICE MENU - AUDIBLE SIGNALS

For user convenience the storage processes are acoustically acknowledged.

① LANGUAGE  

VIDEO 

SETTINGS

- ② playlist start
- ③ playlist end

PICTURE TIME

- ④ playlist start picture time
- ⑤ playlist end picture time
- ⑥ Playlist start
- ⑦ Playlist end
- ⑧ Library
- ⑨ Upload

DATE / TIME 

- ⑩ Date
- ⑪ Time

DECORATIVE LIGHT 

- ⑫ Dynamic light
- ⑬ Beauty booster

⑭ MAXIMUM TANNING TIME  

OPERATING HOURS 

- ⑮ Total
- ⑯ Tubes
- ⑰ Facial tanner
- ⑱ Number of sunbaths

PRESELECTION 

BASIC SETTINGS - 1

- ⑲ UV Typ
- ⑳ Audio
- ㉑ megaVoice

BASIC SETTINGS - 2

- ㉒ Aircondition
- ㉓ Aroma
- ㉔ aquaCool

AUDIO 

MP3

- ㉕ MP3 - intern
- ㉖ MP3 - external / bluetooth
- ㉗ USB MP3

STUDIOMUSIC

- ㉘ Studio
- ㉙ No. of channels
- ㉚ BCD - / Pulse - Code

MEGAVOICE

- ㉛ megaVoice
- ㉜ megaVoice language

MUSIC NON-STOP

- ㉝ Music non-stop
- ㉞ Source music non-stop

VOLUME

- ㉟ Volume tanning
- ㊱ Volume standby
- ㊲ Max. volume

VOLUME ADAPTION

- ㉛⑧ Volume megaVoice
- ㉛⑨ Volume studio
- ㉛⑩ Dynamic volume adjustment

④① EQUALIZER STUDIO

④② EQUALIZER MP3

BLUETOOTH  

- ④③ Name
- ④④ Powerlevel

AQUACOOL 

SETTINGS

- ④⑤ aquaCool
- ④⑥ Spray time
- ④⑦ Cycle time

TEST & INITI

- ④⑧ Testcycle
- ④⑨ Endurance testcycle
- ④⑩ Initialization

AROMA 

BASIC SETTINGS - I

- ⑤① Aroma
- ⑤② Aroma status
- ⑤③ Cycle time

BASIC SETTINGS - II

- ⑤④ Aroma cabin automatic
- ⑤⑤ Aroma cycles per hour
- ⑤⑥ Testcycle

⑤⑦ TIMER AROMA

AIRCON / VENTILATION 

- ⑤⑧ Aircondition
- ⑤⑨ Start level body fan

⑥⑩ UV  

SERVICE 

FACTORY RESET 

- ⑥① Factory reset
- ⑥② Reboot

⑥③ SERVICE-CODE LEVEL I 

⑥④ SERVICE-CODE LEVEL II 

⑥⑤ SOFTWARE

⑥⑥ FIRMWARE

SERVICE MODE

- ⑥⑦ Service without tanning 
- ⑥⑧ Service with tanning 

⑥⑨ INTERIOR DISPLAY

⑦⑩ SOLARIUM IDENTIFICATION

⑦① X-CODE 

⑦② TOUCHSCREEN TEST

⑦③ EVENTLOG 

3.5 Service codes

3.5.1 SERVICE-CODE LEVEL 1

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

3.5.2 SERVICE-CODE LEVEL 2

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

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



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

> SERVICE/Service-Code Level 2 <

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

i

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

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

3.6 Service menu - Menu items

i

- In order to avoid operating errors, read through the service menu - basics at the beginning of this section.
- Remember to save the settings with **STORE!**

EN
DE

Language

1

Language service menu

DE

→

EN

Sets the language of the service menu.

Factory setting: Depending on the operator country

EN
DE

Video

Settings

2

playlist start

on / off

Turns the **Playlist Start** on or off.

On

Factory setting: on

3

playlist end

on / off

Turns the **Playlist Ende** on or off.

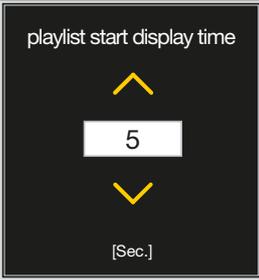
On

Factory setting: on

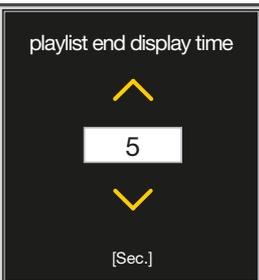
12 | Menu Settings | KBL P9 / P9S

Picture time

4  **playlist start display time**
 1 ... 99 sec.
 Determines how long image files are displayed in the **Playlist Start**.
 Factory setting: 5 sec.



5  **playlist end display time**
 1 ... 99 sec.
 Determines how long image files are displayed in the **Playlist End**.
 Factory setting: 5 sec.



Playlist Start

6  **Display of media files in the Playlist Start.**



Manufacturer files
 Media files from the manufacturer begin with “kbl”. They cannot be deleted or overwritten, and their order cannot be changed.

User files
 The order of user media files can be changed using the arrow keys.

Playlist End

7  **Display of media files in the Playlist End.**

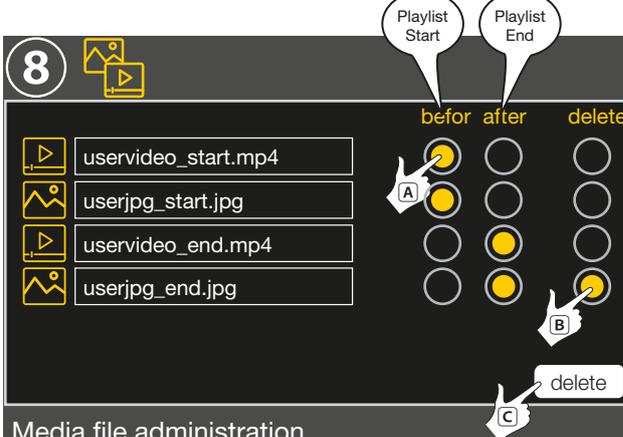


Manufacturer files
 Media files from the manufacturer begin with “kbl”. They cannot be deleted or overwritten, and their order cannot be changed.

User files
 The order of user media files can be changed using the arrow keys.

Library

8  **Media file administration**



Media file administration
 (A) Select whether media files are played in the **Playlist Start** or **Playlist End**.

File deletion

- (B) Select media files
- (C) Press the Delete button
- Acknowledge the confirmation message

Preparing media files for **upload**

Supported file formats

 -> Video file in mp4 format,
maximum resolution 1280 x 800

 -> Picture file in jpg format,
maximum resolution 1280 x 800

- Copy media files to a USB stick in the folder structure /intelliSun/media.
- Open the bench of the tanning device.
- Open the protective cover and connect the USB stick.



Upload

9 

	uservideo_start.mp4	<input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/>
	userjpg_start.jpg	
	uservideo_end.mp4	
	userjpg_end.jpg	

B

Uploading media files.
All media files in the folder /intelliSun/media on your USB stick are displayed here.

A Select the desired media files.
B Upload files.

 This process may take some time depending on the data volume. Uploaded files are automatically shown in the library.

 **Date / Time**

10 

Enter the system date.
Format: day.month.year

Date

^ ^ ^
15 . 09 . 17
^ ^ ^

[dd.mm.yy]

Factory setting: Current date

11 

Enter the system time.
Format: hour : minute

Time

^ ^
11 : 47
^ ^

[24h]

Factory setting: Current time

 **Decorative light**

12 

dynamic light

show 01 .. 25 / off

Select the desired lightshow effect.

^
show 11
^

Factory setting: off

13 

beauty booster

on / off

Activates and deactivates beautyBooster.

^
off
^

Factory setting: off

Switching phases decorative lighting

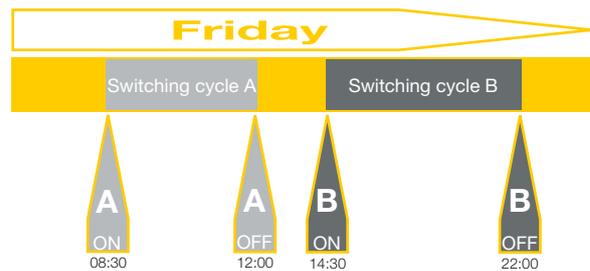
The menu item *Decorative light* offers you two switching cycles (A and B) for each day of the week.

NOTE - SWITCHING CYCLES

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

Entering switching times for the decorative lighting.
Format: hour : minute

Factory setting: None



Maximum tanning time code 2

14 Maximum tanning time

05min .. 45min

33

Sets the maximum tanning time for the tanning device.

Factory setting: 33 min

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

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

Operating hours

Total

15 Total

210

Displays the total operating hours.

Tubes

16



Tubes

105

[hrs.]

Reset



Hold for 2 sec to activate

Displays the total operating hours of the tubes and includes a reset function and set function to set the value in steps of five.

Facial tanner

17



Facial tanner

75

[hrs.]

Reset



Hold for 2 sec to activate

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

Number of sunbaths

18



Number of sunbaths

77

Reset



Hold for 2 sec to activate

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

Preselection

Under the menu item *Preselection* you can make the initial settings for the tanning device. The functions must be available and activated in this service menu!

Basic settings - 1

19



Sensitiv

Medium

Intensiv

UV Typ

Sensitiv

Determines the initial setting of the tanning level.

Factory setting: Sensitiv

20



bluetooth

salon

solarium

Audio

solarium

Determines the initial setting of the audio source.

Factory setting: solarium

21



on / off

Determines the initial setting of the voice-guidance system

megaVoice

On

Factory setting: on

Basic settings - 2

22 

on / off
Determines the initial setting of the air-conditioning system

Aircondition

On

Factory setting: on

23 

on / off
Determines the initial setting of Aroma.

Aroma

On

Factory setting: on

24 

on / off
Determines the initial setting of aquaCool.

aquaCool

On

Factory setting: on



Audio

MP3

25 

on / off
Activates and deactivates the internal MP3 player.
(solarium)

MP3 - internal

On

Factory setting: on

26 

on / off
Activates and deactivates the external MP3 and bluetooth signal.
(bluetooth)

MP3 - external / bluetooth

On

Factory setting: on

27 

on / off
Not available in this system.

USB MP3

Off

Factory setting: off

Studiomusic

28 

on / off
Activates and deactivates the Studio (Line-in) signal.
(salon)

Studio Line-in

On

Factory setting: on

29 

2 - 4 - 8
If BCD has been preselected, the number of channels available in the studio is specified here.

No. of channels

4

Factory setting: 4

30 

BCD - / Pulse - Code

↑

pulsecode

↓

BCD
pulsecode
off

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

Factory setting: pulsecode

megaVoice

31 

megaVoice

on / off

Activates and deactivates the voice-guidance system.

(megaVoice)

On

Factory setting: on

32 

megaVoice language

↑

german

↓

Fixes the language setting of the megaVoice system.

The following languages are fully supported:
GB,RU,DE,FR,IT,PL,CZ,NL,HU,BG,HR,RO,RS,SK
The following languages are supported in part:
DK,EE,LT,NO,ES,SE,TR

Factory setting: Depending on the operator country

Musik non-stop

33 

Musik non-stop

on / off

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

Off

Factory setting: off

34 

Source music non-stop

↑

MP3-intern

↓

Studio Line-In (salon)
MP3-internal (solarium)

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

Factory setting: MP3-internal

Volume

35 

Volume tanning

0 .. 9

↑

5

↓

[0-9]

Sets the volume for the tanning mode.

Factory setting: 5

36 

Volume standby

0 .. 9

↑

2

↓

[0-9]

Sets the volume for the standby mode.

Factory setting: 2

37 

5 ... 9

Presetting the maximum adjustable sound level.

Limits the maximum adjustable sound level in the tanning mode.

Factory setting: 9

Max. volume

^

9

v

[5-9]

Volume adaption

38 

-9 ... +9 dB

Here you can adapt the volume of megaVoice.

Factory setting: -7 dB

Volume megaVoice

^

-7

v

[dB]

39 

-29 ... +29 dB

Here you can adapt the volume of Studio Line-In signal. **(salon)**

Factory setting: 0 dB

Volume studio

^

0

v

[dB]

40 

on / off

Activates and deactivates the dynamic volume adjustment.

Factory setting: on

Dynamic volume adjustment

On

Equalizer studio

41 

Treble

^

14

v

[dB]

-14 ... +14 dB

High Bass

^

8

v

[dB]

-14 ... +14 dB

Low Bass

^

14

v

[dB]

-14 ... +14 dB

Equalizer setting for the music source "Studio". **(salon)**

Factory setting: T=14 HB=8 LB=14

Equalizer MP3

42 

Treble

^

14

v

[dB]

-14 ... +14 dB

High Bass

^

8

v

[dB]

-14 ... +14 dB

Low Bass

^

8

v

[dB]

-14 ... +14 dB

Equalizer setting for the "MP3 internal" music source. **(solarium)**

Factory setting: T=14 HB=8 LB=8

 **Bluetooth** code
2

Basic settings

43  Name

megaSun: 1 .. . 99

megaSun: 1

To fit your studio environment (multiple units) different numbers can be added to the bluetooth device name (megaSun *xx*) of each tanning device.

Factory setting: megaSun: 1

44  Powerlevel

1 .. . 7

Sets the transmission power for bluetooth.

1

Factory setting: 1

 **aquaCool**

Settings

45  aquaCool

on / off

Activates and deactivates the aquaCool function.

On

Factory setting: on

46  Spray time

2 .. . 6 Sek.

Determines the duration of the aquaCool spraying time.

6

[sec.]

Factory setting: 6 sec.

47  Cycle time

1 .. . 5 Min.

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

1.0

[min.]

Factory setting: 1.0 min.

Test & Init

48  Testcycle

Starts the aquaCool test (1 cycle).



Hold for 2 sec to activate

49  Endurance testcycle

on / off

Starts the aquaCool endurance test.

Off

After switching on and storing, you must leave the service menu and start a tanning session. Attention! aquaCool will continue to spray permanently during a whole tanning session.

Factory setting: off

50 

Starts the aquaCool initialization process.

Initialization



Hold for 2 sec to activate

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

 **Aroma**

Basic settings - 1

51 

on / off
Aktivieren und Deaktivieren von Aroma.

Aroma



On

Werkseinstellung: on

52 

Aroma Reset.
After having exchanged the Aroma tin!

Aroma Status
97%



Hold for 2 sec to activate

53 

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

Cycle time



1.0



[min.]

 Only active in systems without aquaCool or disabled aquaCool.

Factory setting: 1.0 min.

Basic settings - 2

54 

Interval
Door contact
off

Aroma cabin automatic



off



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

Factory setting: off

55 

1 ... 6.

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

Aroma cabin cycles per hour



3



Factory setting: 3

56 

Testcycle

Starts the aroma test (1 cycle).



Hold for 2 sec to activate

 **Aroma timer**

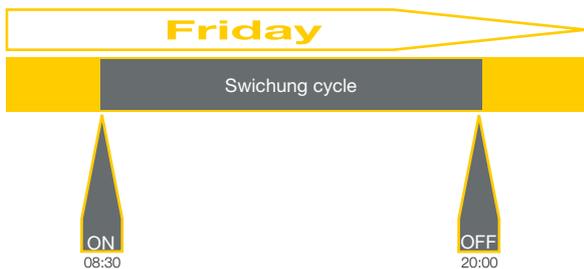
The menu item *Aroma* offers you a switching cycle for each day of the week.

NOTE - SWITCHING CYCLES

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

Week	Switching cycle
Monday	ON
- Sunday	OFF

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



57 

ON

08 : 30

[24h]

OFF

20 : 00

[24h]

Entering switching times for the aroma timer.
Format: hour : minute

reset
4sec.

Factory setting: None

 **Aircon / Ventilation**

Basic settings

58 

on / off

Activates and deactivates the air-conditioning unit.

Airconcondition

On

Factory setting: on

59 

0 .. 9

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

Start level body fan

2

Factory setting: 2

UV
code 2

UV level

60

Tubes

↑

1

↓

Facial tanner

↑

1

↓

These settings must only be made by trained and qualified personnel, authorised by KBL!

Factory setting: 1

Service-Code Level 1

63
code 2

New code
Repeat
Erase

<

0

1

2

3

4

5

6

7

8

9

Save
2 sec.

Reset
2 sec.

Enter your individual **Service - Code Level 1**

After entering the service code a “save” button appears. Press this button to accept the new CODE 1!

Service

Factory reset

61
code 2

Loads the factory (default) settings.

Factory reset

Hold for 2 sec to activate

62

Performs a restart of the electronics.

Reboot

Hold for 2 sec to activate

The screen “freezes” a moment until the new boot sequence starts.

Attention

- All unsaved changes will be discarded!

Service-Code Level 2

64
code 2

New code
Repeat
Erase

<

0

1

2

3

4

5

6

7

8

9

Save
2 sec.

Reset
2 sec.

Enter your individual **Service - Code Level 2**

After entering the service code a “save” button appears. Press this button to accept the new CODE 2!

For basic information on the use of service codes, please refer to the Service codes chapter.

Eventlog

Software

Typ	KBL7 P9 Touch
Variant	extraSun + Touch
First upload	2.7.2019 dd.mm.yy
Last upload	19.10.2019 dd.mm.yy

Displays the current software type and variant and the first and the last PC Software-Upload.

Firmware

Firmware

mainboard application	1.10
mainboard bootloader	3.14
int. display	1.10
ext. display	04.04

Displays the current firmware types.

Service mode

Service without tanning

Troubleshooting mode.

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

68 code 2

Service with tanning

Troubleshooting mode.

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

Interior display

69

Contrast

0 .. 30

Sets the contrast of the interior control panel display.

Factory setting: 16

Solarium identification

70

Solarium identification

Configuration code	121100111110
Variant code	243021130000
Serial number	12345

Show the characteristics of the tanning device.

X-Code

71
code 2

New X-Code

Erase

0

1

2

3

4

5

6

7

8

9

Enter
2 sec.

Reset
2 sec.

Enter X-Code.

i

After entering the x-code a “enter” button appears. Press this button to accept the new code!

⊘

These settings must only be made by trained and qualified personnel, authorised by KBL.

Eventlog

73

#	Time	Date	EventID	Tanning time
0	13:34	19.09.2017	219	00:00
1	13:27	19.09.2017	206	00:00
2	10:12	08.09.2017	010	00:00
3	09:52	06.09.2017	211	00:00

Lists the latest 99 events (error codes & info-messages).
For details, tap.

i

For more information on EventID's, please refer to chapter *System messages*.

Touchscreen test

72

Touchscreen test

Hold for 2 sec to activate

Screen test

Hold for 2 sec to activate

CPU Temperature

45,4 °C

Test programs and information for system technicians.

Remarks



KBL

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