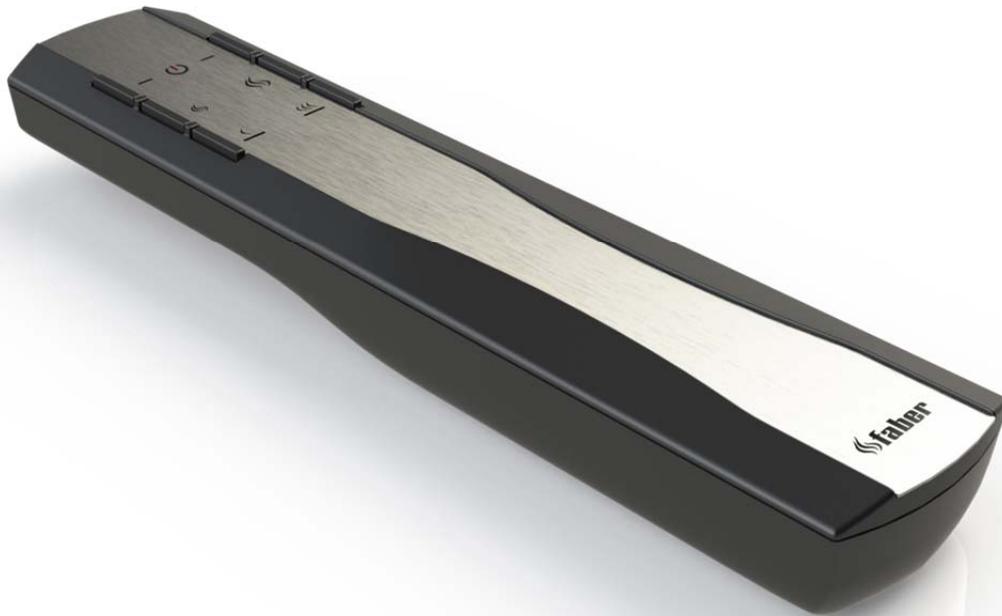




User Manual I.T.C.
"Intelligent Technical Controller"



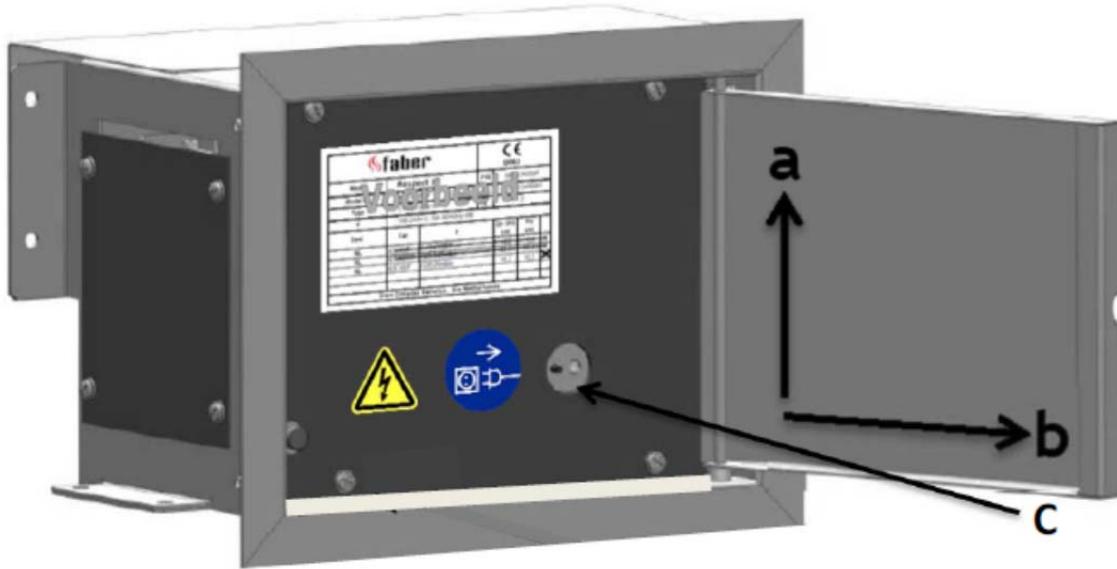
40011585-0615 User Manual I.T.C. (SIT) ENG.

- Triple Premium XXL

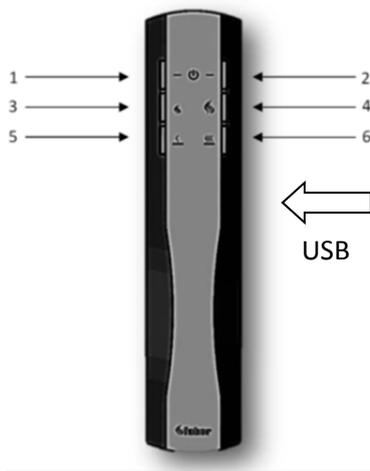
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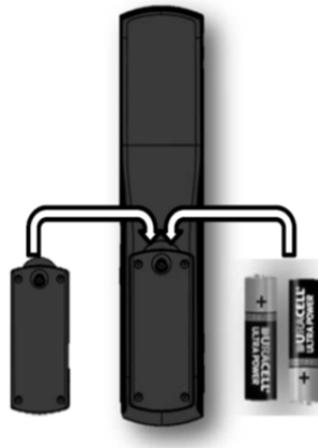
→ EN: Serial number



1.1



1.2



1.3



1.4

1 Dear User

Congratulations on purchasing your Faber product, a quality product that will provide you with warmth and atmosphere for many years. Please read the user manual before using the fire. Should, despite the careful final checks, a malfunction occur, please contact your Faber dealer.

1.1 Check

Check the fire for transport damage and report any damage immediately to your dealer.

2 Introduction

➤ **Please note:**

Since a fire is a heat source, it creates hot air circulation. This is why it is important that you do not use the fire too quickly after a renovation. Due to the natural circulation of air, moisture and uncured volatile components from paint, building materials and floor coverings are included in this air circulation. These components could settle on cold surfaces as soot. The moment in which you use the fire for the first time depends on various circumstances. Please consult your installer/dealer regarding this matter.

3 Safety instructions for the user

The device was designed for ambience and heating purposes. This means that all surfaces, including the glass, can become very hot (hotter than 100°C). The bottom of the fire and the controls are an exception to this.

Wait at least three minutes once the fire has been turned off before turning it on again.

If the fire goes out unexpectedly, wait 15 minutes before turning it on again. If this happens repeatedly contact your dealer/installer.

The fire must not be used when the glass is damaged or removed or if the combustion chamber is otherwise open.

Do not place any combustible materials in the combustion chamber.

Ensure that the log layout (if applicable) exactly matches the relevant photographs in the instruction leaflet and never add extra decorative material that was not supplied with the fire.

The pilot flame must never be obstructed and particular care must be taken when placing the logs, pebbles or stones which are supplied with the fire.

Do not place any curtains, clothes, washing, furniture or other combustible materials in the

vicinity of the fire. The minimum safe distance to combustible materials is 1 metre.

Never allow children to use the remote control without supervision.

We recommend that you always place a protective fireguard around the fire if there will be children, elderly people or disabled persons in the same room as the fire.

3.1 Using the fire for the first time

Before use, remove all stickers, protective film and any protective rubber strips from the glass.

Ensure adequate ventilation of the room when using the fire for the first time. Run the fire at the highest setting for several hours so that the paint will have the chance to harden and any possible vapours can be released safely. Keep children and pets out of the room during this process.

3.2 Cleaning and maintenance

The fire must be serviced, cleaned and checked for proper operation by a qualified person (usually the installer) once a year.

The outside of the fire can be cleaned with a clean, damp cloth.

3.3 Cleaning the glass

Remove the glass as described in the installation instructions.

Remove all deposits with a clean, dry cloth. If necessary a special ceramic hob cleaner can be used.

➤ **Please note:** Avoid fingerprints on the glass. These may be baked on by the heat and may then no longer be removable.

4 General I.T.C.

“Intelligent Technical Controller”

The Faber I.T.C. has the following functions:

1. Operating
2. Checking
3. Registering
4. Advising
5. Controlling

The fire can be operated via a Smartphone or tablet with Android 4.01 and higher or IOS operating system in combination with the free downloadable Faber I.T.C. App. Limited operation is also possible with the supplied remote control.

4.1 Remote control (fig.1.2)

The remote control handset can be used if there is no Wi-Fi/Internet connection.

The remote control can only be used for the basic functions such as switching on/off, flame height and selecting the step function.

4.2 Smartphone or Tablet

Almost all functions are available if Wi-Fi is available but there is no internet. For 100% functionality both Wi-Fi and an internet connection are required.

The options of the I.T.C can be fully utilised via a Smartphone or tablet. In addition to the standard functions, the ECO and the Thermostat function are also available via these devices.

4.2.1 ECO function

The automatically modulating burner mimics the behaviour of a wood fire. You can choose between 5 energy-saving programs.

Anticipating room temperature and the ECO mode selected by you, the I.T.C. sets the fire in the most economical mode. This creates the optimal flame at minimum gas consumption.

4.2.2 Thermostat function

The thermostat function brings the room to the desired temperature and then maintains this.

4.2.3 Control/advice function

The I.T.C. controls the entire process in the background and sends notifications to the App. The remote control handset flashes orange or red to indicate that you should consult the App.

When flashing orange the fire is functioning correctly but the App is giving advice, for example to replace the batteries of the remote control or that the maintenance period has expired.

When flashing red there is a malfunction whereby the fire can no longer function. In most cases the cause is indicated in the App under "Notice" in the dashboard.

4.2.4 Registering

The I.T.C. registers the amount of gas used and the running hours.

The calculated gas consumption is a good approximation.

The use and consumption is clearly displayed in the statistics.

The I.T.C. also registers the nature of any malfunctions.

4.2.5 Control

The I.T.C. monitors the room temperature and the temperature of the controller. If the selected temperature is exceeded the fire switches over to stand-by mode.

The fire is turned off and switched to stand-by mode if:

- There has been no manual control input or ECO command for 6 hours.
- when using the Thermostat and ECO functions the fire has operated for more than 2 hours at maximum settings for flame height and burner width.
- the I.T.C. is no longer receiving temperature data from the remote control handset.

5 I.T.C.

The controller is factory-set with the correct information such as item number, device name and capacity. These specific device details are needed for the proper operation and calculations in the I.T.C. App.

The remote control handset is already linked to the controller so that the fire is ready for use with the remote control.

For correct functioning of the thermostat and ECO function it is necessary that the remote control is placed in the wall bracket.

For full functionality of the I.T.C., in combination with a Smartphone or tablet, a Wi-Fi- internet connection is required.

5.1 Wall bracket installation

For correct functioning of the Thermostat and ECO function it is necessary to place the remote control in the wall bracket. The remote control is also the room temperature sensor and for that reason the wall bracket must be installed:

- 1.5m above the floor.
- outside the radiation area of the fire.
- away from the corners of the room, windows, open doors and heat sources such as central heating radiators.

5.2 Linking remote control and I.T.C.

Press the "Pair" button (fig.1.1C) for approximately 5 seconds on the I.T.C controller until the LED flashes green from red/green. As long as the LED flashes red/green (± 1 min.) the remote control can be linked. The connection is accomplished by pressing any button on the remote control. The

LED flashes green a couple of times and will turn off as soon as the connection is made.

5.3 Connecting I.T.C. with Wi-Fi

Press the “Pair” button (fig1.1 C) until the LED flashes from red via green to flashing orange rapidly. You now have approximately 1 hour to link the Wi-Fi connection via Smartphone, tablet or computer to your Wi-Fi network.

Establish a connection with the “Faber 0007” Wi-Fi-network.

➤ **Please note:** it may take a few minutes before the Faber network becomes visible on to your network after pressing the Pair button.

Open your browser and type the address “fabersetup.com”

➤ **Please note:** this step may be carried out automatically by your telephone.

Click on **Wi-Fi settings** top left in the screen
Select your home network and type the password of your router in the **password**.

If your home network has a hidden name you should enter the name of your network in the field **SSID**. Please note: **always only choose 1 method**. Then click on **connect** to make the connection.

After this you should, if it is not done automatically under Wi-Fi settings, repair the connection of your Smartphone with your home network.

5.4 Connect Smartphone with I.T.C.

Download the Faber I.T.C. App. for Smartphone.

APP store:

iPhone

Google Play:

Android Smartphones. (4.01) or higher



➤ **Please note:** When using your Smartphone it is necessary for the remote control to be placed in the wall-bracket (See chapter 5.2)

Follow the directions of the App. And establish a connection with the ITC-controller.

The system is now ready to use.

5.5 Function of remote control handset.

The remote control has various functions:

1. Operation of the fire (limited functionality).

2. Room temperature measurement.
3. Signalling status or fault notifications.

5.5.1 Function description of the keys.

Key combination	Function
1 + 2	Fire On
1	Fire Off
2	Fire Off
3	Flame Lower
4	Flame Higher
5	Fire Narrow
6	Fire Broad
1+4	Thermostat
1+6	ECO
First 1+2 than 2+5	Reset

By pressing on a key or key combination you automatically cancel the previous function.

5.5.2 Room temperature measurement

The remote control measures the temperature of the room and sends this to the I.T.C. to calculate the ECO boost and thermostat functions. **The remote control should be placed in the wall-bracket when using these functions.**

5.5.3 Communication

The remote control is used to:

- read the I.T.C for service purposes.
- if necessary, to adjust the system settings.

5.5.4 LED signals

Under normal operation the LED on top of the handset will flash green every time you press a button. In case of notification or required maintenance the LED will flash orange several

times. In case of a system error the LED will flash red.

The content of the report can be seen in the app. The full LED signal code table can be found in the back of this instruction leaflet.

6 Operation of the fire

The device will run through a start program which lasts approximately 30 seconds. During this time communication is blocked and interface commands will be ignored.

6.1 Switching on

When switched on the fire will start on Narrow Low setting.

Smartphone/Tablet

Follow the instructions of the App.

Remote control

Press key 1 and 2 at the same time.

6.2 Control of the flames

The flame height can be adjusted by the user. With the Step Burner the fire can also be set broad or narrow (step function).

Smartphone/Tablet

Follow the symbols and the instructions of the App.

Remote control

The flame can be adjusted using keys 3 and 4. To switch between wide and narrow use keys 5 and 6.

6.3 Switching off

After the fire is switched off, the appliance follows a cooling-down sequence lasting approximately 60 seconds. Until this process is complete the fire cannot be restarted as during this time communication is blocked and interface commands will be ignored.

Smartphone/Tablet

Follow the symbols and the instructions of the App.

Your screen will reflect when the system can be used again

Remote control

The device can be switched off using keys 1 or 2. A short beep sound indicates that the system has been released.

6.3.1 ECO function (remote control in wall-bracket)

This function allows for automatic slow modulating and varying flames.

There is a choice between 5 different patterns.

Position 1:

(30% less gas than maximum setting) gives the greatest dynamism in terms of flames and has the highest heat output of the 5 programmes.

Position 5

(70% less gas) is the most economical but has the least dynamic flame sequence.

With an increasing room temperature the I.T.C. automatically moves to a higher ECO position.

In a cool room you can choose ECO mode 1 (30% less gas) and with an increase of the room temperature the I.T.C. automatically sets to a lower ECO position.

Smartphone

Follow the symbols and the instructions of the App.

Select one of the five available programmes.

Remote control

Use the key combination 1+6

- **Please note:** the device returns to the last ECO pattern set by the App. You cannot adjust this choice using the remote control.

6.3.2 ECO function

ECO position 1	Up to 21°C	
30%		
ECO position 2	Up to 22°C	
40%		
ECO position 3	Up to 23°C	
50%		
ECO position 4	Up to 24°C	
60%		
ECO position 5	Up to max room temp setting	
70%		

6.4 Thermostat function (place remote control in the wall bracket)

The remote control handset is also the room temperature sensor. For that reason the wall bracket must be installed as per section 5.2

The remote control has a built-in sensor to measure the room temperature and should therefore be placed in the wall bracket. The I.T.C. PID controller will automatically adjust the room temperature to the selected value. If applicable, the I.T.C. also uses the step function in thermostat operation.

Smartphone/Tablet

Follow the symbols and the instructions of the App. and set the required temperature

Remote control

Use the key combination 1+4

- **Please note:** the device regulates the temperature according to the last setting by the App. You cannot adjust this choice using the remote control.

7 Replace the batteries in the remote control (fig.1.8)

- Remove the lid on the back of the remote control
- Fit 2 AA 1.5 Volt Alkaline long-life batteries.
- Close the lid.

8 Explanation indication signals on the remote

When operating the fire by using the remote control the power symbol feedback is given via a LED every time you press a button on the remote.

One green flash

Command sent successfully from the remote.

One green followed by one red

Command sent but no confirmation that the command was received

Green 3 times

Remote control handset has successfully linked with communication controller

15 times yellow/orange

Warning which requires attention, this could for example be one or more of the following reports:
Room temperature too high (as measured by the remote control)

Communication controller temperature too high (measured under the fire by the communication controller)

Maintenance is now due

Etc.

30 times red

Error situation, e.g.

Hardware error

Etc.

All codes can be read via the service program of the App.

9 Explanation of notification signals on I.T.C. LED.

LED flashes green 7 times with an interval of 30 seconds

- Controller linked to the Wi-Fi network

LED not active (for more than 1 minute)

- Controller has no power

Green once

- Command received from the remote control or App. on Smartphone or tablet
- Pair button on controller pressed briefly

Green 5 times

- Controller linked successfully to the Wi-Fi network

Orange 5 times

- Wi-Fi connection issue, try again to make connection

Red 5 times

- Wi-Fi problem detected, Wi-Fi module restarts

Orange 15 times

- Warning detected

Red 30 times

- Error detected

Flashes red at one second intervals

- Controller is not connected to the Wi-Fi network

Flashes orange at one second intervals

- Controller is busy executing an order via Wi-Fi

Flashes green, twice per second, max 2 minutes

- Pairing function active

Flashes red and orange

- Access Point mode active
 - select Wi-Fi network FaberSetup_0007 start browser and go to URL fabersetup.com

Flashes red and green

- Acceptance Reset time slot active
 - Press the Pair button once again to activate the reset

Red (continuous or briefly)

- Current input from the connected FP controller is greater than the maximum permitted value
 - briefly when switching off is OK
 - briefly during every ignition pulse is OK and briefly after starting the shutdown sequence.
 - in all other cases not OK



www.faber.nl - info@faber.nl

Saturnus 8 NL - 8448 CC Heerenveen

Postbus 219 NL - 8440 AE Heerenveen

Dealer information: