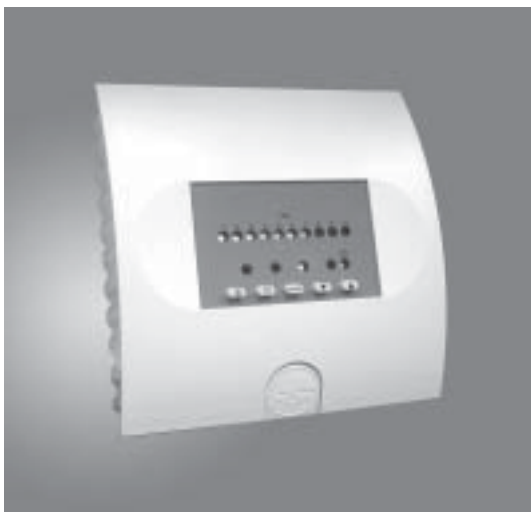


emotion of sauna.



Assembly and Operating Instructions

EMOTEC C 55



GB

CE IP x4

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General Information

Dear Customer,

with this coloured light control device, you have purchased a high-quality electronic device, which was designed and produced according to the latest standard and quality guidelines.

With this high-quality coloured light controller, you "operate" your coloured light device and with the programming options, you will surely quickly find the settings you feel most comfortable with.

Read these instructions carefully so that you will find your way through programming fast and easily.

General Notices

The coloured light control device is intended for 230 V 50 Hz voltage and has to be secured separately with a 10 A fuse.

Only an authorized electrician may install and connect the sauna equipment as well as other electric devices.

The regulations of the Electrician's Association (VDE 0100 / Part 703 / 2006-2) must be observed.

As a rule, sauna equipment may only be connected via a permanent mains connection. This must enable you to separate all poles of the device from the mains with a contact opening width of at least 3 mm.

Read the following installation and operating instructions carefully to ensure the error-free operation of your sauna system.

Delivery Scope (changes reserved)

The control device consists of:

- Plastic bag with three attachment screws 4 x 20 mm and three distancer tubes as well as 3 rubber sleeves.

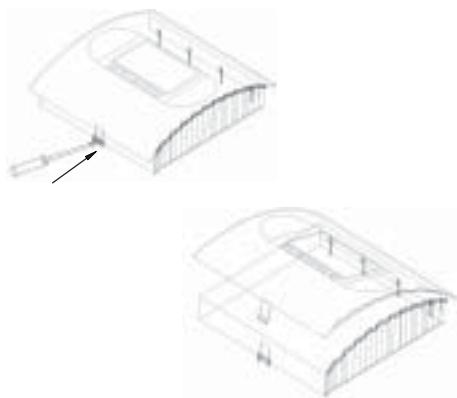
General Safety Regulations

- Only an authorized electrician may install the electronics.
- The regulations of your power supply company as well as the pertinent regulations of the Electrician's Association (DIN VDE 0100) must be observed.
- **Careful mortal danger!** Never perform repairs and installations yourself. Only an expert may remove the casing cover.
- The device may only be operated in accordance with its intended purpose, meaning as a control device for coloured light devices.
- All poles of the device must be separated from the mains prior to all installation and repair work, meaning you have to turn off the fuses and/or main switch.
- Observe the safety and installation notices of the manufacturer.

Installing the Control Device

Wandbefestigung

The control device may only be installed outside of the cabin. If there are already empty tubes for electric installations, these determine the position of the control device. Proceed as follows for the installation:



III. 1

1. Take off the cover of the control device. To do so, press the latches inwards with a flat screwdriver and pull out the top part of casing by turning it (ill. 1).

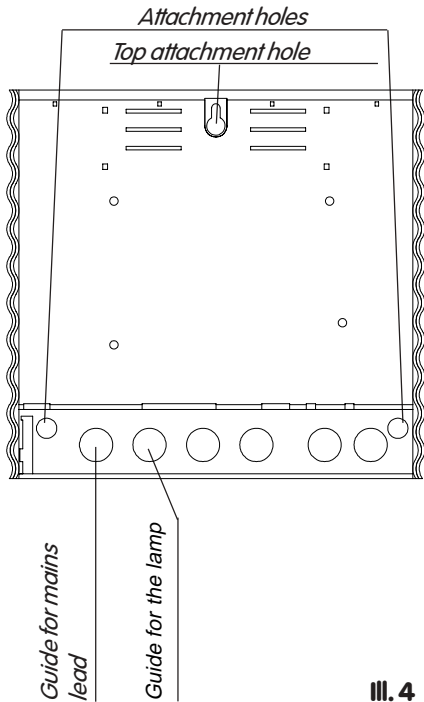
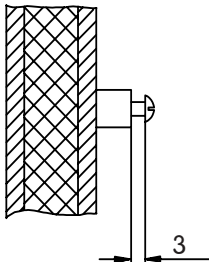
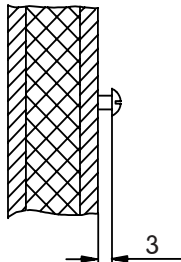
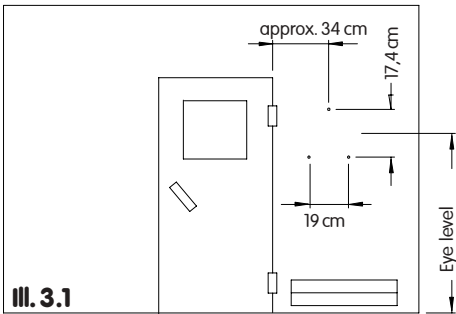
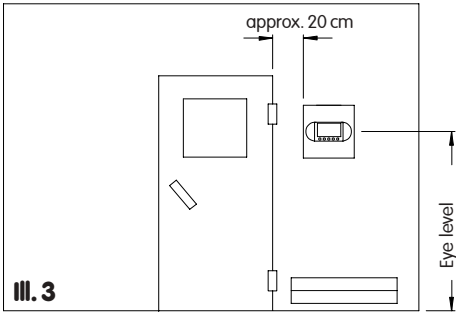
The borings \varnothing 3 mm for the supplied wood screws 4 x 20 mm are made in the dimensions indicated in ill. 3 + 3.1.

2. Screw one of the wooden screws into the top centre hole. The control device is suspended from this screw. For this purpose, let the screw protrude approx. 3 mm (ill. 3.2).
3. Hang the control device into the screw, which protrudes 3 mm from the top attachment hole.

Insert the supplied rubber sleeves into the openings on the back of the casing and then guide the connection cables through these openings

Screw the bottom part of the casing with the two bottom borings tightly onto the cabin wall (see ill. 4).

Notice: If the sauna cabin is not equipped with empty tubes, the sauna leads must be installed on the outside of the cabin, preferably in a groove of the profile boards. Therefore, the control device must be installed with a slight gab to enable you to guide the cables to the control device. This is what the supplied distancer tubes are for, which keep the bottom part at a slight distance as shown in ill. 3.3.



Electric Connection

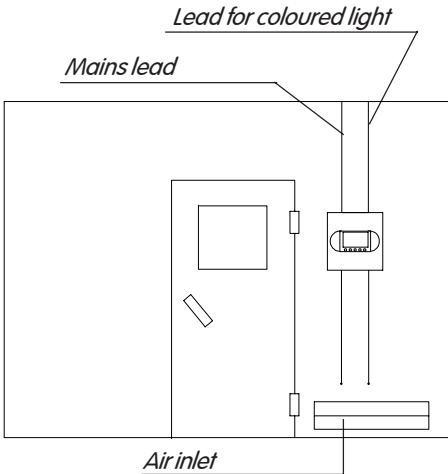
Only an approved electrician may install the electric equipment under observance of the guidelines of the local power supply company and the Electrician's Association.

As a rule, there may only be one permanent mains connection. This must enable you to separate all poles of the device from the mains with a contact opening width of at least 3 mm.

All electric installations and all connection leads that are installed inside the cabin must be designed for an ambient temperature of at least 140°C. The respective required cable profiles are listed in the following table.

The mains leads are guided to the control device and connected to the mains input clamps as shown in ill. 5.

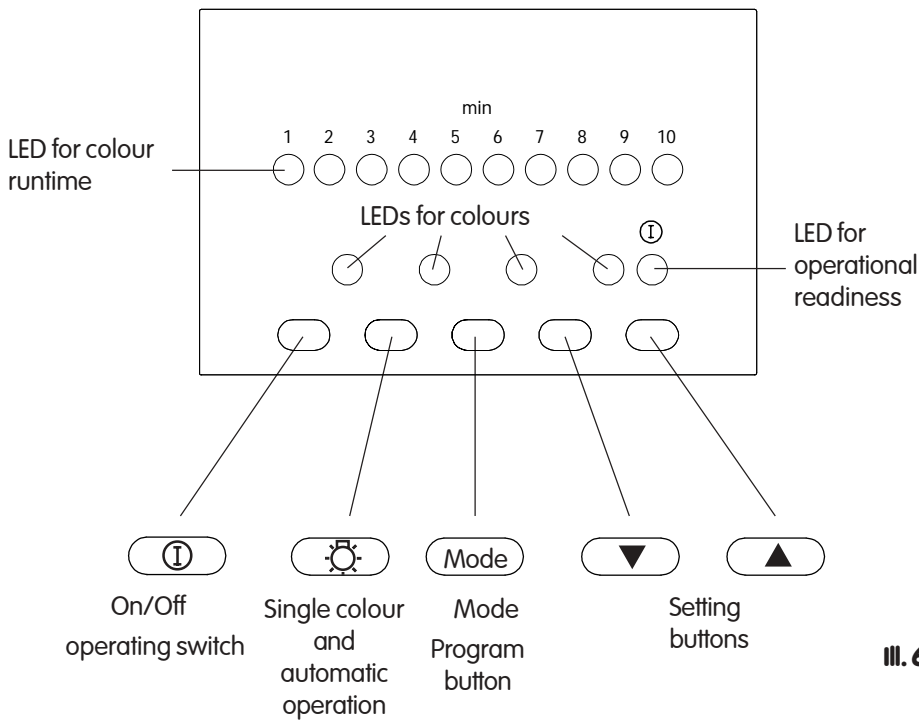
A connection plan is affixed to the inside of the control device for this purpose.



III. 5


Operation

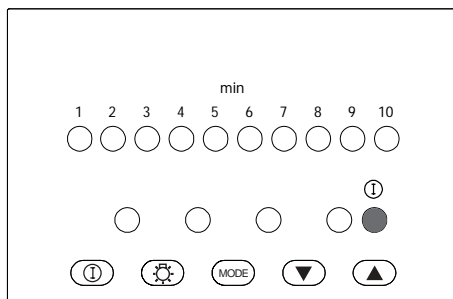
Button Functions



III.6

Commissioning the Device

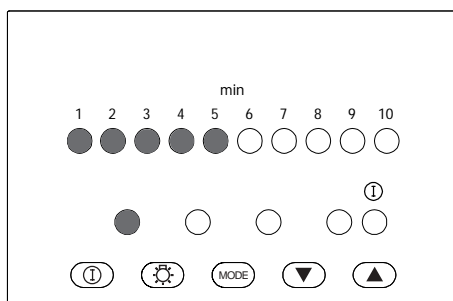
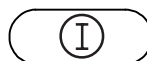
After you have once again checked all connections, commission the device by activating the fuses and/or the main switch. The device signals its readiness for operation with the green LED on the icon. 



Activating the Device for the First Time

By pressing the start/stop button for the first time after activating the supply voltage, the device goes into its basic mode. The red lamp is lit on the coloured light device and the red LED on the control device.

In automatic operation, 5 LEDs are lit for a period of five minutes.



Preset Parameters

- Manual colour selection
- Runtime of the individual colours in automatic operation 5 minutes
- Runtime of the mixed colours in automatic operation 10 seconds

Manual Coloured Light Selection

You can select between individual and mixed colours with the up/down buttons.



Automatic Coloured Light Selection

The automatic coloured light selection is activated by pressing the light button.



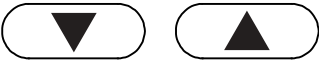
With automatic coloured light selection, the colour sequence is red-red/yellow-yellow-yellow/green-green-green/blue-blue-blue/red. In the basic setting, the individual colours remain for 5 minutes and the mixed colours for 10 seconds (see "Preset Parameters").

The following settings can be programmed in the automatic program:

You can set the staying time between 1 min. and 10 minutes. Press the MODE button and the LED line starts blinking.



You can change the time by pressing the up/down buttons.



By pressing the MODE button again, the set value is taken over and the corresponding number of LEDs lights up in the LED line (5 minutes = 5 LEDs, 10 minutes = 10 LEDs, etc).



The staying time of the mixed colours can be set to 10 seconds (basic setting) or the runtime of the individual colours:

Keep the up and down buttons depressed simultaneously for 2 seconds until the LED line blinks briefly. It is reset when you press these buttons once again.



If the control is not separated from the mains, the last set parameters remain active.

Effects of the Colours

The **mental** effect of the colours takes place via the eyes. From there, the colour radiation is transferred to the brain by means of complex processes and unfolds its effect there in the shape of specific imaginations and energies.

The absorption by the **nerves** leads to an activation of the body's immune system. Certain body systems are addressed and activated depending on the type of colour.

The **physical** absorption essentially takes place via the skin through direct colour radiation.

The **chemical** absorption takes place in the gastrointestinal tract in the shape of "mixed food" in all colours.

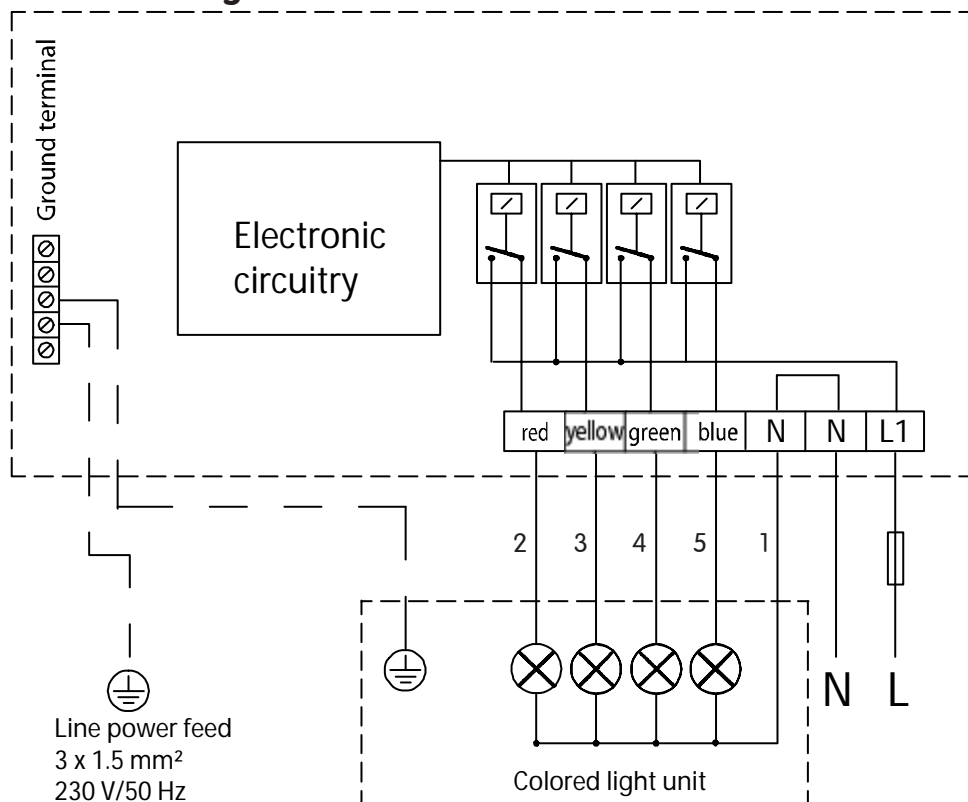
Blue, the colour of the sky and the water, is associated with longing, vastness and cold. Cold slows down the human functions, which is the reason why blue is supposed to have a calming and relaxing effect and help with nervous disorders, insomnia, restlessness and states of anxiety.

Green is the colour of nature. Green light has a soothing and inspiring effect at the same time. It provides relaxation and regeneration. Green light is supposed to have a positive influence on the bronchials and the lungs and help with nervous disorders, headaches and inflammation of the joints.

Yellow is supposed to increase the positive attitude towards life and the general well-being. Yellow may stimulate and strengthen the nerves as well as dissipate gloom and melancholy. It may also help to balance gastrointestinal complaints.

Red is associated with fire and blood. The colour of activity, vitality and warmth is supposed to stimulate the circulation and this contribute to a general increase of well-being and vitality.

Connection Diagram



Observe coding of feed lines
to colored light unit

Illust. 7

Technical Data

Mains voltage:	230 V AC 50 Hz
Fuse:	1 x 10 A
Output per lamp:	max. 400 W
Ambient temperature:	0 to 40°C
Protection class:	IP X4
Colour sequence with automatic operation:	red-red/yellow-yellow-yellow/green-green- green/blue-blue-blue/red
Colour overlap time:	10 seconds
Cycle time:	adjustable from 1 to 10 minutes
Installation dimensions H x W x D:	240 x 230 x 70 mm
Weight:	approx. 1 kg



Warranty

The warranty extent orients itself on the currently valid statutory regulations.

Manufacturer's Warranty

- The period of warranty starts from the date of purchase and lasts up to 2 years for commercial use and 3 years for private use.
- We will only perform warranty services upon presentation of the sales receipt for the device.
- Any warranty will be null and void in case of changes to the device without the expressive consent of the manufacturer.
- The warranty will also be null and void in case of defects due to repairs or modifications by unauthorized persons or improper use.
- In case of a warranty claim, please indicate the serial number as well as the item number together with the name of the device and an explicit error description.
- This warranty extends to defect device parts with the exception of normal wear and tear. In case if a warranty claim, return the device to our

service department in its original or suitable packaging (ATTENTION: danger of transport damage).

Always return the device with this completed warranty note.

We will bear assume any possible transport costs for sending and returning items.

Commissioned on:

Authorized electrician's stamp and signature:

Attention!

Dear customer,
according to the valid regulations, the electrical connection of the sauna heater and the control box has to be carried out through the specialist of an authorized electric shop.
We would like to mention to the fact that in case of a warranty claim, you are kindly requested to present a copy of the invoice of the executive electric shop.

Please keep this address together with the installation instructions in a safe place.

In order for us to be able to answer your questions in a fast and competent manner, please always state the data indicated on the type plate like type name, item number and production number.

Service address:
EOS-Werke Günther GmbH
Adolf-Weiß-Str. 43
35759 Driedorf-Germany
tel +49 (0)2775 82 240
fax +49 (0)2775 82 455
servicecenter@eos-werke.de
www.eos-werke.de