

Web Control Interface

EOS-WCI 01



GB

Installation and operation manual

Made in Germany



English

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Scope of delivery

(changes reserved without prior notice)

1. WCI01 web app module, cap rail housing 20015364
2. Sauna bus cable 20015443
3. Installation and operation manual



Technical specifications

Power supply: 24 V DC (via EOS sauna bus)

Nominal power consumption: <1W

Ambient temperature range: - 40° to 85 °C

Attention: may not be installed in corrosive atmosphere or environment subject to moisture condensation.

Connections:

1 x EOS sauna bus (RJ12 jack, 6P6C)

1 x 10/100 Base-T Ethernet RJ45 jack, shielded

Breakaway torque terminals: 0,22 - 0,25Nm

Required ports for the cloud connection: 80, 8080, 7250, 443

IP address distribution per DHCP, IPv4

Supported mobile devices: smartphones and tablet PCs using an Android or Apple iOS operation system.

The WCI01 web app module is an optional accessory to the following sauna control units: (*stand 10/2014*):

- EmoTouch II +
- Emotec D
- Emotec H

Notice: only mobile devices using an Android or an Apple iOS are currently supported. The EOS Sauna Control web app shall be installed on the mobile device.

For remote access and operation you will require an internet access which may inflict additional costs.



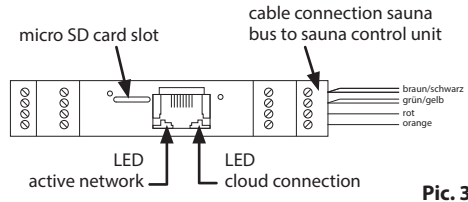
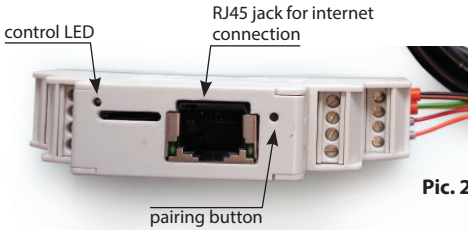
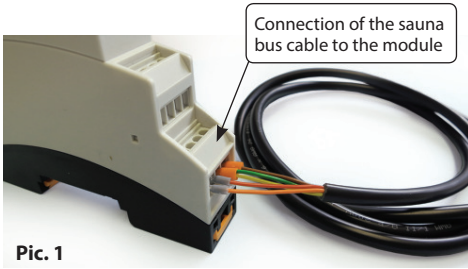
In the CENELEC countries the system may be only used in combination with the suitable for the sauna heater safety system as per norm DIN EN 60335-2-53, like „S-Guard“ or a fire protection safety rail.

EOS generally recommends the installation of the fire protection safety system even if legally not required. Risk of fire by remote start of the heater with a flammable object forgotten on it!

Overview of the available fire protection safety rails for sauna heaters:

- **Type 1** item 94.4421
- **Type 3** item 94.4425
- **Type 4** item 94.4724
- **Type 5** item 94.4725
- **Type 6** item 94.5624

Installation

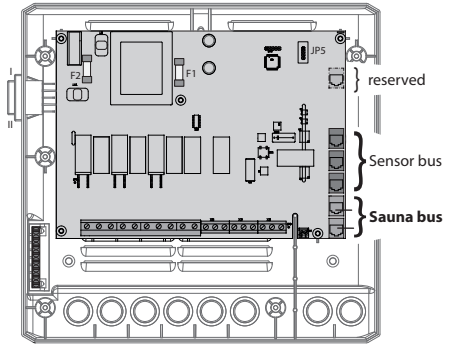


The module housing has a cap rail mounting and if necessary may be mounted on the appropriate rail either next to the sauna control unit (recommended) or next to the internet access point (e.g. router).

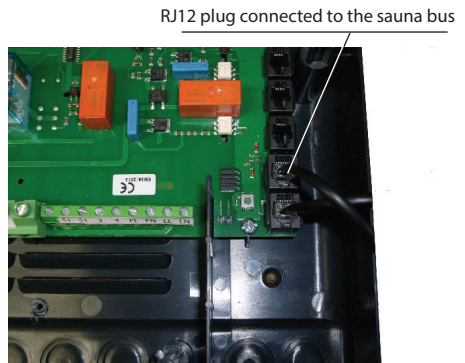
Connect the included sauna bus cable (RJ12 plug) to the free RJ12 jack in the sauna control unit. Use a port switch by connection of several modules. **Make sure that the control unit is disconnected from power prior to connection!**



Location of the sauna bus RJ12 jacks in the main relay box (example shows the relay box of the Emotec / Emotouch II+ models)



Pic. 4



Pic. 5

Now connect the module to your internet router using a standard patch cable with RJ45 plugs.

Switch on the power to the sauna control unit.

Within max. 5 minutes the cloud connection LED on the module shall light on continuously. The WCI01 web app module is now operational.

On your mobile device (e.g. smartphone with Android or Applie iOS) you need to install the EOS Sauna Control app. The app is available as a free download at the app stores of Google and Apple. For futher details please refer to the next chapter.

Pairing and setup



In order to use the WCI01 remote control module you need install the software (web app) on your mobile device (smartphone or tablet PC).

Currently supported are devices with an Android or an Apple iOS operation system.

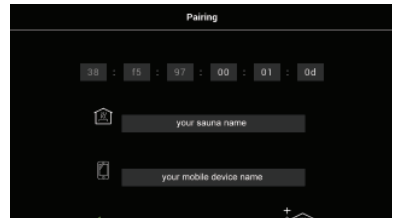
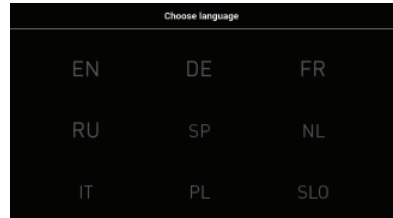
Download and install the free app „EOS Sauna Control“ directly from the App Store (for Apple devices) or Google Play Store (for Android devices). You can use the search for key words “EOS” and “sauna”.


After the download and installation of the app you have to pair to the sauna control unit. Before you proceed make sure the remote control module WCI01 has an internet connection.

Start the app on your mobile device. After a short start-up screen the app will open a setup window with the language selection. Select your operation language. Next a prompt window for the MAC address will open.

You can find the MAC address on the sticker attached to the side of the module housing.

Give in the MAC address into the appropriate fields on the screen. In the next fields you can assign an own name to your sauna and to your mobile device, for instance “sauna 1” and “Joe’s phone”. This helps later to better identify and manage users.



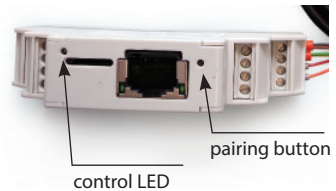
Now press the pairing button  to initiate pairing. Under normal conditions the app will establish connection to the control unit and will prompt you to confirm the pairing by pressing with a thin sharp object on the hidden button through the small opening on the top of the module housing.

Notice: you have 60 seconds time to press the button on the module. By successful pairing the control LED shall flash in red light shortly.

If the button is not pressed within the given time the pairing will be aborted and has to be repeated once again.

Once the pairing has been completed the app will automatically detect the model of the sauna control unit and will display its replicated interface. If the pairing has failed the app will return to the initial prompt window (MAC address prompt).

If the app on the already paired device has been deleted and reinstalled, the pairing has to be carried out once again. Also if a user has been deleted from the list of authorized users (by another user) he will need to make the pairing once again in order to access the control unit.



How to pair the app to several control units

Start the web app and go to the settings. In the settings menu press on the “add a new sauna” icon

on the display



Carry out the pairing process as described above. In the same settings you menu you can always see the list of authorized users paired to the given sauna control unit.

How to switch between paired cabins

Up to 12 control units can be paired via one app. You can view and select the specific control unit through the set-



tings symbol. Go to settings and select the “list of paired cabins”. Currently selected cabin is shown in blue.



How to view the list of paired users

You can quickly view all authorized (paired) users via the



“user account” icon in settings. Go to the settings and touch this icon twice to view the list. Own account is shown in blue.



IMPORANT NOTICE

If the connection to the sauna control unit has been lost the web app will show an error message. **Please notice that the already started sauna will continue to heat for the pre-set heating time.** Press “retry” to re-establish the connection.

If the error appears check if your mobile device and/or the module have a stable internet connection. Check the sauna control unit and module connection. Also check your account status - make sure that your account hasn't been deleted by another user. By repeating problems try to reinstall the app and repeat the pairing or contact EOS service.



Operation

Graphic user interface - key elements and operation principle



General operation principle

After the installation of the app and successful pairing to the sauna control unit the app will replicate the interface of the sauna control unit on the remote device. This allows easy remote operation basing on the already familiar interface of your home sauna control unit.

One mobile device can be paired with up to 12 different sauna control units. Likewise up to 12 users can be paired to one sauna control unit.

The operation is only possible when both the mobile device and the WCI01 module have an internet connection.

Interface example of the Emotouch II+ control unit on a smartphone



Interface example of the Emotouch II+ control unit on a tablet PC



Interface example of the Emotec D and H control unit on a smartphone



Operation of the sauna with the web app

The sauna operation via the web app is very much similar to the operation via the paired control unit. Touching an active symbol shortly will switch a function on/off. Pressing this symbol >3 sec will launch the settings of the function.

The web app displays the same interface as of the sauna control unit. By Emotouch II+ the same graphic interface will be shown. The operation is almost identical as at the control unit itself.

By Emotec D / H the difference is that instead of the jog-dial knob the symbols are selected directly by touching them. The app uses the same symbols and the same logic as the control units.



Operation is based on the short or longer touching of familiar symbols on the screen, e.g. sauna lamp or heater.

In sub-menus the first touch will mark the symbol, its description will be displayed. The second touch will activate the marked function.



Back

For all menus - touching this symbol brings you back one step, either to the start menu or to the previous window.

Start screen - symbols and operation



Settings

Access to the sub-menu with further settings. For instance language, user accounts, etc.



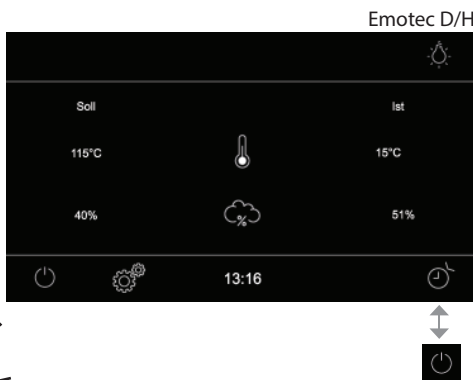
Auto-Start

Settings for the pre-set timer (24 h in advance) or for the extended timer (single event or week timer).



Sauna heating on/off

Switches the sauna heater on/off. If you touch this symbol, the same symbol will appear on the right side instead of the Auto-Start icon. Now press both symbols simultaneously for 3 seconds to switch your sauna on or off.



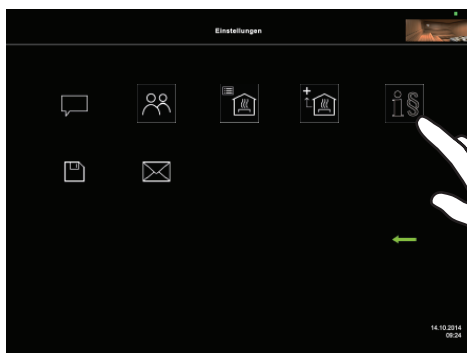
Hint:

The small image of the sauna cabin in the upper right corner in sub-menus functions as a „home“ button to allow quick return to the start screen at any time. Simply touch this image shortly. Please remember that all not yet saved settings will be lost.

Additional Settings



To enter additional settings touch the settings symbol. A new window with the selection of symbols for settings will open.



1st touch marks the symbol

2nd touch switches the marked function



Language

Here you can select one of 18 languages for the menu navigation and text messages:

DE, EN, FR, RU, ES, NL, IT, PL, SLO, FIN, TR, CZ, RO, BG, HU, HR, SK, DK, CRO, CN



Software Version

Allows you to check the currently installed version of the app.



User accounts

Lists all devices currently paired to the given sauna control unit. Own device is marked with blue text. Other devices can be deleted (unpaired) by pressing the corresponding "X" sign. Up to 12 users can be paired to one WCI01 module.



Contacts

Here you can view the contact details of EOS or of the EOS dealer as they are saved in your sauna control unit.

These contact details will be shown in the case of malfunction or a fault.



List of sauna cabins

Shows the list of all sauna cabins your app is paired to. Here you can switch between saunas and control them. You can pair your app with up to 12 sauna cabins (control units).



Add a sauna

Here you can add a new sauna (pair your app with a new sauna control unit). Press this symbol and follow the pairing instructions.



Imprint / Terms & conditions

The additional terms and conditions of use for the EOS web app can be viewed here. By the installation and the use of the app they are deemed as accepted.

App graphic user interface and the current climate conditions check

Thanks to the modern GUI you can quickly access all functions and make necessary settings, as well as make a simple instant query for the current sauna climate condition.

The symbols on the start screen may be displayed in different colours, in order to indicate the current operation status - e.g. red highlighted heater during active heating.

For every selected symbol the control panel will display the explanation at the top and will provide additional text hints by various settings. The language selection shall be done in the control unit.



Start screen (stand by mode)

The images show the start screen by EmoTouch II+ (left) and Emotec D (right) control unit. By Emotec H with the enabled vaporizer additionally a cloud symbol will be shown.



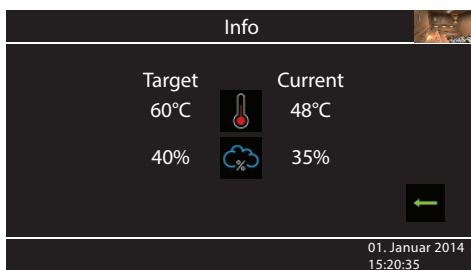
Start screen (active heating mode)

The active heating will be shown similarly as on the sauna control units - illuminated heater symbol by EmoTouch II+, red pulsing thermometer by Emotec (blue cloud by Emotec H in humid mode).


The remaining heating time will be shown as usually in the form of the countdown clock. You can stop the sauna by pressing on the "On/Off" button.

By humid mode the sauna will then switch to the "sauna dry" mode first. You can interrupt it by pressing the "On/Off" button again.

The interface will return back to the stand-by mode.




Climate conditions check

By EmoTouch II+ touch shortly the symbol of thermometer/hygrometer . By Emotec D or H the climate conditions will be displayed continuously, no need to press any button.

The current temperature is shown as measured by the sensor (if a bench sensor is connected, then as measured by the bench sensor)

If no humidity sensor is connected, then the value of the proportional setting will be shown.

The „%“ sign in the cloud means there is a humidity sensor. Otherwise a symbol  will be displayed. You can return to the main screen at any time by pressing "back" or Home buttons.

Notice: Please pay attention that the shown values for the current temperature (humidity) are measured at the sensor location point. Because of the considerable differences in temperature in different parts of a sauna these values may vary from the values shown by the instruments mounted at the sauna wall. We recommend to choose the temperature which is most pleasant to you.

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

To help us answer your questions quickly and competently please provide the information printed on the type shield including the model, item no. and serial no., in all inquiries.

Service Address:

EOS Saunatechnik GmbH
Schneiderstriesch 1

35759 Driedorf, Germany

Tel: +49 (0)2775 82-514

Fax: +49 (0)2775 82-431

servicecenter@eos-sauna.de

www.eos-sauna.de

WARRANTY

The warranty is provided according to the legal regulations at present.

Manufacturer's guarantee:

- The period of guarantee starts from the date of purchase and lasts up to 2 years by commercial use and 3 years by private use.
- Always include the completed guarantee certificate when returning equipment.
- The guarantee is void for appliances which have been modified without manufacturer's explicit agreement.
- Damages caused by incorrect operation or handling through non-authorized persons are not covered under the terms of guarantee.
- In the event of a claim please indicate the serial number as well as the item number and model name with detailed description of the fault.
- This guarantee covers defective parts and labour but not the defects caused by wear and tear.

In case of complaint please return the equipment in its original packaging or other suitable packaging (caution: danger of transport damage) to our service department.

Always include the completed warranty certificate when returning equipment.

Possible shipping costs arising from the transport to and from point of repair cannot be overtaken by us.

Outside of Germany please contact your specialist dealer in case of warranty claims. Direct warranty processing with our service department is in this case not possible.

Equipment commissioning date:

Stamp and signature of the authorized electrician:

Handling procedures for return shipments (RMA) - Details for all returns !

Dear customer

we hope that you will be satisfied with the purchased EOS product. In the rear case if you may have a claim and will need to return a product, please follow the procedures specified below. This will enable to ensure a quick and effective handling of the return shipment.

Please observe for all returns!

- Please add the provided **RMA-voucher completely filled out** together with an **invoice copy** to the return shipment! Do not stick it on the goods or on the packaging. **We do not accept return shipments without these papers.**
- Not prepaid parcels **will be refused** and returned to Sender! Please always ask your dealer or EOS service department about the most economical return shipment way.
- **Please pay attention that** the goods have to be sent back in the **original scope of delivery** and in **original packing**.
- We recommend to use an **additional solid and break-proof covering box** which should be padded out with styrofoam, paper or similar. Transport damages as a result of faulty packing are for the sender's account.

Reason of complaint and proceedings:

1) Transportation damage

- Please check the content of your parcel immediately and advise the forwarding company of a claim (parcel service/freight forwarder)
- Do not use damaged goods!
- Ask the forwarder **for a written acknowledgement of the damages.**
- **Report the claim promptly by phone to your dealer.** He will discuss with you how to act in this case.
- If the transport box has been damaged, please use an additional covering box. Do not forget to add the **acknowledgement of the damage of the forwarding company!**

2) Faulty goods

- The implied warranty period is 2 years. Please contact your dealer in case of **faulty or wrong articles or missing accessories.** He will discuss with you the individual case and try for immediate and customer-friendly solution.
- For **economic returns** within Germany you will get an **RMA-number from the manufacturer.**
- All returns have to be in the **original packing of the goods with corresponding accessories.** Please repack the goods to avoid damages. In case of wrong delivery, please do not use this article .

3) Problems of installation and functioning

- Please **read the manual carefully first of all** and pay attention to the indicated assembly or installing instructions.
- **Your dealer should be the first contact person** because he knows his products best and also knows possible problems.
- **In case of function problems with an article,** please check at first whether there is an obvious material defect. The quality system in our factory reduces malfunctions of new appliances to almost zero.