

TIMELESS TRANQUILITY

Q10



MANUAL



WARNING : PLEASE READ THIS CAREFULLY



- Read the instructions before using this product or consult the attendant for further information.
- The power supply must be fused with a time-lag fuse.
- The supply voltage (V) and frequency (Hz) must agree with the information given on the machine type plate. A copy is on the backside of this manual.
- Before servicing this equipment or changing lamps, remove the power supply cord or isolate from main supply.
- This equipment must have an earth connection.
- Never use this machine when the timer is faulty.
- Do not use this machine when the air hose is not connected.
- Never use this machine when one of the filters of the facial(s) is broken or removed. You must check this before use. When during use one of the filter(s) breaks, stop this machine immediately. A blue filter is broken when some white light appears through the 'blue' light. It is possible this is weak white light, but it can also be clear white light.
- This device is intended to be used by one person at a time!
- Make sure there is at least 10 cm / 5 inches space between the machine and the walls/ceilings to ensure proper ventilation.
- Never use this device, if one or all of the acrylics are broken or removed. Check this for each tanning session.
- This machine may not be operated if the temperature inside the tanning cabin is 30° C / 86° F or higher.
- Always use the protective sunglasses provided!
- In order to keep your Ultrasun machine in compliance with the standard, you have to make sure to change lamps, components and accessories with original lamps, components and accessories only. Otherwise guarantee will be taken off as well as any responsibility and any liability.
- Water and electricity are a dangerous combination. Do not place your Ultrasun in a humid room or near water facilities like a shower or swimming pool.
- This machine is equipped with an automatic security system against overheating. In case there is insufficient ventilation (because the ventilating shafts of the machine are covered or the ventilation in the room does not function optimally) the appliance will automatically switch itself off. When the machine has cooled down, the machine will automatically switch itself on again. However, you should always examine what the cause was that the machine switched off!
- The appliance is not to be used by children or people with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- Children should be supervised to ensure that they do not play with the appliance.
- Read also the tanning rules on page 12 and 13.



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You have just chosen for a product from the Ultrasun range. You have made an excellent choice. By this purchase you have chosen for a product which has been carefully manufactured from high quality parts which have been tested completely and have been checked fully after manufacturing.

We advise you to carefully read through this user manual so you can use the sunbed safely and with many years of pleasure.

During the development of our professional sunbeds, the specific desires of our customers have been taken into account. If you still have questions about or suggestions for our sunbeds, please do not hesitate to contact us.

Please check if the serial number plate at the back side of this user manual resembles the serial number plate at the back of the sunbed.

Ultrasun spends a lot of time and attention on the development and improvement of the delivered products. Ultrasun holds the right to make changes without informing you previously.

We hope you enjoy your purchased sunbed.
The Ultrasun team.

Explaining The Icons



Remove the plug from the wall socket when working on the sunbed.



Attention: Dangerous electrical voltage.



Have a specialized fitter fix, repair or work on the sunbed.



Many parts can be recycled, so keep them separate and do not dispose of them.



Attention: Danger, read the instructions carefully and follow the directions.



Attention: Ultraviolet radiation: always wear eye protection when exposed to UV light and read the corresponding warning texts.

This user manual contains all instructions of your Ultrasun Q10 and contains information about all the possible options which you can have on your Q10. If these options are not relevant to your sunbed, then you can skip the chapters indicated as “**option**”. The options are indicated with an “ * ” in the texts.

The user manual of your Q10 consists of this user manual and a separate user manual for the IQ Touch Control timer part. The electrical scheme of this sunbed is delivered separately.

Always choose the user manual that has the grey sunbed identification sticker on the backside. Always keep this user manual close to the sunbed.

- Check if the packaging is in the original state and report possible damages directly to your transporter. Especially look for possible dents, cracks or water damage on the outside of the packaging.
- Get all separate parts out of the packaging. Check directly if all parts are present and undamaged.
- May one of these control checks not suffice these requirements, report this as soon as possible to your Ultrasun distributor.

(Dis)assembly Of The Q10



This sunbed is, once delivered, partially pre-build (Fig. A). For completion of the assembly of the sunbed, the shouldertanner (Fig. F:ST) and the front cover of the bed (Fig. H:11 with 10) need to be assembled. Also the two pipes, which connect the top with the bed, needs to be fixed with the two provided Allen bolts (Fig. E:S).

For easier transportation to its final location, the top part and the ballast trays can be disassembled in the following way:

Note: Always disconnect the power supply before disassembling and during assembling

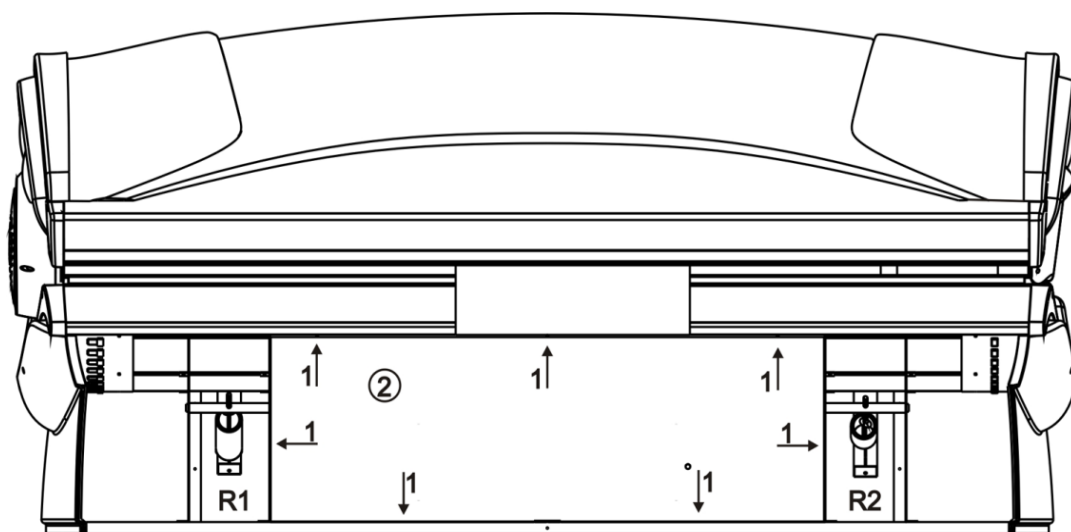


Fig.A

Take all loose parts out of the packaging. Remove the 7 screws (Fig. A:1) and pull the metal covering plate (Fig. A:2) slightly forward on its handles so the space with the technical parts becomes visible (Fig. B).

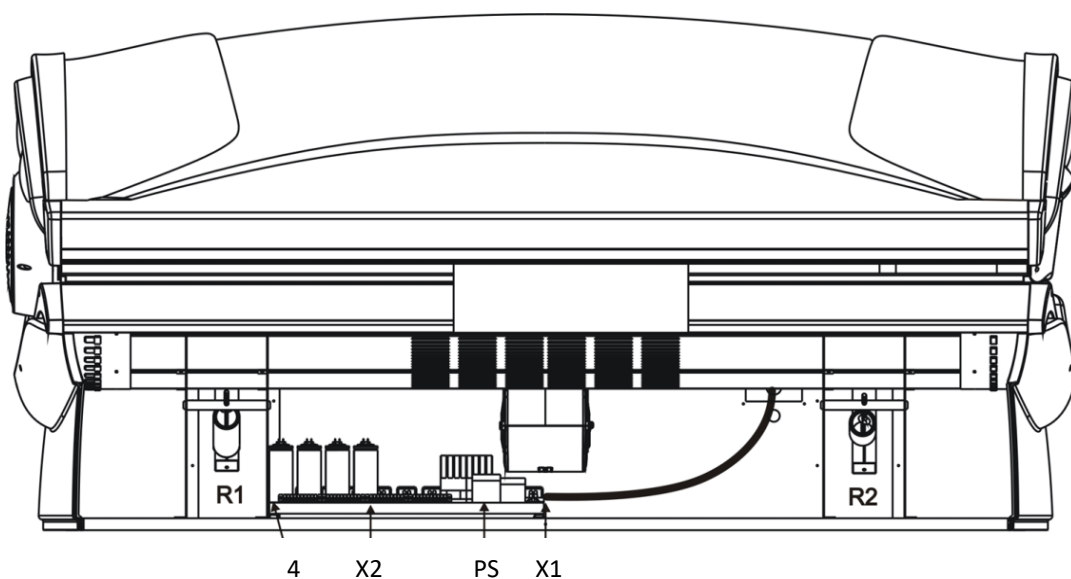


Fig.B

Disconnect the power supply cable from the power supply block (PS and Fig. G:X11). Disconnect the plugs (Fig. B: X1, X2) and the network cable from the ballast tray. Unscrew the transit screw on the left side of the ballast tray (Fig. B:4). Now the ballast tray can be removed by pulling it to the front.

Remove the 4 screws (Fig. C:5) and take out the roof cable with the connector (Fig.B:X1) through the square hole at the back of the base (Fig. C:6).

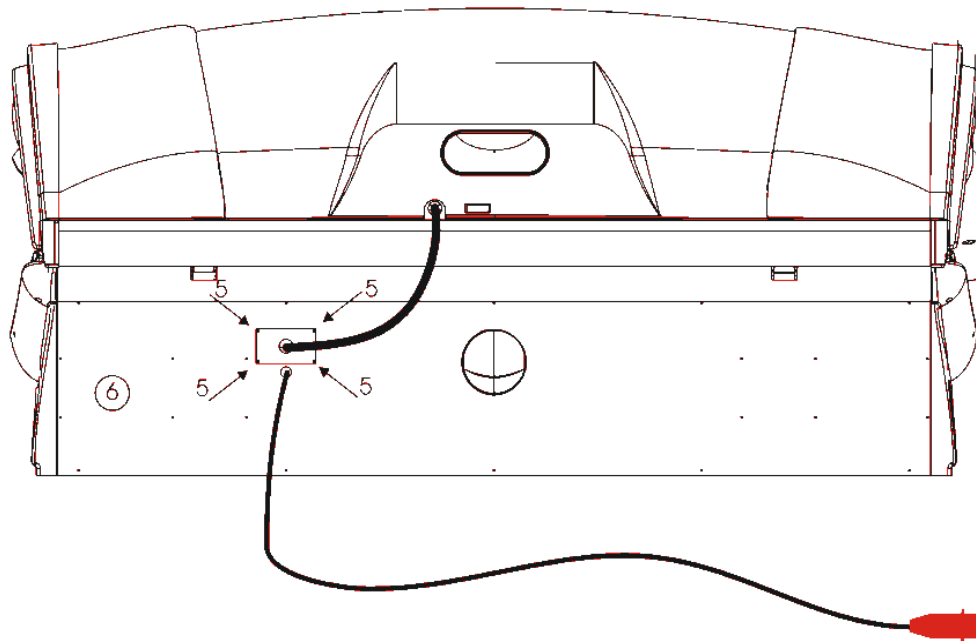


Fig.C

Open the roof (Fig. D:7) to its maximum position. You can now lift off the roof with four people (one at each corner). Only lift up the roof, gripping the large aluminium profile parts. **Do not** lift up the roof by the plastic side parts. They can get damaged. Place the backside of the roof with the two pipes (Fig. D:8) carefully on the floor and the front side on the Styropor plastic log (Fig. D:9), which was situated between the top and the bed in the original packaging.

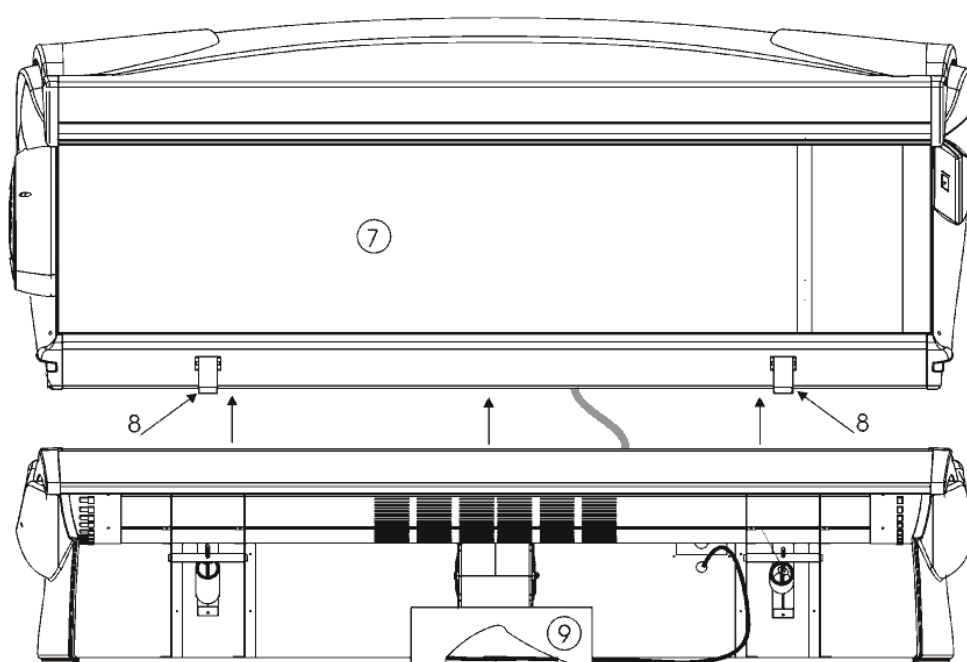


Fig.D

Now place the base of the sunbed to its required location. The machine is to be assembled in the reversed way. Lift up the front side of the top with 4 people, so that the 2 pipes of the top slide into the 2 pipes of the bed (Fig. D:8). Make sure that the pipes of the top do not slide out of the bed pipes.

Attention: You must secure the pipes of the roof/bed with the 2 Allen bolts provided. At the backside of the base, right below each pipe, a little hole is situated where you can secure the Allen bolts in the pipes (Fig. D:S) with the use of a Hex key (not provided) Fig. E.

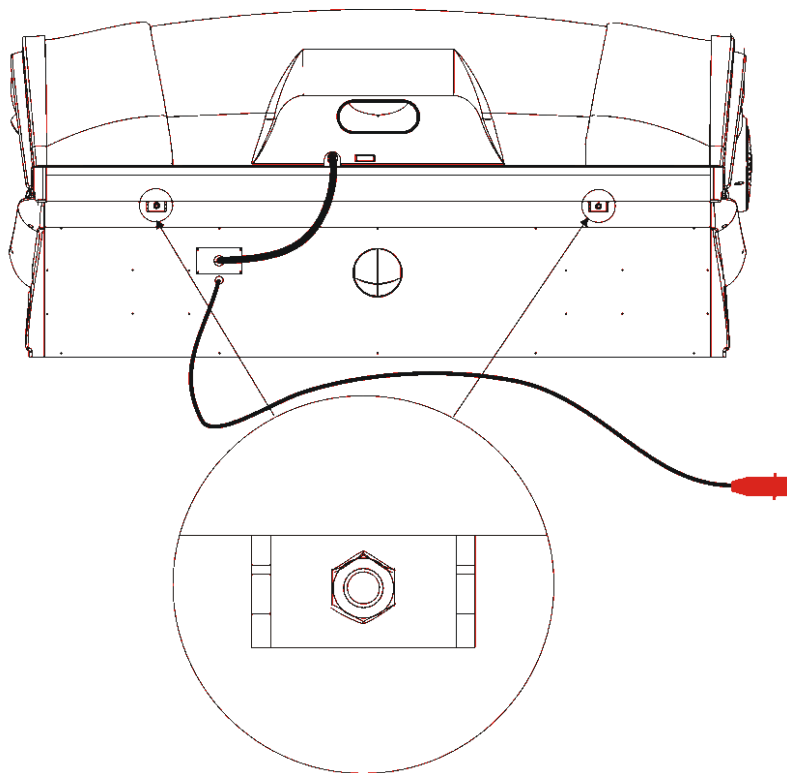


Fig. E

Disassemble the backside of the shouldertanner by unscrewing the four screws. Attach the shouldertanner to the right side of the sunbed (Fig. F:SB) with the already assembled bolts (you need to take these out first). Connect the plug of the shouldertanner to the build-in female plug, which is situated in the right side of the bed. Connect the audioconnections* and assemble the backside to the shouldertanner.

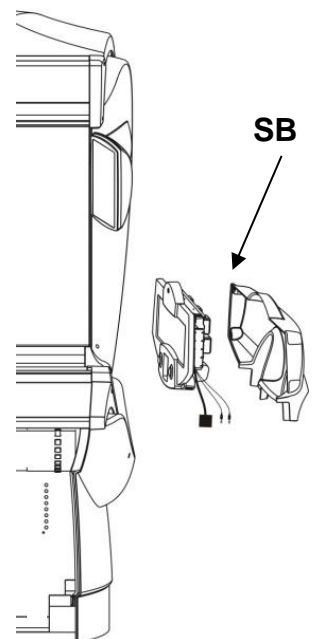
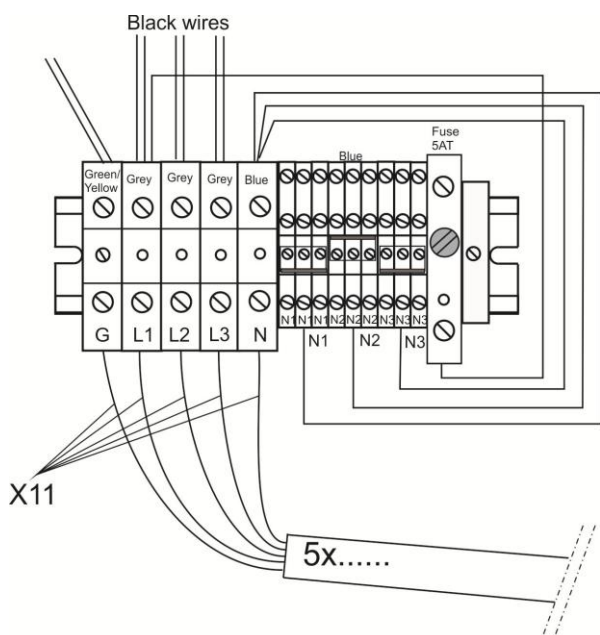


Fig. F



	Colour	Function
G	Yellow/green	Earth
L1	Brown	Phase
L2	Black	Phase
L3	Grey	Phase
N	Blue	Neutral



Fig. G

Move the ballast trays back into the base of the bed, secure them with 2 screws. Reconnect the plugs X1 and X2 (Fig.B) and the network cable and reconnect the power supply cable (Fig. G).

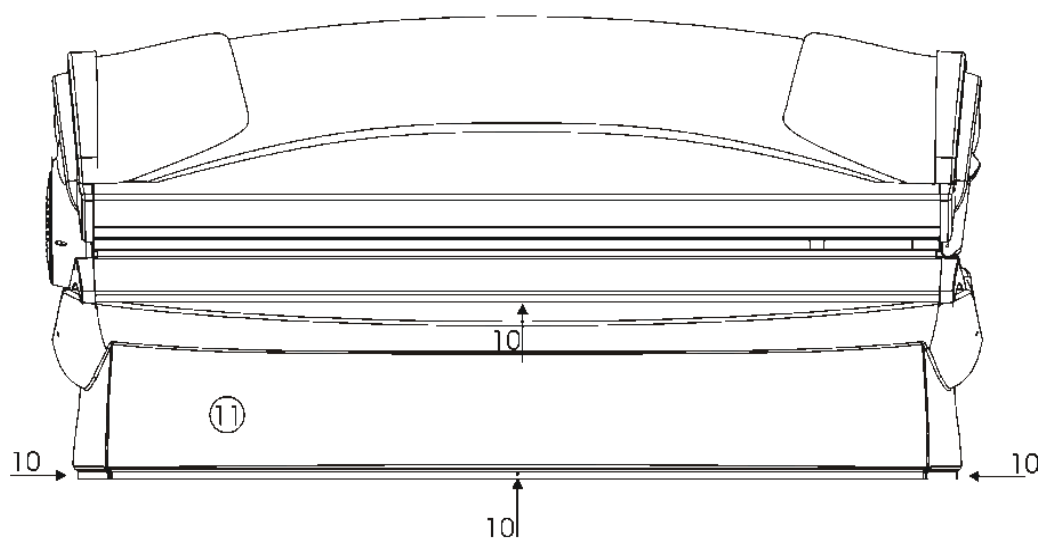


Fig. H

Connect the supplied, flexible hoses for the air exhaust of the bed and top (\varnothing 150 mm en \varnothing 200 mm). Note that this exhaust hose is not to be obstructed and that sufficient fresh air can get in. Your sunbed is now ready for use.

The position of the top, open or closed, is preinstalled at a certain height. In case you would like to change this height, the locking bolts at the rubber caps (Fig. B: R1 and R2) need to be adjusted.

The pressure that is needed to open or close the top can be adjusted by tighten or loosen the Allen bolts (Fig. B:R1 and R2).

Connecting the Remote Control Plug

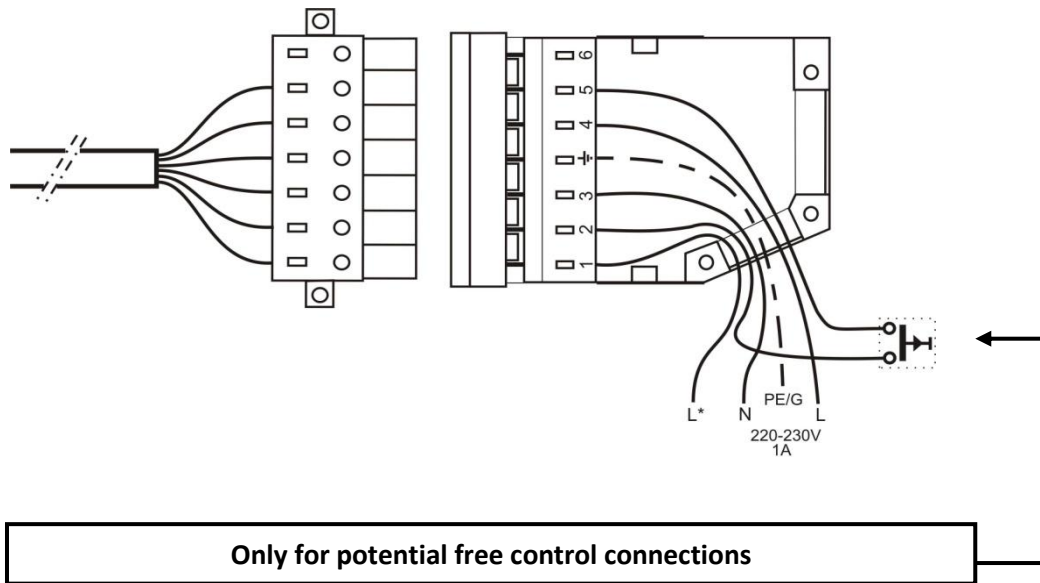


Fig. J

At the backside of the solarium, the connector for the remote control is located. The connections resemble the figure above (Fig. J.)

Note: The only purpose of this connection is for controlling the solarium by means of a coinbox or a remote control with a potential free switch or contact.

The female plug can be connected to your control box, timer or coin box.

An incorrect connection of the connector can lead to damage to the parts of the sunbed.

In case you would like to make use of a potential free switch or contact, the parameter P021 of the IQ Touch Control needs to be changed to P021:01 or P021:02 depending upon the application. For this, please read the user manual of the particular remote control you want to use. The 220-230V connection is only intended as an exit for connecting the electronics in a remote control (for example a Paytronic coin box) with a maximal current consumption of 1,0 ampere.

The exit L* delivers 230V in case the machine is turned on. This connection can be used by applications like feedback signal or occupied signal. Always note that during assembly the plug is connected in accordance to the manufacturing method (the smooth and ribbed side must be in accordance with each other).

In case larger distances must be bridged or in case disturbances in the pipes arise, the possibility exists to place an Opto-box (Ultrasun article number 3T0480) between the remote control pipes.

Attention: Never use this remote control connection for other purposes than indicated above, it can damage your IQ Touch Control beyond repair.



Audiconnections* (Option)

At the side panel in the bed compartment the connections for the audiosystem are located. The image on the right displays these connections (Fig. K). During disassembly, all these connections need to be uncoupled. The bass speaker is located on backside of your Q10. In case you want your Q10 to have external audiosignal, connect this to the audio RCA "tulip" connection at this audioprint. The input sensitivity can be arranged with the potentiometer which is located next to this connection. Read the manual of the IQ Touch Control for more information.

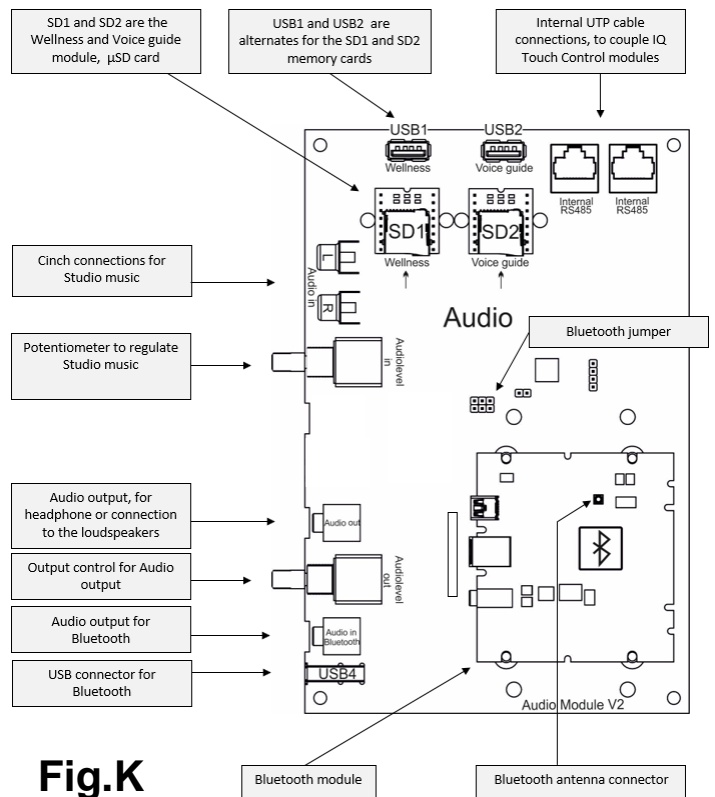


Fig.K

Connect the audiconnections* according to Fig. K. The connection Speaker right and Speaker left come from the shouldertanner (Fig. L) and are connected to the speakers (Fig. L:T). Your MP3 or iPod can be connected to the 3,5 mm plug (Fig. L).

The drawing on the next page show the connections and operating elements of the bass speaker.

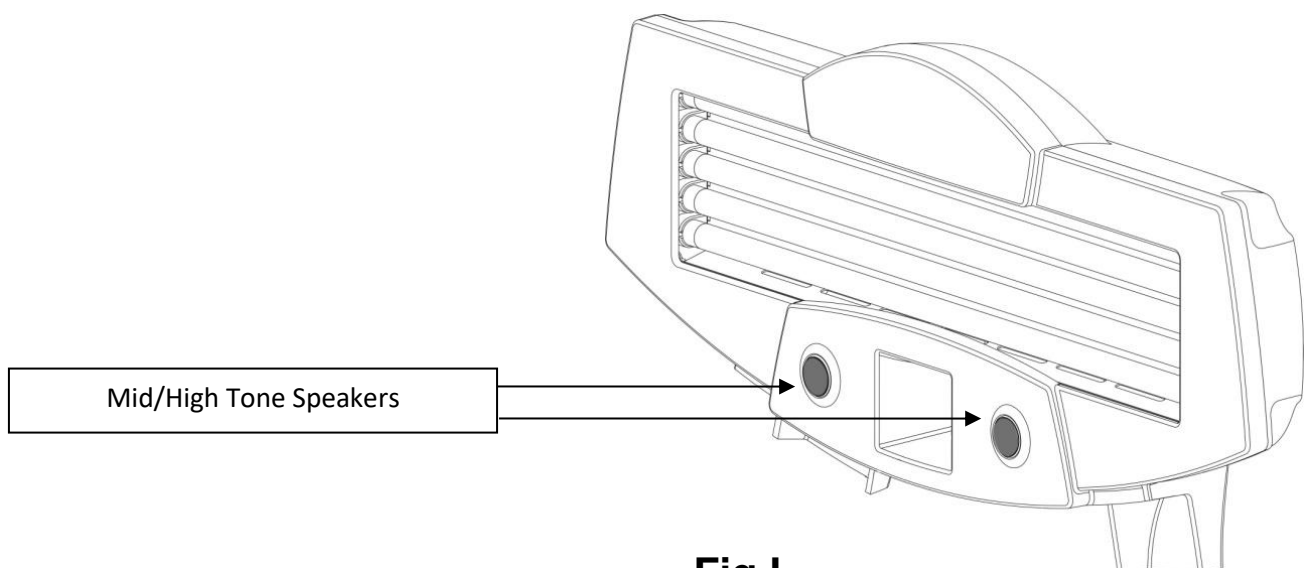


Fig.L

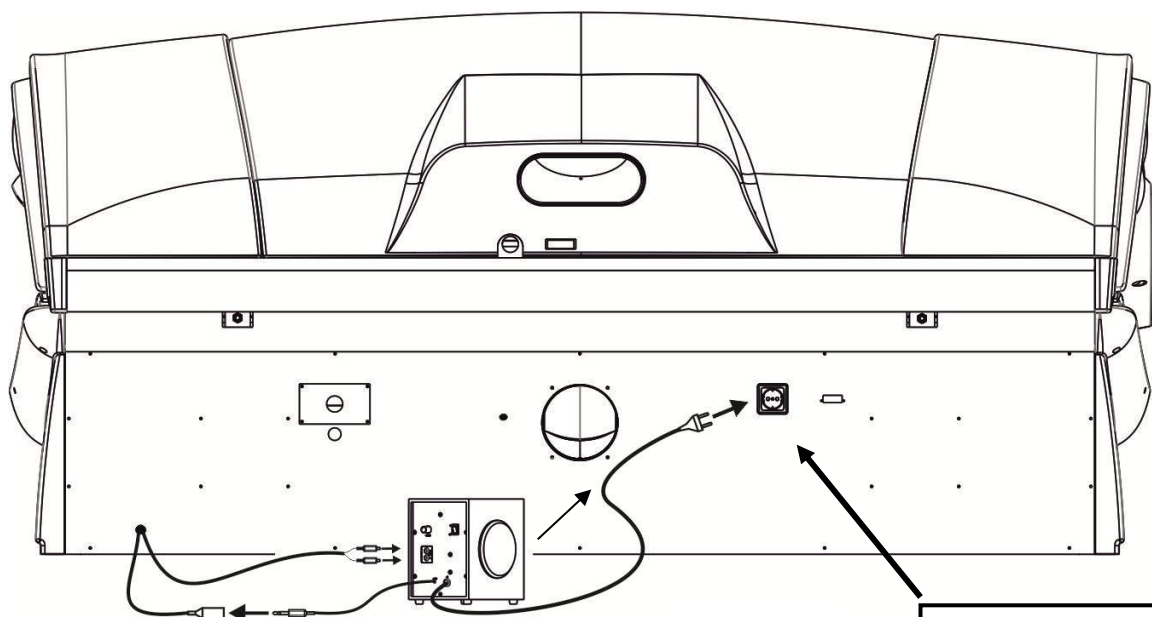
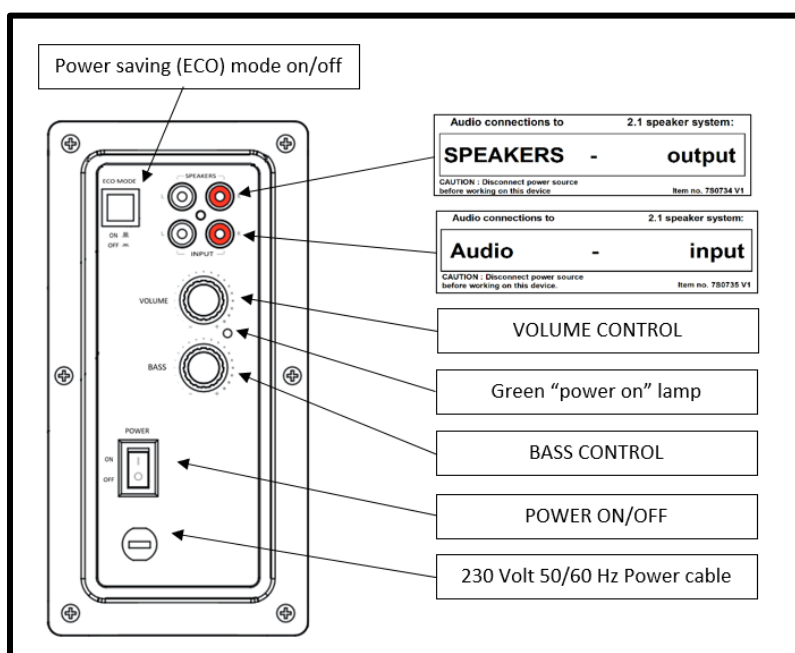


Fig.M

**230 V AC ONLY
FOR AUDIO !**



NOTE

It is advisable to adjust the Volume and the Bass control to halfway. Please note that if you adjust the Volume and the Bass control to a higher level there is a possibility that the sound will be distorted, in longer terms this can damage your loudspeakers.

ATTENTION

Loud music can result in hearing problems!

Voice Guide, Wellness Sound And Bluetooth* (Option)

In case your Ultrasun Q10 is equipped with the Music Pro audio option, the possibility exists to extend this option and include Voice Guide, Wellness Sound or Bluetooth. In case this option is installed, this is automatically recognized by the IQ Touch Control timer and visible in the control display. Read the user manual of the IQ Touch Control timer for more information.

RGB Led Controller With IR Distance Control*

The RGB controller consists of:

A. IR Remote Control

B. RGB Control Unit

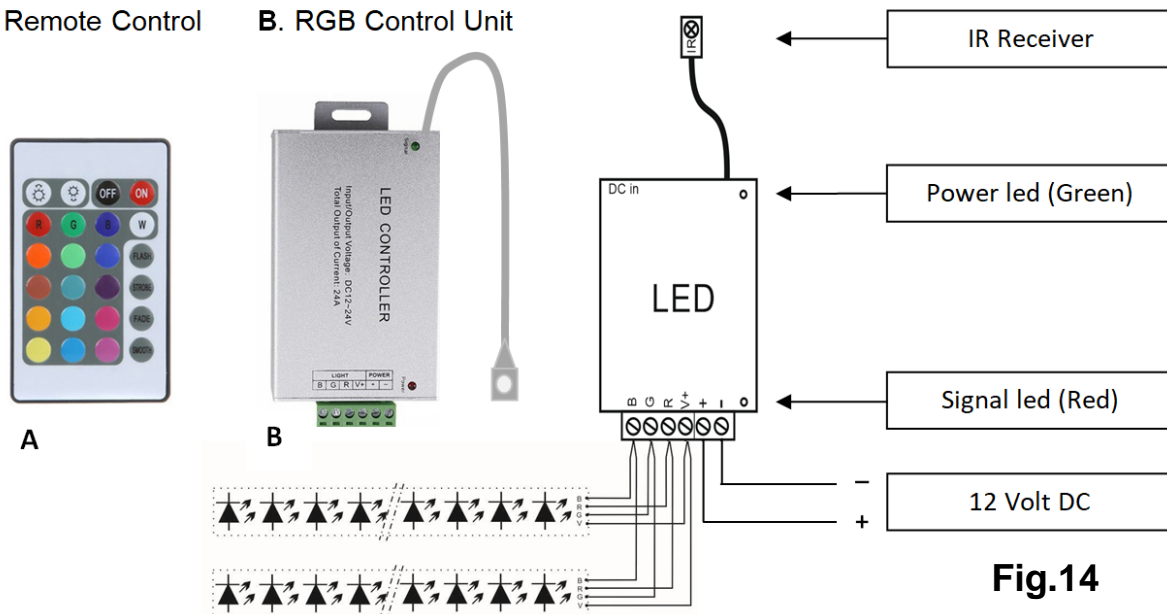


Fig.14

Your tanning device is equipped with a RGB led controller and a remote control with which you can control the colour settings of the Rainbow-led strip. With the led controller (Fig.1:A) you can set the colour changing, colour jumping, etc. and the colour can be set to static at any time.

This system is applicable for 12V DC. The maximum current per color may not exceed 4 Amp. The electrical scheme for the led controller can be found in Fig.2

The remote control has 24 buttons, each having its own function:

Position and function of buttons on the IR remote:

brightness up / speed up	brightness down / speed down	off	on
static red	static green	static blue	static white
static orange	static pea green	static dark blue	7 colors jump
static dark yellow	static cyan	static magenta	white fade in/out (strobe)
static yellow	static light blue	static pink	7 colors change
static straw yellow	static sky blue	static purple	3 colors jump

The 16 “static” buttons give the opportunity for an immediate color selection, the other buttons have the following functions:

- Brightness up/speed up and Brightness down / speed down** : if a static color is selected, the brightness can be changed to more or less bright. If another button is selected, the speed can be changed up or down .
- On and Off button** : switches your RGB led controller on or off.
- 7 color jump (FLASH)**: gives the opportunity to jump from color to color.
- White fade in/out (STROBE)** : gives a strobe effect in white color.
- 7 color change (FADE)**: gives the opportunity to run automatically through the color spectrum.
- 3 color jump (SMOOTH)**: jumps through the three basic colors red, blue and green.

Be aware that the infrared transmitter should be directed to the receiver. Your device has this sticker to localize the IR receiver.

Point your infrared (IR) remote control for the RGB LED system here.

ULTRASUN
RECHARGEZ-VOUS-MÊME

DR. MULLER
TOUJOURS JEUNES

Item no. US-18-081 V1



Exposure Schedule And Instructions



Q10 : UV4

RECOMMENDED EXPOSURE SCHEDULE		MAXIMUM EXPOSURE TIMES (IN MINUTES)			
CLASS	SKIN TYPES	week 1	week 2	week 3	week 4
I	Sensitive skin Burns easily and severely, and does not tan.	Tanning not advised			
II	Light skin Burns easily and severely, and tans minimally.	4	6	8	9
III	Normal skin Burns moderately, and tans moderately.	4	7	10	12
IV	Dark skin Burns minimally, and tans well or above average.	4	8	12	15

Allow at least 48 hours between all exposures, tan maintenance: 1-2 times weekly

MAXIMUM EXPOSURE TIME: 15 minutes

Q10 : UV3 (0.3 W/m²)

RECOMMENDED EXPOSURE SCHEDULE		MAXIMUM EXPOSURE TIMES (IN MINUTES)			
CLASS	SKIN TYPES	week 1	week 2	week 3	week 4
I	Sensitive skin Burns easily and severely, and does not tan.	Tanning not advised			
II	Light skin Burns easily and severely, and tans minimally.	6	10	15	20
III	Normal skin Burns moderately, and tans moderately	7	12	16	20
IV	Dark skin Burns minimally, and tans well or above average.	8	13	17	20

Allow at least 48 hours between all exposures, tan maintenance: 1-2 times weekly

MAXIMUM EXPOSURE TIME: 20 minutes.

Notice the following tanning rules for proper and safe use of your tanning device:

- The exposure time for first session must not be shorter than 1 minute.
- Follow the recommendations concerning exposure duration and exposure intervals

- Protect your eyes from visible and infrared radiation, take adequate precautions ! Always use the provided sunglasses!
- Do not sunbath and use the machine on the same day.
- This device is intended to be used by one person at a time!
- Lie on the sunlamp bed and lower the top section to its internally regulated stop point to attain this position. Any other position may result in overexposure.
- Always use the protective sunglasses provided.
- Remove cosmetics well in advance of exposure and do not apply any sunscreens.
- Do not undergo exposure when taking medicines or using cosmetics, which increase sensitivity to ultraviolet radiation. If in doubt, take medical advice.
- Follow the recommendations concerning exposure duration and exposure intervals.
- Seek medical advice if persistent lumps, sores or pigmented moles develop on the skin.
- Ultraviolet radiation from the sun or UV-machines can cause injury to skin or eyes. These biological effects depend upon the quality and the quantity of the radiation as well as the skin sensitivity of the individual.
- The skin may develop sunburn after an excessive exposure. Excessively repeated exposure to ultraviolet radiation from the sun or the machine may lead to premature ageing of the skin as well as increased risk of development of skin tumours.
- The unprotected eye may develop surface inflammation, and in some cases, damage may occur to the retina after excessive exposure. Cataracts may develop after many repeated exposures. Therefore: **always use the protective sunglasses provided.**
- This machine is not to be used by people burning without tanning when exposed to the sun, by people suffering from sunburn, by people suffering from or previously suffering from skin cancer or predisposed to skin cancer.
- Read this carefully: if unexpected side effects, such as itching, occur within 48 hours of the first session of using a UV appliance, medical advice should be sought prior to further UV exposure.
- This appliance is not to be used by people burning without tanning when exposed to the sun, by people suffering from sunburn, by people under the age of 18, or by people suffering from (or previously suffering from) skin cancer or predisposed to skin cancer.
- Do not undergo exposure when taking medicines or using cosmetics, which increase sensitivity to ultraviolet radiation. If in doubt, take medical advice.
- This appliance shall not be used by persons under medical care for diseases that involve photosensitivity or persons receiving photosensitizing medications.
- Seek medical advice if persistent lumps, sores or pigmented moles develop on the skin.
- Ultraviolet radiation from the sun or UV-machines can cause injury to skin or eyes. These biological effects depend upon the quality and the quantity of the radiation as well as the skin sensitivity of the individual.
- The unprotected eye may develop surface inflammation, and in some cases, damage may occur to the retina after excessive exposure. Cataracts may develop after many repeated exposures.
- Read this carefully: if unexpected side effects, such as itching, occur within 48 hours of the first session of using a UV appliance, medical advice should be sought prior to further UV exposure.
- The skin may develop sunburn after an excessive exposure. Excessively repeated exposure to ultraviolet radiation from the sun or the machine may lead to premature ageing of the skin as well as increased risk of development of skin tumours.
- Remove cosmetics well in advance of exposure and do not apply any sunscreens.
- According to basic standards your Ultrasun tanning equipment needs to be equipped with original parts and lamps. In every other case the guarantee is taken off as well as any responsibility and any liability.

Changing Lamps And Facial Bulbs

When the effective life of your lamps and facial bulbs is over, or when there is an obvious decrease in the tanning results, it is necessary to change the lamps and facial bulbs.

ATTENTION: When changing lamps, first remove the power supply, then remove the acrylic.



The top:

Remove the acrylic by taking out the synthetic strip from the front side. Lower the front side of the acrylic, preferably with two people, and then lift the back out of the profile of the top. You can now clean the acrylic and change the lamps. Turn the lamps by turning them in the lamp holder: let them “click” before you remove them. When changing lamps, also remove the dust from the machine (particularly around the fans) and clean the acrylics from the inside. Read the chapter about the (dis)assembly of the Q10 for more details.

The bed:

Lift up the strip from the acrylic on the front side and carefully loosen it over the full length. Once the strip is removed, the acrylic can simply be lifted and removed, preferably by two people. Turn the lamps by turning them 90 degrees in the lamp holders: let them “click” before you remove them. When changing the lamps, also remove the dust from the machine (particularly around the fans) and clean the acrylics from the inside. Read the chapter about the (dis)assembly of the Q10 for more details.

The facials:

When changing bulbs, the right side of the top on the outside must be disassembled. By removing the synthetic strip on the front and backside and the screws on the backside, the cover can be removed from the frame. The reflector with the facial bulb inside can be completely removed by turning the two screws (on both sides) out of the reflector.



At the same time the two wires of the facial bulb must be disconnected. The facial bulb can be removed out of the pinch-spring and replaced by a new one. **Do not touch the glass of the facial bulb with your fingers.** Remove the dust and clean the white and blue filter with a glass cleaning fluid.

ATTENTION: Make sure that the new lamps and facial bulbs are of the same type as the previous ones.

In order to keep your Ultrasun Q10 machine in compliance with the standard, you have to make sure to change lamps, components and accessories with original lamps, components and accessories only. Otherwise guarantee will be taken off as well as any responsibility and any liability.

Many parts can be recycled, so keep them separate and do not dispose of them.



Troubleshooting



- When your sunbed or part of it (top, bed or facial) does not function, please check
 - the fuses/differential switch of your main supply;
 - the connection to the main supply and fuse (Fig. 6);
 - the (possible) plug connection between the different parts (for example the bed and top) (Fig. 2, 3 and 4);
 - the thermal switches (temperature safety) or the broken-glass sensors for the facials which are all checked by the IQ Touch Control and become visible on the display in case failures occur;
- If one of the lamps does not function anymore, change it with the lamp next to it. In case two lamps next to each other do not function, the possibility exists that there is a defect in the ballast;
- If your facial tanner is out of function, please check the facial switch on the IQ Touch Control first. Hereafter check the switch of the facials on the bed;
- If the top does not stay in the required positions or it moves up and down by itself, the spring coils need to be adjusted in the compartments R1 and R2 (Fig. B);
- Switch off the power supply in case of:
 - working inside the sunbed;
 - fans are out of order;
 - any doubt of the nature of the failure;
- Please contact your technical service in case the problem cannot be solved with the above mentioned possibilities;



Maintenance



After 50 hours or at least after one month and then every 500 hours or 6 months:

- Visual inspection of all parts inside the sunbed;
- Remove dust and fluffs inside;
- Check the working of the whole machine;
- Control screws and nuts (if loose tighten);
- Clean the filters of the facials;

Always:

- Pay attention to strange noises in the sunbed;
- Clean the acrylics after every tanning session;
- Consult an authorised service agent in the event your Ultrasun machine has a failure;

Technical information And Lampconfiguration

SUNBED TYPE	Ultrasun Q10 Magnum	Ultrasun Q10 Magnum
UV-Type (conform EN 60335-2-27)	4	3
Facial Lamps	3 x Sunfit WL 500W	3 x Sunfit WL 500W
Article number	2H6500	2H6500
Shouldertanner Lamps	5 x Sunfit S 25W	5 x Sunfit S 25W
Article number	2L0023	2L0023
Equivalency code	25-O-12/4,0	25-O-12/4,0
Top Lamps	22 x Sunfit VRX E-Tronic 160W	22 x Sunfit VRX3 E-Tronic 160W
Article number	2L3260S	2L3263
Equivalency code	160-R-123/9,1	160-R-40/2,7
Base Lamps	16 x Sunfit XL E-Tronic 120W	16 x Sunfit XL3 E-Tronic 120W
Equivalency code	120-O-58/9,3	120-O-28/4,6
Article number	2L3120	2L3123
Fuse*	3 x 16 A (slow)	3 x 16 A (slow)
Power Supply	3 x 400V+N+PE 50/60Hz	3 x 400V+N+PE 50/60Hz
Power circa	7.500 Watt	7.500 Watt
Weight circa	225 Kg	225 Kg

Service Parts And Registration

Besides that this Ultrasun Q10 is equipped with high quality parts, there is a possibility that parts get exposed to mechanical erosion. When this happens these parts need to be replaced. In the table *“Technical product information”* specific article numbers of the lamps and facial burners are mentioned. In the separately enclosed scheme the article numbers of the electrical parts are mentioned in the inscription. Below other parts are listed that can be ordered with their related article numbers.

Art. nummer	Artikel
2B0235	Bluefilter for facial : KOB– 215x235x3 mm
2W0016	Whitefilter for facial : BTE – 205x275x4 mm
2Z0101	UV eye protection sunglasses special for IQ Touch Control
5A0451	Acrylic plate for bed: 4mm
5A0460	Acrylic plate for top: 3mm (no options)
5A0461	Acrylic plate for top: 3mm
5A3014	Acrylic plate for shouldertanner: Model Q14
5M0012	Acrylic cushion transparent
5R0039	Synthetic profile – length 2039mm
5R0059	Synthetic profile – length 2059mm
5R0064	Synthetic profile – length 2064mm
2P0050	Paytronic payment system

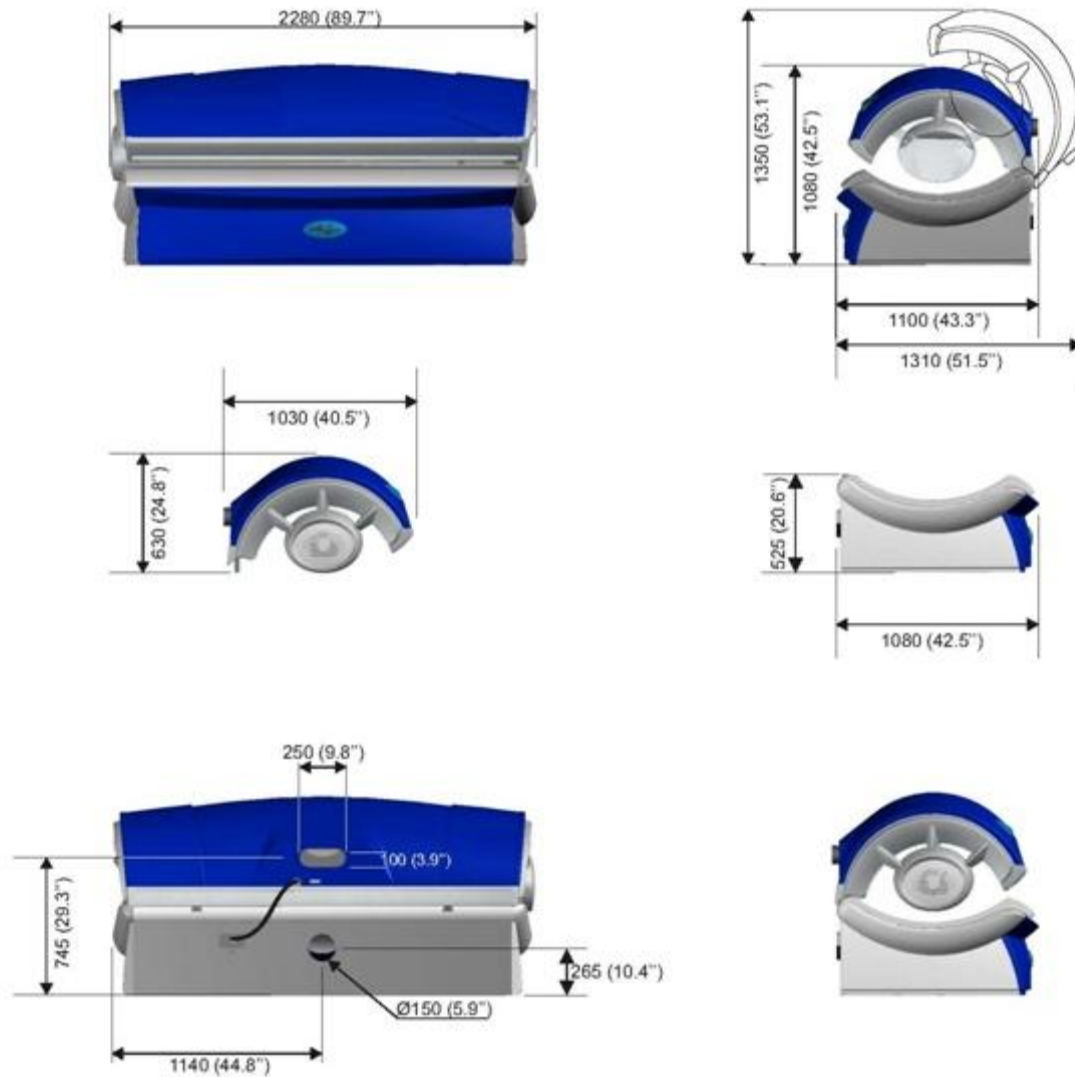
In order to keep a good overview of failures and ensuing repairs, we suggest you to register all notifications in the table on this page. Do not register messages that appear on the IQ Touch Control, these are stored in the timer memory and can be read out in parameter 180.

Enter all information as completely as possible in the table on the next page, so that you keep a good overview of the history of your Ultrasun Q10.

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Q10

Dimensions - Grundabmessungen - Afmetingen - Dimensions



All dimensions in mm.
Between brackets in inches.

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DISCLAIMER

Ultrasun pays close attention to the quality of its products. This also applies to the information in this user manual. Ultrasun reserves the right to change the content of this manual at any time. Though Ultrasun strives to always display the correct texts and images in her manuals, errors can occur. We cannot be held responsible for any errors in writing or printing. We kindly ask you to report any discrepancy using the contact details at the back of this user manual.

Thank you.

DECLARATION OF CONFORMITY

Directive 2014/35/EU and 2014/30/EU

We, Ultrasun International BV
 Granaatstraat 6
 7554 TR HENGELO, Holland

declare that this Ultrasun Q10 Magnum is in conformity
with the actual version of the following normative documents:

Applied harmonized Standards:

Safety: EN 60335-1
Safety: EN 60335-2-27
EMC: EN 55014-1 and EN 55014-2
EMC: EN 61000-3-2 and EN 61000-3-3

following the provisions of the following directives:

IEC-Directives: Low Voltage Directive
 2014/35/EU
 Electromagnetic Compatibility Directive
 2014/30/EU

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Manual IQ Touch Control & Scheme
Sheet are supplied separately