

Part I. Installation

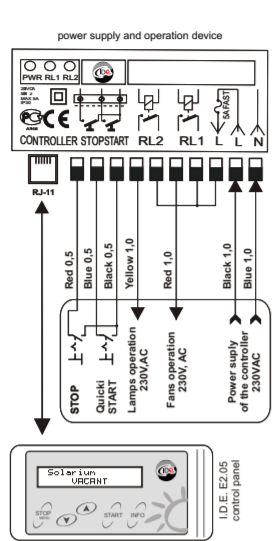
The installation of the I.D.E. e2.05 controller should be conducted by the authorized service...

Disconnect power supply in the sunbed before installation.

Read the sunbed manual to choose the optimal type of connection before preparing electrical connections...

Electrical connection-Type A

1. Prepare the following circuit connections (picture 1). These connections provide power supply for the controller and enable operations on the lamps and fans operation control circuit connection (230 V, AC)...



Picture 1. Electrical connection-Type A

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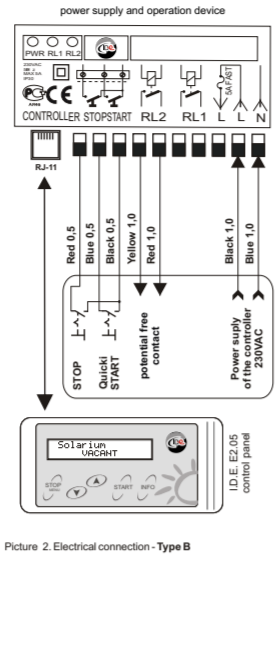
In case of sunbeds with single STOP button, sky blue and orange wires should be connected together...

After the above connections have been made, fasten the I.D.E. e2.05 control panel and connect it to the power supply and operation device.

Electrical connection-Type B

In case of potential free connection, cable bridge with is included to the other cables in plastic bag, can not be connected!

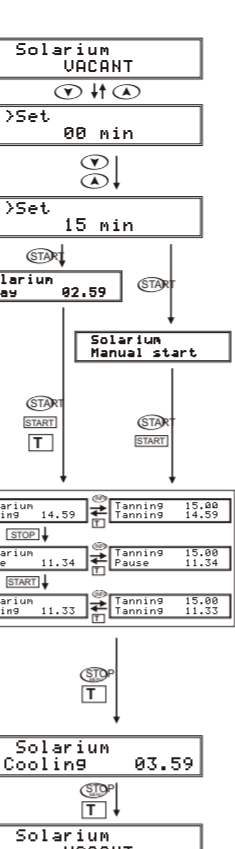
1. Prepare the following circuit connections (picture 2). These connections provide power supply for the controller. Connect the following wires to the sunbed.



Picture 2. Electrical connection-Type B

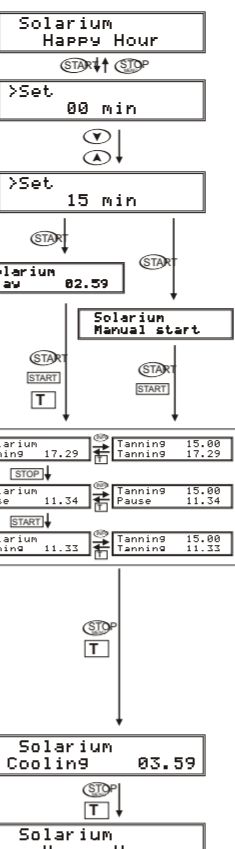
Part II. Operating manual

1. Operating mode
1.1. Operating cycle
1.1.1. Happy Hour-off
To turn on sunbed:
1. When the controller is on standby, press STOP button.



Part II. Operating manual

1. Operating mode
1.1. Operating cycle
1.1.1. Happy Hour-on
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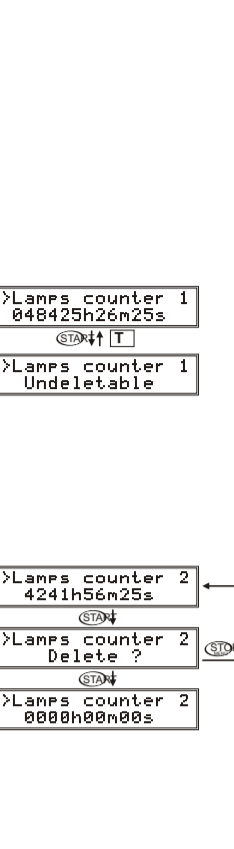
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Changes in the controller's menu settings are executed in the programming mode. Controller's main menu is protected by the code, which prevents from entering the unauthorized changes.



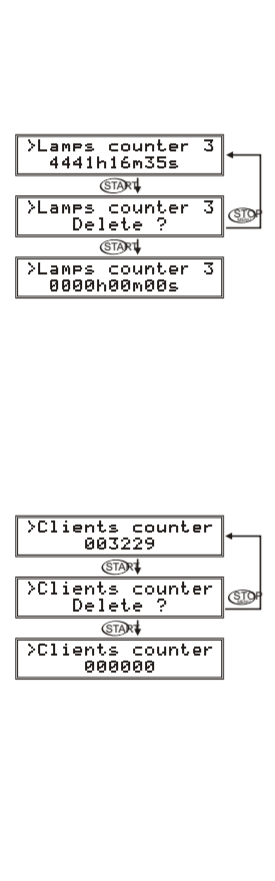
Part II. Operating manual

1. Programming work
2.1. Protected settings
2.1.1. Counters
In the Protected settings submenu (see page 7) it is possible to browse and delete the following counters:



Part II. Operating manual

Lamps counter 3
Lamps counter 3 (deletable) shows real lamps operation time since the last deleting.
Counter's capacity: <000000000s> 9999h59m59s



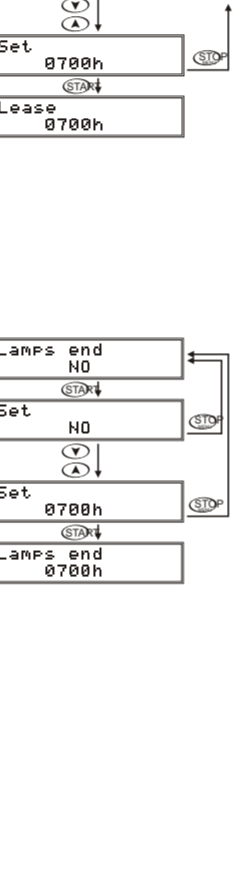
Part II. Operating manual

Paid time counter
Paid time counter (deletable) shows the total sessions time, set by the user, since the last deleting.



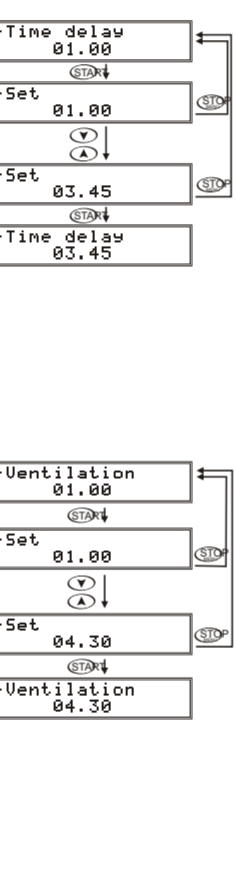
Part II. Operating manual

Lamps end
Lamps end option is used to set time, after which the lamps in the sunbed should be changed.



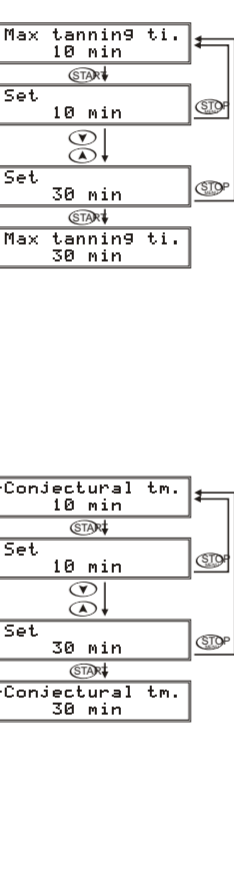
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Time delay
Time delay is the time necessary for the client to prepare for session. The time delay is counted down from the moment of pressing STOP button, confirming the set session time.



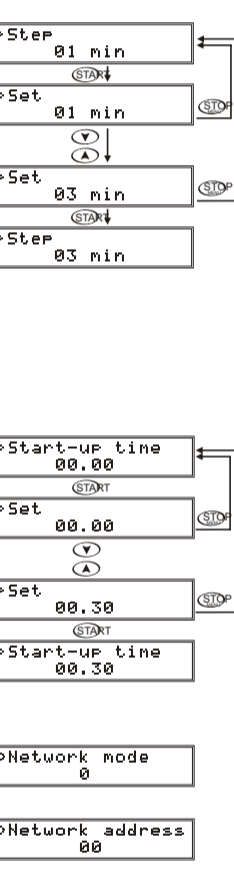
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Conjectural time
Conjectural time is the time of single session which appear on the controller display right after STOP button is pressed in standby mode.



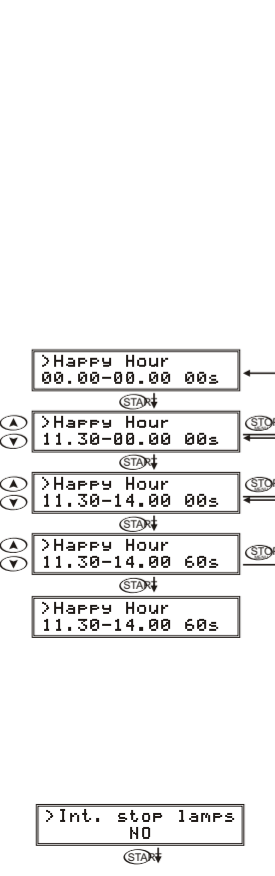
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Start-up time
Start-up time is the time added to each session. Range of setting: <00:00> 12:00 > (min) 00:00



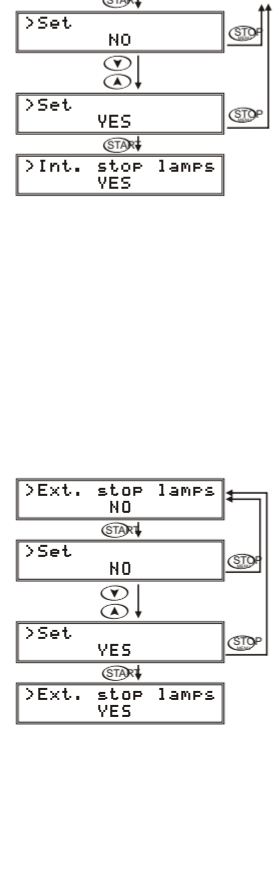
Part II. Operating manual

Happy Hour
Happy Hour option is used in the operating mode, to increase each minute of set session time with the "bonus time" parameter value, in the certain day time.



Part II. Operating manual

External stop lamps
Activating External stop lamps option allows to turn off the lamps for a while during the session with STOP button in the sunbed and restart them with STOP button.



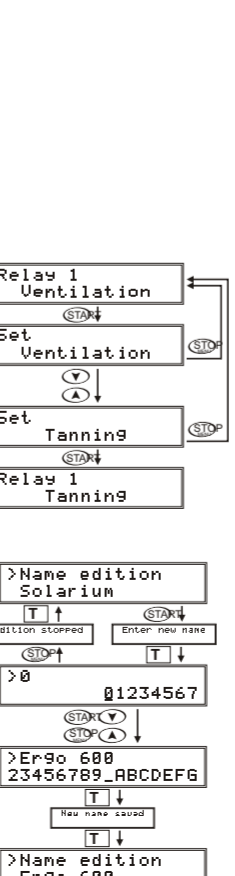
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Stop fans
Activating Stop fans option allows to turn off the fans during the ventilation with STOP button in the controller (end of session).



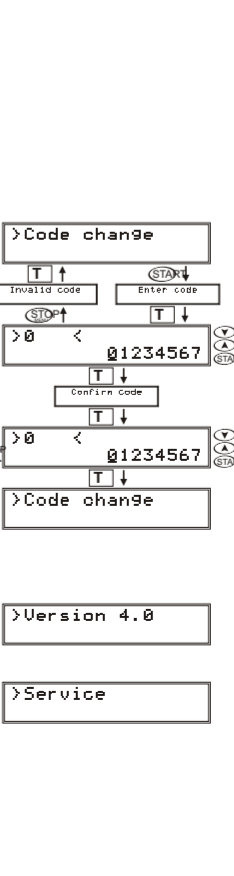
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Relay 1
Relay 1 option is used to choose cooling steering relay work mode. If "Ventilation" is chosen the normal cooling steering relay will work.



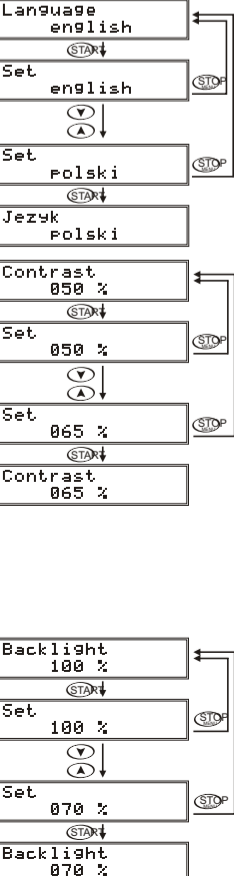
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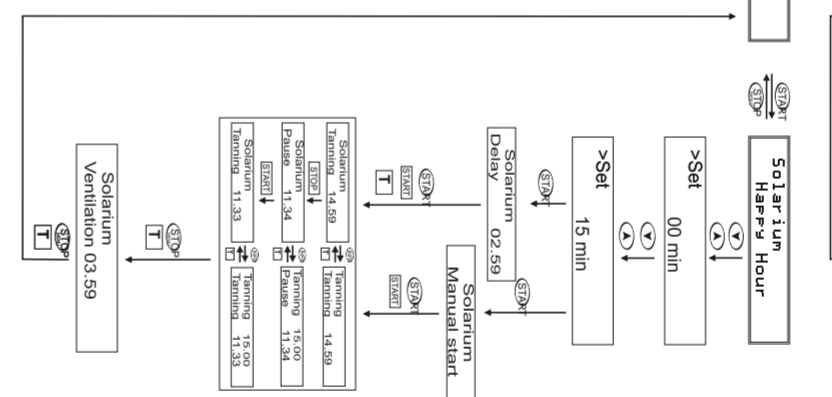
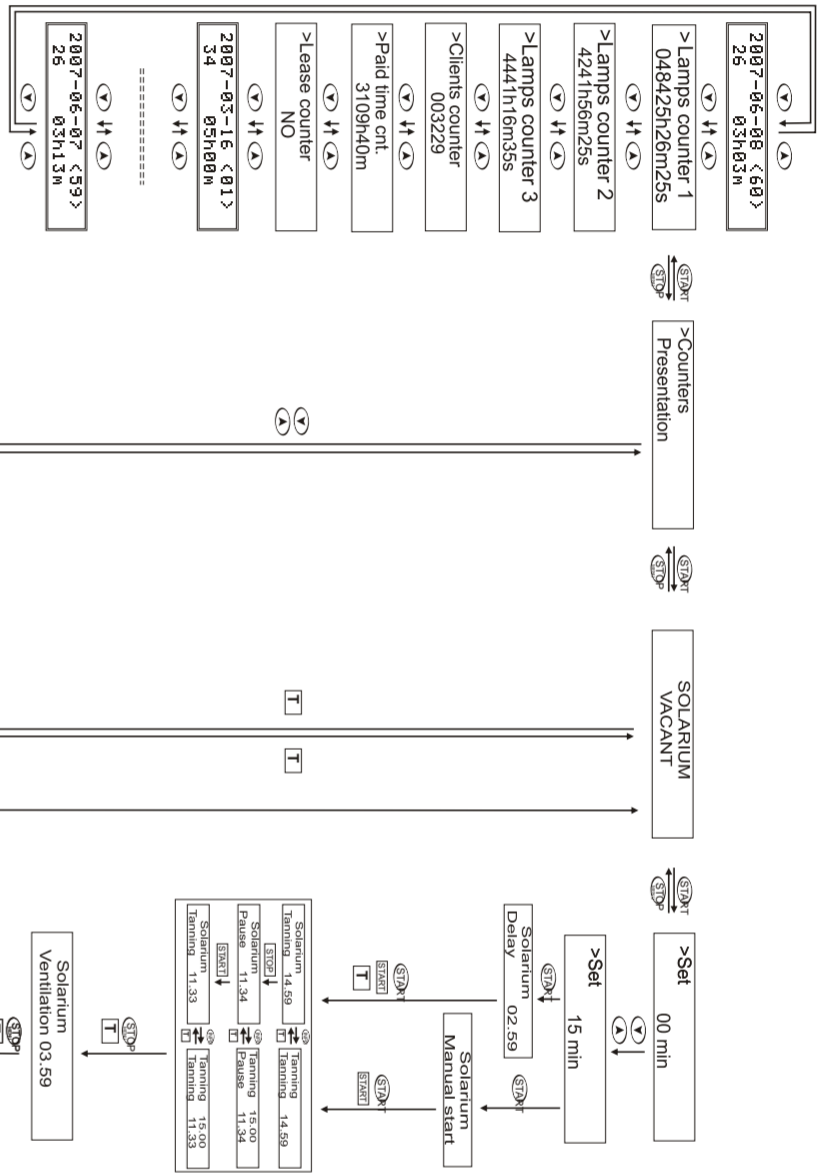
Code change
All new controllers have producer's code (0000). To enable access of the "Unauthorized settings" submenu (see page 7), it is recommended that the code should be changed by the user.



Part II. Operating manual

Contrast
Option is used to set LCD display contrast. Range of setting: <000> 100 > (%) 5%





**I.D.E. E2.05 sunbed controller**

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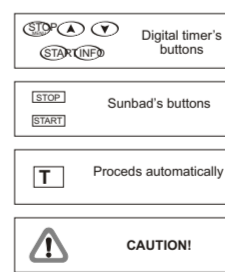
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DIGITAL TIMER FOR TANNING DEVICES  
I.D.E. e2.05

**I.D.E. E2.05 sunbed controller**

**Part II. Operating manual**

**2. Programming mode**

**Date and time**

Option is used to set date and time. Current date and time is displayed after turning on power supply, until any button in the controller is pressed (←, →, F1, F2, F3, F4).

Range of setting: <00-00-00 00:00 - 20-12-31 23:59> (year-month-day hour:minute)

Default setting: current date and time

Step: year parameter - 1  
month parameter - 1  
day parameter - 1  
hour parameter - 1  
minute parameter - 1

Activating and deactivating Happy Hour option (see page 13) is based on Date & time option setting.

To browse and/or change date and time:

- When the controller is in the programming mode, in the Protected settings submenu (see page 7), select Date & time with ← and → buttons.
- To change the setting, press ← button. "Year" parameter will start blinking. Set new "year" parameter value with ← and → buttons.
- To save new "year" parameter value in the long time memory, press ← button. "Month" parameter will start blinking. Set new "month" parameter value with ← and → buttons.
- To save new "month" parameter value in the long time memory, press ← button. "Day" parameter will start blinking. Set new "day" parameter value with ← and → buttons.
- To save new "day" parameter value in the long time memory, press ← button. "Hour" parameter will start blinking. Set new "hour" parameter value with ← and → buttons.
- To save new "hour" parameter value in the long time memory, press ← button. "Minute" parameter will start blinking. Set new "minute" parameter value with ← and → buttons.
- To save new "minute" parameter value in the long time memory, press ← button.

To return to the main menu, press ← button. To leave the programming mode, press ← button again.

Navigation flowchart for Date & Time settings:

- >Date & time 00-00-00 00:00
- >Date & time 05-08-08 00:00
- >Date & time 05-04-08 00:00
- >Date & time 05-04-21 09:00
- >Date & time 05-04-21 09:158
- >Date & time 05-04-21 09:158

**I.D.E. E2.05 sunbed controller**

**Part II. Operating manual**

**2. Programming mode**

**2.2 Counters presentation**

The controller has 29 counters. In the Counters presentation submenu, it is only possible to browse the following counters:

- Lamps counter 1 (see page 6);
- Lamps counter 2 (see page 6);
- Lamps counter 3 (see page 7);
- Clients counter (see page 7);
- Paid time counter (see page 8);
- 24 daily counters

Daily counters are only available in the Counters presentation submenu. They are saved as a list, and reloaded in the way, that the last 24 days are always available. It is possible to browse the following parameters in the daily counters:

- date (year-month-day)
- number of the counter <1 - 24>
- number of sessions in one day <00-99>
- total paid time in one day <00h00m-59h59m>

Other counters are also available in the Protected settings submenu (see page 7). In the Protected settings submenu it is possible to browse and delete counters contents.

To browse counters contents:

- When the controller is in the programming mode, select Counters presentation submenu with ← and → buttons.
- Press ← button. Browse selected counters contents with ← and → buttons.

To return to the main menu, press ← button. To leave the programming mode, press ← button again.

Navigation flowchart for Counters presentation:

- >Counter Presentation
- >Lamps counter1 048425h26n25s
- >Lamps counter2 4241h56m25s
- >Lamps counter3 4441h56m35s
- >Clients counter 003229
- >Paid time cnt. 3109h40m
- >Lease counter NIE
- 2887-05-16 <81> 34 03h00m
- 2887-05-17 <82> 85 07h22m
- 2887-06-08 <80> 26 03h05m

Legend for navigation icons: Digital timer's buttons, Sunbed's buttons, Proceeds automatically, and CAUTION!



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