

Garda Sun

owners manual



SR7/8-01-010802

CE

sunrise
7000
8000

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WARNING

- Read 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 must agree with the voltage given on the machine type-plate.
- 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 flexible ductings are not connected.
- Never use this machine when the timer is faulty.
- This machine may not be operated if the temperature inside the cabin is 30°C or higher.
- Never use this machine when one of the acrylics is broken or removed. You must check this before use!
- Use this appliance only standing-up in the middle of the tanning plateau.
- The power supply should be installed by a qualified electrician.
- This device is intended to be used by one person at a time !
- This machine is not to be used by persons burning without tanning when exposed to the sun, by persons suffering from sunburn, by children aged <16 years or by persons suffering from or previously suffering from skin cancer or predisposed to skin cancer.
- Always use the protective sun glasses 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.
- Allow at least 48 hours between the first two exposures.
- Do not sunbathe and use the machine on the same day.
- Follow the recommendations concerning exposure duration and exposure intervals.
- Seek medical advice if persistent lumps, sores or pigmented moles develop on the skin.
- For the replacement of lamps, filters etc. use only the identical parts.
- Ultra-Violet 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, after a cataract operation for example, damage may occur to the retina after excessive exposure. Cataracts may develop after many repeated exposures.
- Use this machine only standing-up in the middle of the sun plateau. Do not overload the suspended weight of the suspension handle on top in the middle of this machine. The overload capacity is 30 Kg.
- In order to keep your Gardasun 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.

WARNING

WARNING LABEL

DANGER



WARNING

ULTRAVIOLET RADIATION

**FOLLOW INSTRUCTIONS – WEAR PROTECTIVE EYEWEAR;
FAILURE TO USE PROTECTIVE EYEWEAR MAY RESULT IN
SEVERE BURNS OR OTHER LONG TERM EYE INJURY – IF
DISCOMFORT DEVELOPS, DISCONTINUE USE AND CONSULT
A PHYSICIAN**

Danger:

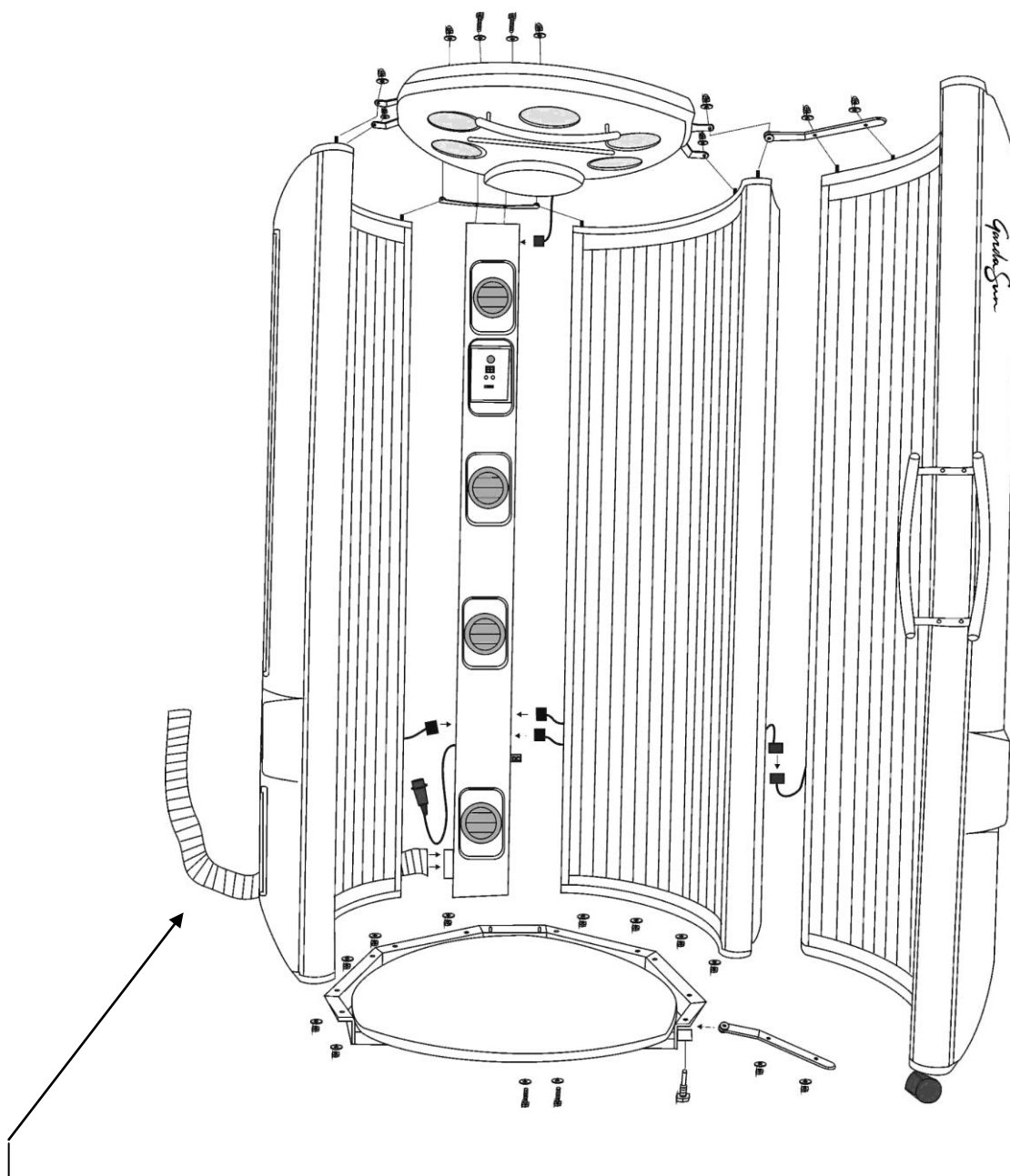
- Medications or cosmetics may increase your sensitivity to the Ultraviolet radiation. Consult a physician before using this product if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun you are unlikely to tan from the use of this product.
- Overexposure should be avoided.
- Children, the elderly or fair skinned people who always burn easily and either never tan or tan minimally should not use this equipment.
- Minimum use distance is 1 inch or 2,5 centimeter.
- Tanning may appear after one application, provided that your skin is capable of developing a suntan. Allow 48 hours between sessions to obtain a base tan, once or twice per week to maintain appearance.

Warning:

- Read the instructions booklet before using this product.
- This device is intended to be used by one person at a time.
- Use this appliance only standing-up in the middle of the sunplateau. Any other position may result in overexposure.
- Do not overload the suspended handle on top in the middle of this appliance. The overload capacity is 30 Kg.
- Recommended eyewear: provided eyeshields (Sunfit Lighting BV type 2000) or equivalent eyewear as defined under 21 CFR 1040.20. 2(b) (6).
- Two pairs of protective eyewear are furnished with this equipment and should be worn by all persons in the room when the lamps are on.
- Always unplug this product immediately after using.
- Disconnect power cord also before attempting to clean, replace lamps or engage in the maintenance of this product.
- **The following lamps have been certified for use in this equipment:**
(For SUNRISE 8000 the label is:) SUNFIT XL 180 W.
(For SUNRISE 7000 the label is:) SUNFIT VRX 160 W.
- **This product conforms with performance standards for sunlamp products under 21CFR part 1040.20.**

This product has been manufactured in accordance with the Radio Interference Suppression requirements of the EEC Directive no. 82/499 resp. 85/500 and in compliance with UL 482 and CSA standards (UL and CSA are copyrighted trademarks of their respective organizations).

Assembling Drawing Sunrise 8000



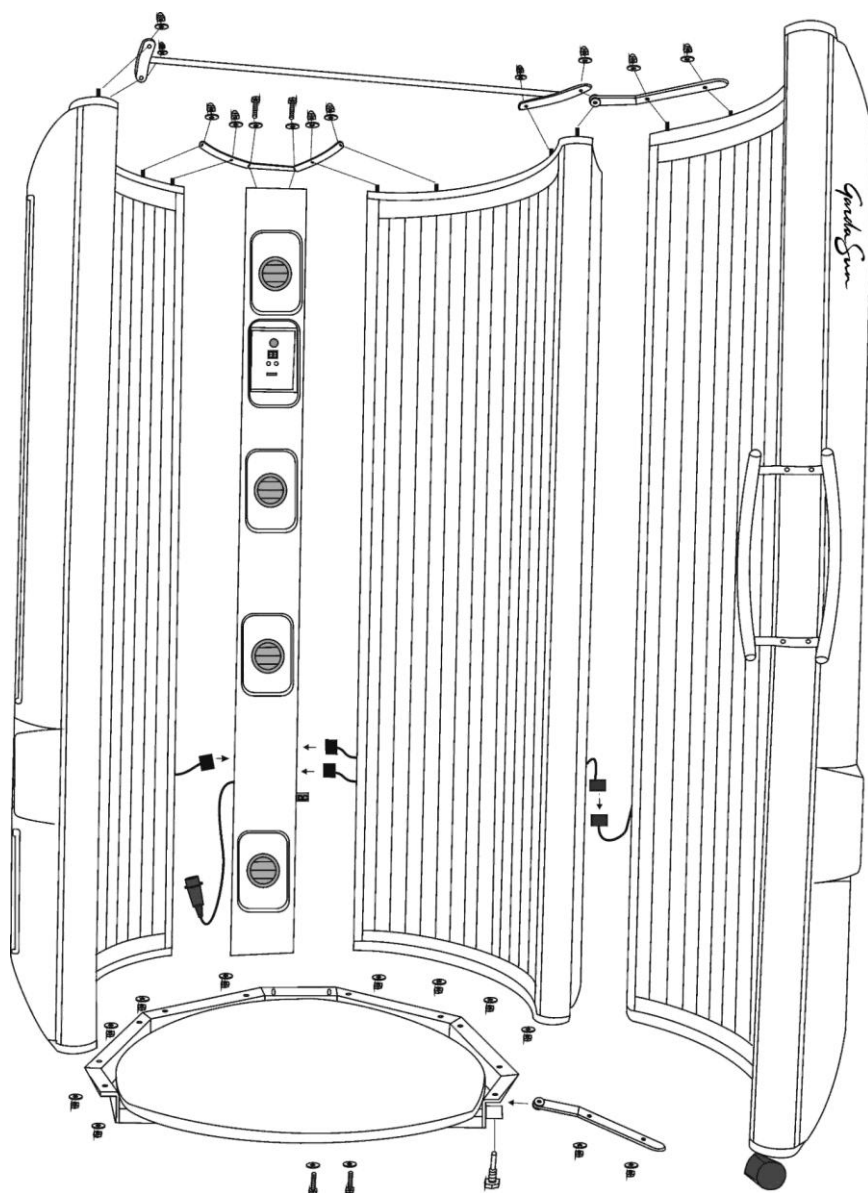
If you connect the enclosed hose Ø 100 (4 meters long) make sure there is enough fresh air going into the room. Connecting the hose for extracting the warm air of the room and machine is recommendable.

WARNING: do not exceed 4 meters of hosing inclusive ducting for airextraction.

Make sure the red panic button is pulled out and read the tanning schedule on the body-cooling panel.

We advise you to save the original packaging of your Gardasun Sunrise 8000 for a period of 3 months.

Assembling Drawing Sunrise 7000



Make sure the red panic button is pulled out and read the tanning schedule on the body-cooling panel.

We advise you to save the original packaging of your Gardasun Sunrise 7000 for a period of 3 months.

Introduction

As many sun worshippers have a preference for upright tanning instead of the reclined position, GardaSun developed the Sunrise 7000/8000. This Stand-up gives you the possibility to enjoy sunlight in an even more comfortable way during the whole year. The Sunfit Lamps guarantee maximum results in no time. The Sunrise 7000/8000 offers you all possible tanning effectiveness, provided you strictly follow the user's instructions.

Instructions for use

- After you have installed the Sunrise 7000/8000 according to the assembly drawing, plug in the main plug.
- Stand-by

In Use

Overrun

When START is selected the pre-set time is indicated (standard default setting of 15 minutes) and the sunbed is operational. With the Time-button you can reduce the time lapse.

A buzzer will sound when the session has only 10 seconds left to run.

The lamps switch off automatically and the fans will overrun for three minutes. This is marked on the display with "n".
- During the tanning session the body cooler can be set faster or slower with the FAN switch.
- Pushing the PANIC button will turn off the power supply of the Sunbed.
USE THIS PANIC BUTTON ONLY IN CASE OF EMERGENCY.
After the PANIC button is pulled out, the stand-up will automatically begin with the Cooling Down period.
The timer will automatically revert to the Overrun position if there is any interruption to the power supply during "in Use" or aftercooling (= Overrun).
- If you do not use the Sunrise 7000/8000 for a long period of time, we advise you to unplug the unit.

Exposure schedule Sunrise 7000/8000

RECOMMENDED EXPOSURE SCHEDULE		MAXIMUM EXPOSURE TIMES (IN MINUTES)			
CLASS:	SKIN TYPES:	WEEK 1	WEEK 2	WEEK 3	MAX
I	Sensitive Skin Burns easily and severely, and does not tan.	<i>Tanning not advised</i>			
II	Light Skin Burns easily and severely, and tans minimally.	4	8	12	15
III	Normal Skin Burns moderately, and tans moderately.	5	9	12	15
IV	Dark Skin Burns minimally, and tans well or above average.	6	10	13	15

The use of the solarium

A base tan should take a maximum of 10 days or less. Individual results may vary. The sensitivity of the skin is not the same throughout the year. That is the reason why one or two tanning sessions do not always show immediate results. If the result is not satisfying after a number of sessions, the indicated time may be extended by a couple of minutes, but not to exceed the allotted maximum tanning time. Should your skin feel tight after the first session, we would advise you to choose the schedule for a more sensitive skin. After the first session you should have a break of 1 day. We strongly advise you not to tan in the natural sunlight within a 24-hour period of tanning session.

After achieving your base tan we recommend one or two tanning sessions a week to maintain.

Important information

For safe tanning the following precautions have to be taken:

1. Always use the provided eyewear.
2. Remove cosmetics before tanning.
3. Do not take more than one sunbath a day and avoid exposure to the natural sun during a solarium session.
4. Do not deviate from the recommended tanning schedule.
5. Consult your doctor if persistent lumps, sores or birthmarks develop on the skin.

Troubleshooting

- If your GardaSun Sunrise 7000/8000 or part of it (Door or Fixed Panel) doesn't function, please check:
 - the PANIC button
 - the fuses/differential switch of your main supply
 - the connection between the Door Panel, Standing Panel and the bodycooler and airextractorpanel (only Sunrise 8000).
- If there is one or more lamps that do not function, please check if the lamps are inserted into the lamp holders properly by turning the lamps.
This also pertains to the starters, placed near the ends of the lamps. If this does not rectify the problem check if the lamp or starter is defective by placing a good lamp and/or starter (see replacing lamps and starters) in its' place. If it appears not to be the lamp or starter there could be a faulty electrical connection inside the Sunrise.
- Switch off the power supply to the machine when:
 - working inside the appliance
 - fans are out of order
 - technical failures
- Please contact the technical service department in case the problem can't be solved with the above mentioned possibilities.

Replacing lamps and starters

The estimate lifetime of this lamp is approximately 800 hours.

Before replacing the lamps and/or starters always unplug the equipment first!

For the replacement of lamps, starters filters etc. use only the recommended parts.

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

- a. Remove the acrylic sheet by loosening the plastic strips. Pulling them upwards can loosen the plastic strip. After that you can move the acrylic sheet up or down. At the other side you can carefully take out the sheet.
- b. Remove the lamps by turning them to the left or right and take them from their holders.
- c. Remove the starters by turning them, a little, to the left.
- d. Place the new lamps and starters in the same way. Always use the same type of lamps/starters.
- e. Replace the acrylic sheet by pulling it back into the slides of the endcaps. Then it is in the right position, click the plastic strip down wards to fix them.

Fluorescent lamps contain materials that can be dangerous for the environment. We, therefore, request that you have them destroyed in an eco-friendly manner by your local municipality.

Maintenance

Clean the acrylics/standing panel after every tanning period.

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

- * visual inspection of all parts inside
- * remove dust and wipe down the lamps
- * working of the whole machine
- * control screws and nuts (if loose tighten)
- * check all electrical cables and connections
- * pay attention to strange noises inside

Consult an authorized service agent in the event of any electrical failure with your GardaSun machine.

Cleaning the solarium

1. The outer side of your solarium should be cleaned with a damp cloth. Take care that no water enters the inside of your solarium.
2. The lamps should be cleaned with a dry cloth.
3. The acrylic sheet should be cleaned with a damp cloth if, due to static electricity, dust appears on the inside of the acrylic.

* Only use water or an approved cleaning substance on your tanning equipment!

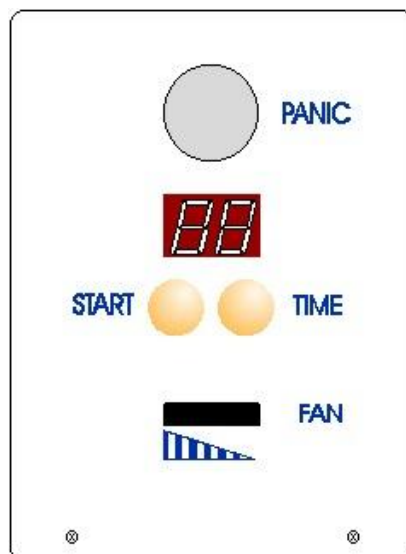
Technical data

The voltage of the network: USA/Canada : 220 Volt / 60Hz
 Europe etc. : 3 x 400 Volt / 50Hz

The GardaSun Sunrise 7000/8000 is class I insulated and must be connected to a grounded wall-socket.

GardaSun Sunrise 8000	:	8.000 Watt	36 Amps.
Lamps	:	48 x Sunfit Professional XL180 W	
Acrylic sheets	:	1.950 x 770 x 2 mm	
GardaSun Sunrise 7000	:	7.000 Watt	32 Amps.
Lamps	:	42 x Sunfit Professional VRX160 W	
Acrylic sheets	:	1.950 x 770 x 2 mm	

MULTI FUNCTIONAL TIMER LUMAX 4.0



Introduction

The Timer of this solarium is based on a microprocessor that guarantees perfect function of your stand-up solarium.

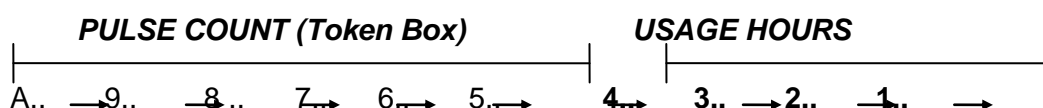
The timer is provided with a standard program controlled at the Control Panel.

The Control Panel has a two-digit display together with four buttons (see drawing above).

The timer can easily be reprogrammed should the standard program require alteration.

Reading sunbed Usage Hours

During the Stand-by position the Pulse Count (Token Box is not standard included) and Sunbed Usage Hours can be quickly read. Push the TIME button for at least five seconds. The display will show automatically the Pulse Count and Usage Hours in following order:



The 2nd no. next to the **A** is the no. of hundredthousands f.e. **A1**

The 2nd no. next to the **9** is the number of tenthousands **90**

The 2nd no. next to the **8** is the number of thousands

The 2nd no. next to the **7** is the number of hundreds

The 2nd no. next to the **6** is the number of tens

The 2nd no. next to the **5** is the number of units

81

76

68

59

Total Pulse Count (= 1 0 1 6 8 9 Pulses)

1 0 1 6 8 9 Pulses

The 2nd no. next to the **4** is the number of thousands f.e. 40

The 2nd no. next to the **3** is the number of hundreds

The 2nd no. next to the **2** is the number of tens

The 2nd no. next to the **1** is the number of units

35

26

19

Total Usage Hours (= 0 5 6 9 hours)

0 5 6 9 Hours

Checking / Reading / Adjustment of the data parameters

While in the Stand-by position, the parameters can be read and/or altered. The set-up is called 'parameters' and is indicated in the display with the letter P.

In the following chapter we will give step by step instructions on how to program the data parameters.

To gain entry to the data parameter program, press the following key combination:

*** Press the TIME button and simultaneously press five times the START button.**

PLEASE NOTE: The time available to carry out above actions to gain entry is 5 SECONDS. Otherwise you will enter the Sunbed Usage Hours program (see chapter above).

At this point P1 (Parameter 1) appears on the two-digit display. By pressing the TIME button the parameters P1 up to P9 can be selected.

To read the value of the parameter appearing on the two-digit display, press the START button. To change the value press the START button again. This button now has an automatic repeat function, by pressing the button continuously.

When you have read/changed the parameter-value, press the TIME button again to return the P1 to P9 parameter-menu and you can then proceed to read/change the next parameter. The new value(s) will be programmed directly into the memory of the timer.

You will automatically **leave/exit** the parameters program, if you don't press a button within 15 seconds in the parameter-menu (P1 up to P9).

PARAMETERS

<u>Parameter</u>	<u>Description</u>	<u>Selection</u>
P1:	Exposure Time	00 - 60 Minutes
P2:	Users Mode	00 : Normal Use; Start with START button 01 : Remote control (external timer/switch) 02 : Token Boxes (Coin Control)
P3:	Freeze interruption Cooling Down Period (= Overrun Period)	00 : Not freezed 01 : Freezed
P4:	Cooling Down Time	00 - 09 Minutes
P5:	Pre-run Time	00 - 09 Minutes
P6:	Time per Token	00 - 60 Minutes; only in Param. mode P2-02
P7:	Minimum Token Insert	01 - 10 coins; only in Parameter mode P2-02
P8:	Endsignal	00 - 60 Seconds
P9:	Turn Around Signal	00 = Off; 01 = On

Parameter P1

Time adjustment for the maximum Exposure Time. This is for all Users Modes.

Parameter P2

Adjusting Users Mode; The Users Mode is adjustable from 00 up to 02.

- Parameter P2-00

Adjustment for Normal Use; Start by pushing the START button.
10 Seconds before ending the tanning period a buzzer will signal.

- Parameter P2-01

Adjustment for Remote Timer Control (external timer/switch). The sunbed will start by closing an open/close switch. This can be a switch or remote timer. After the Pre-run Time, if programmed, the tanning time will be indicated on the display, increasing from starting point 00.

While disconnecting the contact by remote control the sunbed will stop and the Cooling Down (Overrun) will start to run. The GardaSun Timer will only allow a pre-set time equal to or less than the minutes indicated in P1 to be entered.

For connecting examples see chapter "Connecting Remote Control".

The buzzer indicating the last 10 seconds of a tanning session only functions when the maximum Exposure Time P1 has been set.

- Parameter P2-02

Adjustment of Token Boxes (Coin Control); The sunbed starts by means of an open/close pulsecontact of the coinfeeler in the token system. Depending on the Time per Token P6, it is possible to insert tokens into the token box until reaching desired Exposure Time P1.

PLEASE NOTE: If Pre-run Time P5 is programmed, the display will show invariably the Pre-run Time (indicated by **u**) and the tanning time.

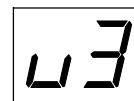
It is not recognizable that the Exposure Time P1 has been reached.
10 Seconds before ending the tanning period a buzzer will signal.

Do not insert tokens while the bed is in use and during the Cooling

Down

period (if parameter is set on P3-01)

For connecting examples, see chapter "Connecting Remote Control".



Pre-run Time

Parameter 3

Adjustment for the Freeze interruption Cooling Down Period (Overrun Period); This function allows you to freeze or not to freeze the interruption of the Cooling Down Period. So therefore it is or isn't possible to start the Sunbed directly during the After Cooling Period. This parameter is standard programmed with P3-01.

- Parameter P3-00

Adjustment for Not Freezed; In this mode it is possible to start the sunbed again during the After Cooling Period:

- Normal Use with the START button
- Remote Control with the external switch
- Token Boxes by inserting a token

If the Pre-run time is set, the timer will start with the Pre-run time first. In this case the ventilation doesn't stop during the Pre-run time.

- Parameter P3-01

Adjustment for Freezed; In this mode it is not possible to start the sunbed again during the After Cooling Period. Only back into the Stand-by position it is possible to start again.

Parameter 4

Adjustment of the Cooling Down Time; After the Exposure Time is finished, the Cooling Down Time will commence, indicated on the display with an **n**. The standard time of the Cooling Down is 3 minutes.

Parameter 5

Adjustment of the Pre-run Time (warm up timer);
The Pre-run Time P5 is an adjustment of an interval before starting the sunbed. After the interval, the sunbed will start automatically. On the display this is shown by a '**u**' and the number of minutes 'pause'. See drawing beside the precurrent time with 3 minutes. This Pre-run Time is programmed to a standard 0 minutes.

Further to the Pre-run Time;

- During the Pre-run Time it is always possible to start the machine by pushing the START button.

Parameter 6 (Only when P2-02)

Adjustment of the Time per Token; At this point it is possible to attach a certain time bands to each token. This can for example be the maximum Exposure Time P1 or a part of that time. By inserting a token at this point a time will be assigned on the timer. When inserting the next token the time will be added to the previous time(s) used on the sunbed but the Exposure Time P1 will remain constant.

PLEASE NOTE: The Time per Token will not last longer than the pre-set (programmed) Exposure Time P1.

Parameter P7 (Only when P2-02)

Adjustment of the Minimum Token Inserts. Inserting at least this amount of tokens is necessary for starting the timer/sunbed. Default setting is 01. By inserting a token Time P6 will be assigned on the timer. See explanation Parameter P6. More tokens can be inserted until the maximum Exposure Time P1 has been reached.

PLEASE NOTE: The Time per Token will not last longer than the pre-set (programmed) Exposure Time P1.

Parameter 8

Adjustment on the Endsignal. Default setting is 10 seconds. A buzzer will sound when the session has only 10 seconds left to run. The Endsignal can be set for 0 (=off) to 60 seconds. The Buzzing sound occurs twice every second.

Parameter 9

Adjustment for Turn Around Signal

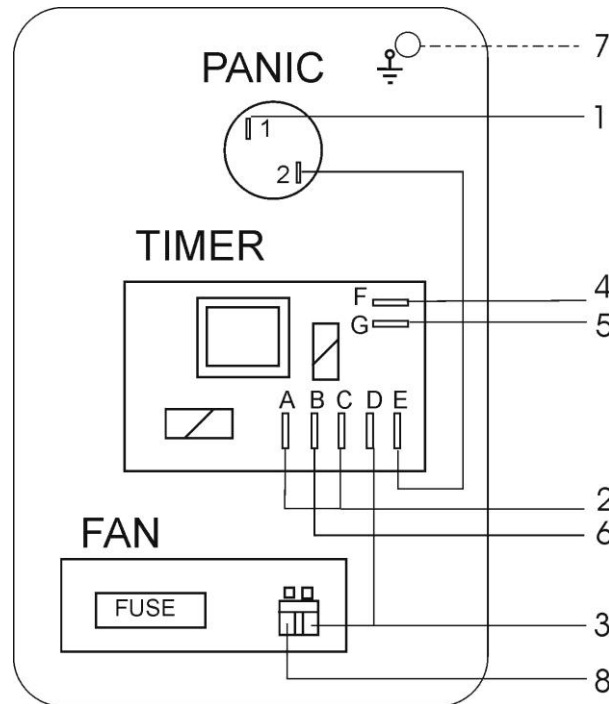
P8 = 00; Turn Around Signal is deactivated.

P8 = 01; Turn Around Signal is activated.

- Parameter P2=00: Half-way through the Exposure Time P1, the Turn Around Signal will be heard by a buzzer (approx. 4 times one second).
- Parameter P2=01; Half-way through the Exposure Time P1, the Turn Around Signal will be heard by a buzzer (approx. 4 times one second). In case of not using the maximum Exposure Time P1 the Turn Around Signal will be heard too soon.
- Parameter P2=02; Half-way through the exposure time accomplished by tokens, limited by Exposure Time P1, the Turn Around Signal will be heard by a buzzer (approx. 4 times one second)

CONNECTIONS OF THE TIMER / CONTROL PANEL

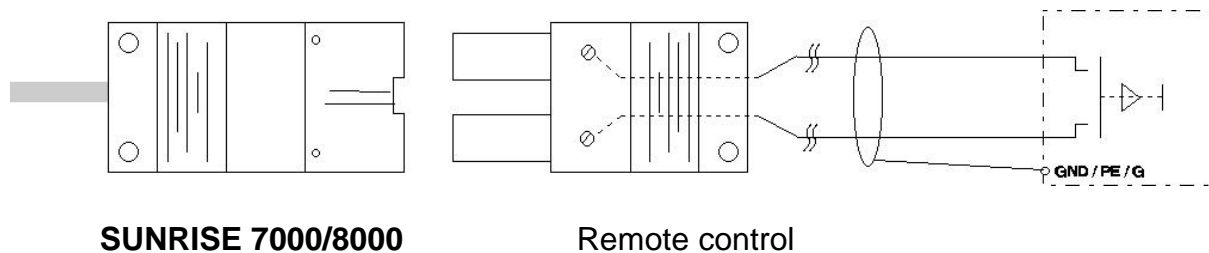
On the reverse of the Control Panel you will find all the connections.
PLEASE BE SURE TO TURN OFF THE POWER SUPPLY BEFORE ATTEMPTING ANY
WORK ON THE CONNECTIONS.



Pin assignment	Timer = Lumax 4.0
1) Neutral form main	A) 'Life' from main
2) 'Life from main	B) Output for Fans
3) Contactor for tubes	C)+D) Open/close connection for lamps and body cooler
4) External pulse contact in	E) Neutral form main
5) External pulse contact in	F)+G) Open/close connection for remote control
6) Fans	
7) Potential earth	
8) Body-cooler	

CONNECTIONS FOR REMOTE TIMER CONTROL

Only for remote timer control with open/close contacts



At the back of your Stand-up Sunrise 7000/8000 you'll find the connection for the remote timer control. The connections correspond to the above drawing. The coupling socket can be adapted for a control panel or Token Box. Wrong connections from the connector could damage the timer.

PLEASE NOTE: The connection is only meant to control your Sunrise 7000/8000 by a token box or control panel with a potential free (normally open) switch.

GARDASUN DIGITAL TIMER

PROGRAMMING DIGITAL TIMER FOR USE WITH REMOTE CONTROL

(Remote Control is a unit with a potential free (= NO Voltage) open/close contact.)

1. The remote port on the back of the GardaSun unit needs to be wired to your remote timer. There are two terminals. Two-Switch Legs to be hooked up to your remote timer.

While programming the timer, if there is a 15 second lapse, the timer will return to its' original manufacturer's state.

2. Locate the "Time" and "Start" button on the digital timer keypad
3. To access the changing of the parameters of the digital timer - hold the "Time" button in and press the "Start" button five times.
The display should indicate P1.
4. With both buttons released, push the "Time" button until it shows P2.
5. Push the "Start" button twice until it displays 01.
6. Press the "Time" button. Timer will display P2.
7. Wait fifteen seconds until the display reads 00. The timer is programmed.

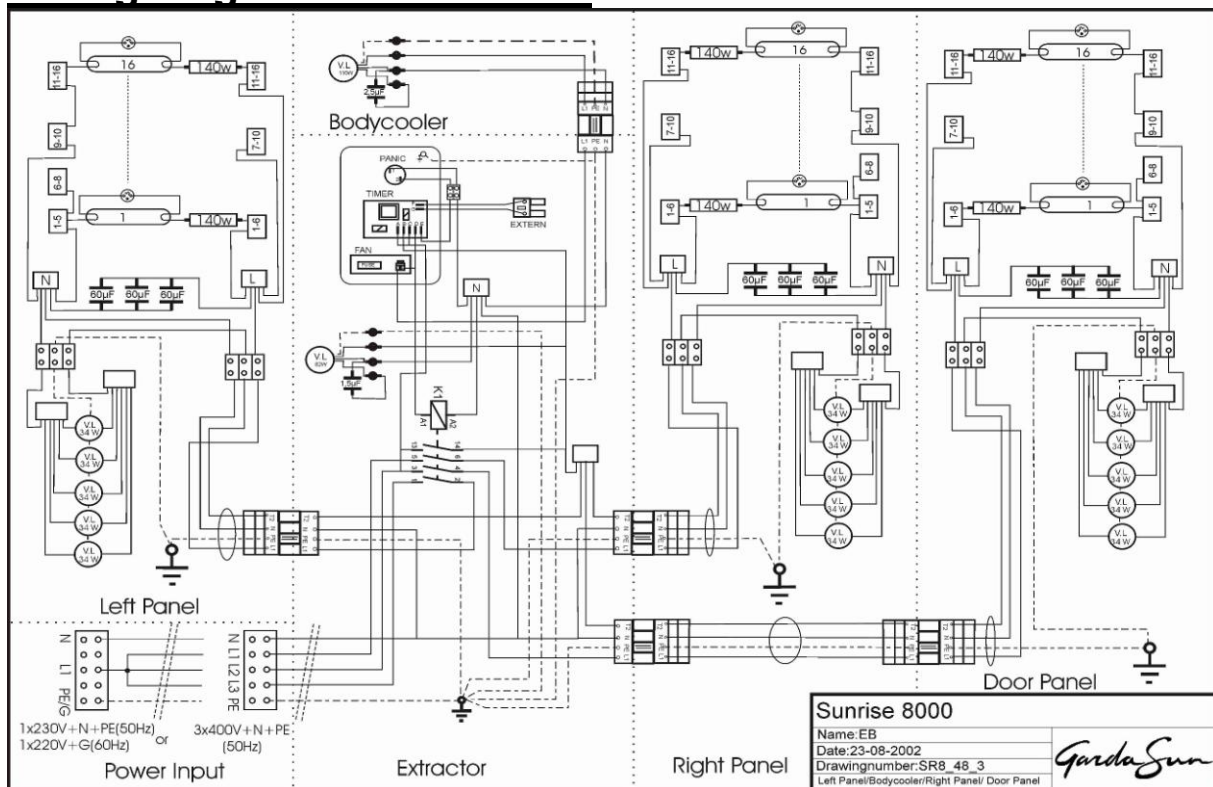
Programming is complete. Test by pushing the start button, if the unit does not come on, it has been properly programmed.

CAUTION

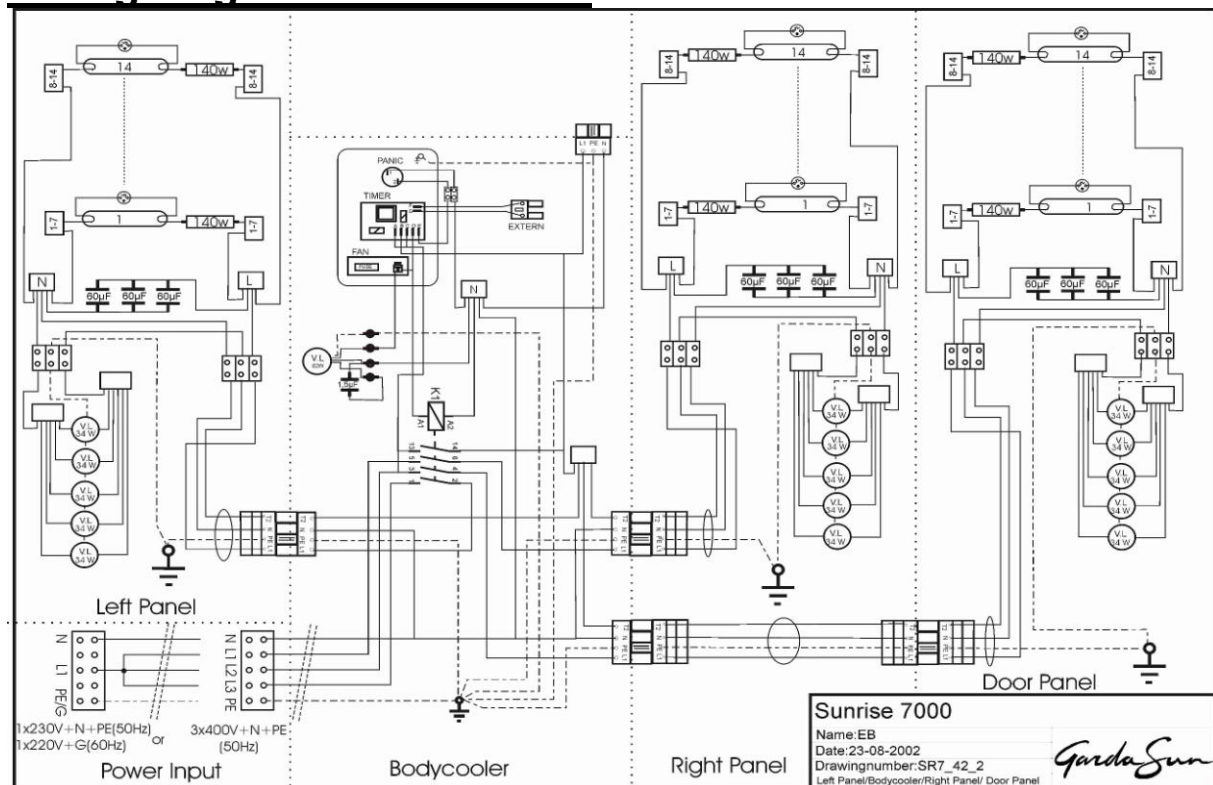
POWER SHOULD BE OFF TO THE SUNBED WHILE YOU ARE CONNECTING THE REMOTE TIMER, DAMAGE MAY OCCUR TO THE DIGITAL TIMER IF THE POWER IS ON.

* Please contact your distributor for any further instructions if you have problems performing the above functions.

Wiring diagram Sunrise 8000



Wiring diagram Sunrise 7000



DECLARATION OF CONFORMITY

(Directive 93/68/EEC and 89/336/EEC (92/31/EEC))

We,

**Ultrasun International B.V.
Granaatstraat 6
7554 TR HENGELO, Holland**

declare that this product is in conformity with the following normative documents:

Applied harmonised Standards:

Safety: EN60335-1

Safety: IEC335-2-27 + HD272S2

EMC: EN55014

EMC: EN50082-1

following the provisions of the following directives:

EEC-Directives:

Low Voltage Directive

93/68/EEC

Electromagnetic Compatibility Directive

89/336/EEC (as amended by 92/31/EEC)

Issued by:

**Ultrasun International B.V.
Research & Development and Technical Services Division**

Hengelo



KONFORMITÄTSEKHLÄRUNG

(Richtlinien 93/68/EEC und 89/336/EEC (92/31/EEC))

Wir, **Ultrasun International B.V.**
Granaatstraat 6
7554 TR Hengelo, Netherlands

erklären, daß dieses Produkt folgenden Normen entspricht:

Angewandte harmonisierte Normen:

Sicherheit:	EN60335-1
Sicherheit:	IEC335-2-27 + HD272S2
EMC:	EN55014
EMC:	EN50082-1

gemäß der Niederspannungsrichtlinie (elektrische Sicherheit) und
Richtlinie Elektromagnetische Verträglichkeit (EMC-Richtlinie).

Einschlägige EEC-Richtlinien:

Niederspannungsrichtlinie
93/68/EEC
EMC-Richtlinie
89/336/EEC (92/31/EEC)

Herausgegeben von:

Ultrasun International B.V.
Research & Development and Technical Services Division

Hengelo

Ultrasun International B.V.
Granaatstraat 6
7554 TR Hengelo, Netherlands

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DECLARATION DE CONFORMITE

(Directive 93/68/EEC et 89/336/EEC (92/31/EEC))

Nous, **Ultrasun International B.V.**
Granaatstraat 6
7554 TR Hengelo, Netherlands

déclarons que ce produit est conforme aux normes suivantes:

Normes:

Sécurité:	EN60335-1
Sécurité:	IEC335-2-27 + HD272S2
EMC:	EN55014
EMC:	EN50082-1

et respecte la directive sur la basse tension (sécurité) ainsi que
celle sur les compatibilités électromagnétiques (EMC).

EEC-Directive:

La directive sur la basse tension
93/68/EEC
La directive compatibilités électromagnétiques
89/336/EEC (92/31/EEC)

Edité par:

Ultrasun International B.V.
Research & Development and Technical Services Division

Hengelo

Ultrasun International B.V.
Granaatstraat 6
7554 TR Hengelo, Netherlands

V_EEG_d-f-n-z.doc



CONFORMITEITSVERKLARING

(Richtlijn 93/68/EEC en 89/336/EEC (92/31/EEC))

Wij, **Ultrasun International B.V.**
Granaatstraat 6
7554 TR Hengelo, Netherlands

verklaren dat dit product is samengesteld conform de eisen in de
volgende documenten:

Toegepaste geharmoniseerde Normen:

Veiligheid:	EN60335-1
Veiligheid:	IEC335-2-27 + HD272S2
EMC:	EN55014
EMC:	EN50082-1

volgens de Laagspanningsrichtlijn (elektrische veiligheid) en de
Elektromagnetische Compatibiliteitsrichtlijn (immunititeit en emissie).

Bepalingen EEC-Richtlijnen:

Laagspanningsrichtlijn
93/68/EEC
Elektromagnetische Compatibiliteitsrichtlijn
89/336/EEC (met amendementen 92/31/EEC)

Uitgegeven door:

Ultrasun International B.V.
Research & Development and Technical Services Division

Hengelo

Ultrasun International B.V.
Granaatstraat 6
7554 TR Hengelo, Netherlands

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DEKLARASJON

(Direktivert 93/68/EEC og 89/336/EEC (92/31/EEC))

Vi, **Ultrasun International B.V.**
Granaatstraat 6
7554 TR Hengelo, Netherlands

erklærer dette produktet i sammsvar og henhold til følgende
dokumenter:

Normen:

Sikkerhet:	EN60335-1
Sikkerhet:	IEC335-2-27 + HD272S2
EMC:	EN55014
EMC:	EN50082-1

disse etterfølger kravene til lav spennings direktivert (sikkerhet) og
den Elektromagnetiske Kompatibilitets Normen (EMC).

EEC-Direktivert:

kravene til lav spennings direktivert
93/68/EEC
Elektromagnetiske Kompatibilitets Normen
89/336/EEC (92/31/EEC)

Ustedt av:

Ultrasun International B.V.
Research & Development and Technical Services Division

Hengelo

Ultrasun International B.V.
Granaatstraat 6
7554 TR Hengelo, Netherlands

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**ULTRASUN INTERNATIONAL B.V.
GRANAATSTRAAT 6, 7554 TR
P.O. BOX 108, 7550 AC
HENGELO, THE NETHERLANDS**

**e-mail : info@gardasun.com
web-site : www.gardasun.com**

**PHONE : +31 (0)74 - 291 22 15
FAX : +31 (0)74 - 291 58 37**

**ULTRASUN DEUTSCHLAND GmbH
Holsterfeld 5, D-48499
Salzbergen, DEUTSCHLAND**

**e-mail : ultrasun@t-online.de
web-site : www.ultrasun.nl**

**Telefon : +49 (0)5971 – 80309-0
Fax : +49 (0)5971 – 80309-28**

**ULTRASUN USA Inc.
4305 SAGUARO TRAIL
INDIANAPOLIS IN 46268
U.S.A.**

**e-mail : sales@ultrasunpro.com
web-site : www.ultrasunpro.com**

**PHONE : (317) 280 7000
: (800) 858 7229
FAX : (317) 280 7010**