



**INSTRUCTIONS FOR USE &
MANUAL DAILY MAINTENANCE**

DERBY SMALL 3 CF - LF

Gas fire with closed combustion system



Bellfires wishes you many cosy evenings with your new Bellfires gas fire

This document is an essential part of your gas fire.
Read it carefully before use of the gas fire and keep it in a safe place!



Serial number:

Production date:

BELLFIRES GAS FIRE WITH CLOSED COMBUSTION SYSTEM:

Derby Small 3 CF (Centre Fire) (DYS3 CF)

Derby Small 3 LF (Line Fire) (DYS3 LF)

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1 WARRANTY TERMS

Interfocos Warranty terms

Interfocos B.V. guarantees the quality of the supplied Bellfires hearth and the quality of the materials used. All Bellfires hearths are developed and manufactured according to the highest possible quality standards. If, despite all this, something should prove amiss with the Bellfires hearth you have purchased, Interfocos B.V. offers the following manufacturer's warranty.

Article 1: Warranty

- 1.1. If Interfocos B.V. determines that the Bellfires hearth you have purchased is defective as a result of a flaw in the construction or material, Interfocos B.V. guarantees to repair or replace the hearth free of charge, without charging any costs for labour or spare parts.
- 1.2. Repair or replacement of the Bellfires hearth will be undertaken by Interfocos B.V. or by a Bellfires dealer as designated by Interfocos B.V.
- 1.3. This warranty is supplementary to the existing legal national warranty of Bellfires dealers and Interfocos B.V. in the country of purchase and is not intended to restrict your rights and claims based on the applicable legal provisions.

Article 2: Warranty conditions

- 2.1. Should you wish to claim under the warranty, please contact your Bellfires dealer.
- 2.2. Complaints should be reported as quickly as possible after they have manifested themselves.
- 2.3. Complaints will only be accepted if they are reported to the Bellfires dealer, together with the serial number of the Bellfires hearth which is stated on the front of the instructions for use.
- 2.4. In addition, the original receipt (invoice, receipt, cash receipt) showing the date of purchase must also be submitted.
- 2.5. Repairs and replacements during the warranty period do not give any entitlement to an extension of the warranty period. After a repair or replacement of warranty parts, the warranty period shall be deemed to have started on the date of purchasing the Bellfires hearth.
- 2.6. If a certain part is eligible for the warranty and the original part is no longer available, Interfocos B.V. shall ensure that an alternative part of at least the same quality shall be provided.

Article 3: Warranty exclusions

- 3.1. The warranty on the Bellfires hearth ceases to be in effect if:
 - a. it is not installed according to the supplied installation instructions, and to national and/or local regulations;
 - b. it has been installed, connected or repaired by a non-Bellfires dealer;

- c. it has not be used or maintained according to the instructions for use;
 - d. it has been changed, neglected or roughly treated;
 - e. it has been damaged as a result of external causes (outside the hearth itself), for example, lightning strike, water damage or fire;
- 3.2. In addition, the warranty lapses if the original purchase receipt shows any change, deletion, removal or if it is illegible.

Article 4: Warranty area

- 4.1. The warranty is only valid in those countries where Bellfires hearths are sold through an official dealer network.

Article 5: Warranty period

- 5.1. This warranty will only be granted during the warranty period.
- 5.2. The body of the Bellfires hearth is guaranteed for a period of 10 years against construction and/or material faults, starting from the moment of purchase.
- 5.3. For other parts of the Bellfires hearth, a similar warranty applies from the moment of purchase for a period of one year.
- 5.4. For user parts such as glass, glass (cord), thermocouple and the interior of the combustion chamber, a similar guarantee is given until after the first burning.

Article 6: Liability

- 6.1. A claim granted by Interfocos B.V. under this warranty does not automatically imply that Interfocos B.V. also accepts liability for any possible damage. The liability of Interfocos B.V. never extends further than that stated in these warranty conditions. Any liability of Interfocos B.V. for consequential damage is expressly excluded.
- 6.2. That stated in this provision is not valid if and to the extent that is derives from a mandatory provision.
- 6.3. All agreements entered into by Interfocos B.V. are, unless specifically stated otherwise in writing and to the extent that they are permitted based on applicable law, subject to the Conditions of the Dutch Metal and Engineering Association (METAALUNIEVOORWAARDEN), as filed with the registrar of the Court of Rotterdam on 1 January 2008.

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5531 AB Bladel
The Netherlands
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Email: info@Bellfires.com

Carefully retain the instructions for use; they show the serial number of the hearth. You will need this if you wish to claim under the warranty.

2 INSTRUCTIONS FOR USE

2.1 INTRODUCTION

Congratulations on your purchase of this modern Bellfires gas fire. This quality product will provide you with many years of enjoyment due to the flame effect and warmth that it provides.

Please read the instructions for use carefully before using the appliance for the first time. Keep this booklet in a safe place.

2.2 BUILT-IN PROTECTION OF THE APPLIANCE

The appliance is fully protected by means of a thermo-electric pilot light shut off in the event of a gas escape from the main burner.

In addition, the appliance is equipped with a safety system, whereby hatches will extract any over-pressure that arises in a controlled way. In this, the hatches in the ceiling of the combustion chamber, briefly open.

A loud noise can occur. If this happens, immediately close the gas tap and contact the fitter.

2.2.1 Safety



Do not place embers, vermiculite granules, wood logs or pebbles against the pilot light burner. Make sure that the pilot flame can burn at all times freely over the main burner. Only in this way is proper ignition of the main burner ensured.

Ignoring these directions could lead to a dangerous situation.



Do not place flammable objects within 100 cm of the appliance. Pay special attention to furnishings and ornaments around the fire.



When igniting the pilot light and burner, always keep a minimum distance of 100 cm from the front of the appliance.



If the pilot flame goes out for any reason, wait for 5 minutes before attempting to re-light it.



It is essential that the appliance, the complete concentric flue system and the outlet are cleaned and inspected annually by a recognised fitter/gas specialist. The safe operation of the appliance will thus remain guaranteed. For this, please refer to the Installation instructions (Chapter 2: Maintenance), that are supplied separately with each appliance.



The gas fire must never be used with the door open or the door glass removed.



Never place flammable material on the ceramic log set.



The filling of the main burner with embers, vermiculite granules, wood logs or pebbles may not under any circumstances be changed or added to.



Do not place easily-flammable materials, such as nylon clothing or flammable liquids, in the vicinity of the gas fire.



Ensure at all times that children and other people who are not aware of the operation of the gas appliance are only in the vicinity of the appliance exclusively under supervision.



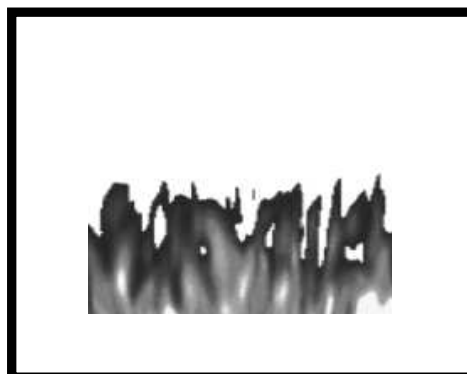
Use a fireguard to protect the people and children mentioned above against possible burns.

2.3 FLAME EFFECT

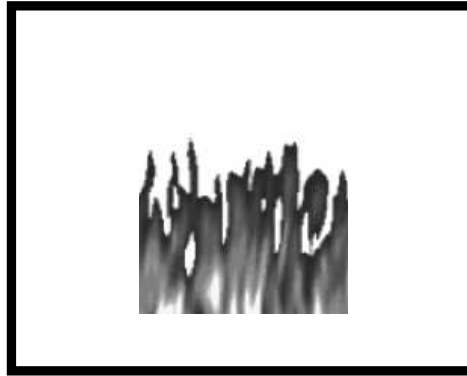
The appliance is supplied with a “Centre Fire” or “Line Fire” double burner, as ordered, from the factory. These burners each have their own specific flame effect, see below for an impression.

Derby Small 3 CF

The appliance is supplied with a “Centre Fire” double burner:



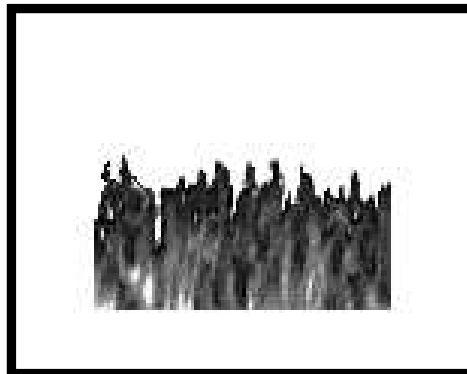
Both burners ON



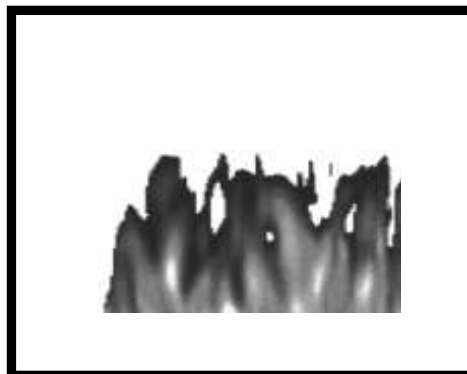
Only front burner ON

Derby Small 3 LF

The appliance is supplied with a "Line Fire" double burner:



Both burners ON



Only front burner ON

Natural gas: The above sketches provide an impression of the flame effect. This can differ from reality. The flame effect is namely dependant on the composition and supply pressure of the natural gas present.



Butane and Propane:

The flame effect produced by butane and propane is less realistic than with natural gas. The flame effect is less as far as flame volume and height are concerned!

2.4 OPERATION: REMOTE CONTROL



2.4.1 General

Read these instructions carefully before lighting the fire !!

The appliance is operated by radio remote control. This comprises a hand-held transmitter and a receiver. The receiver is part of the gas control block assembly.

The receiver and the gas control block are behind the (white) panel door (operating unit) next to the appliance. Press the door inwards to open; this will release the catch and the door will spring out.

The hand-held transmitter and receiver are powered by batteries.

Hand-held transmitter : 1x 9V battery.

Receiver : 4x 1.5V battery type LR6 or AA.

Option: 6V adapter (230 VAC). Available from your fitter.

Note: Hand-held transmitter and receiver are **not** interchangeable with previous models.

The pilot light is situated in the front of the burner, behind a cowl. *Should the pilot light go out, you must wait five (5) minutes before attempting to re-ignite the fire.*

Important

Once the fire is lit, it must burn at maximum for approx. 10 minutes to allow the chimney to come up to temperature!

2.4.2 Hand-held transmitter

The remote control works by radio signal. The hand-held transmitter is configured in the factory with a unique signal code.

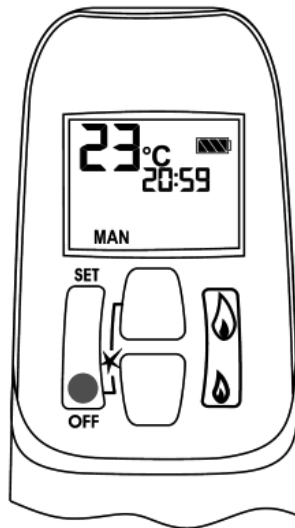


Figure 1: Hand-held transmitter

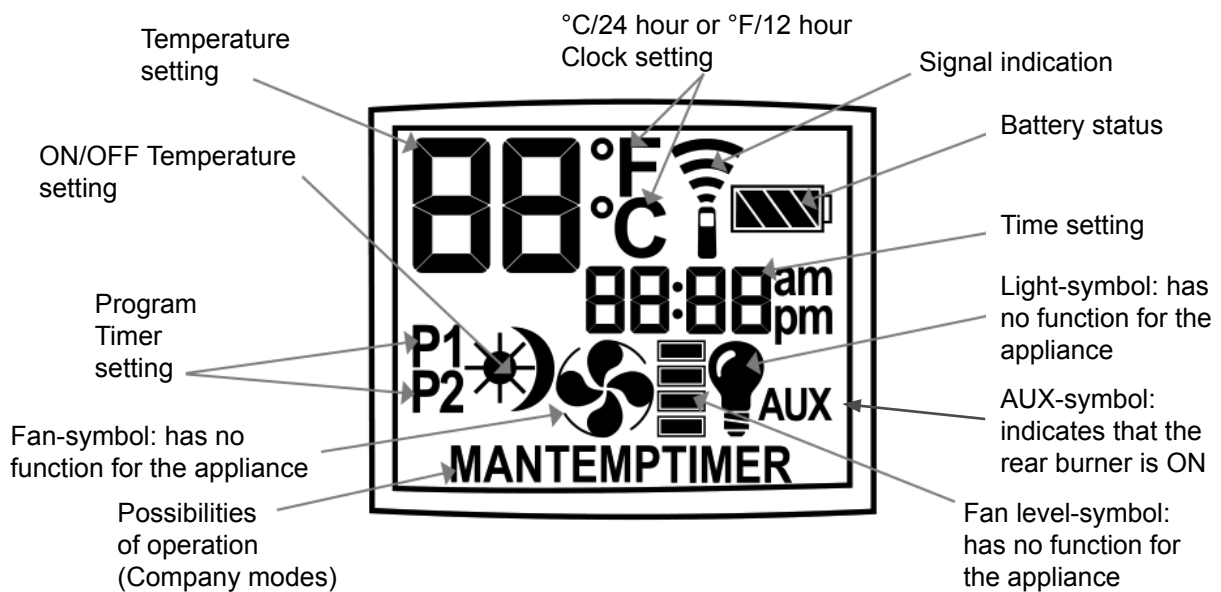
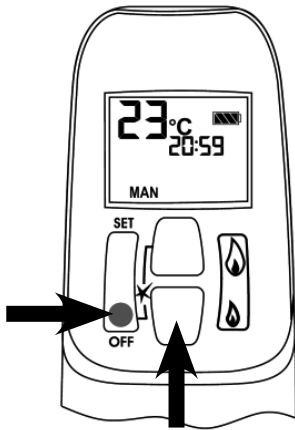



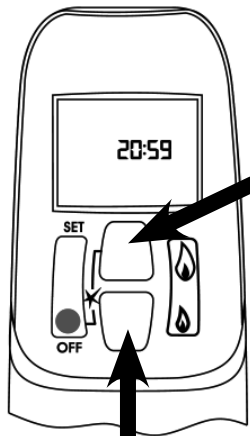


Figure 2: Display hand-held transmitter








Set the display - °C/24 hour or °F/12 hour Clock setting

- Connect the batteries. By simultaneously pressing **OFF** and  (small flame), can be switched from °F (and 12 hour clock) to °C (and 24 hour clock), or vice versa.
- The display will automatically return to  mode after some time, but you may immediately return to  mode by pressing the **OFF** button.




Set the current time

- The time display will flash after either:
 - a installing the battery or
 - b simultaneously pressing the  (large flame) and  (small flame).
- While the screen is flashing, you can adjust the time.
- Press  (large flame) to set the hour and  (small flame) to set the minute.
- Wait or press **OFF** to return to  mode.

Important: Setting up signal code before using the appliance for the first time.

Before the appliance can be used, the receiver must first learn the hand-held transmitter's signal code.

- Press the "**RESET**" button on the receiver, and keep this pressed until 2 audio signals are heard. See figure 3.
Release the "**RESET**" button after the second (somewhat longer) audio signal.
- Press, within 20 seconds, the  (small flame) button on the hand-held transmitter, until 2 short signals are heard. The signal code has now been set up on the receiver. If, however, a single long sound is heard, this means that setting the signal code has failed or that the wiring has been connected incorrectly.

You only need to set up the signal code once. It is not necessary when changing the batteries of the hand-held transmitter or receiver.

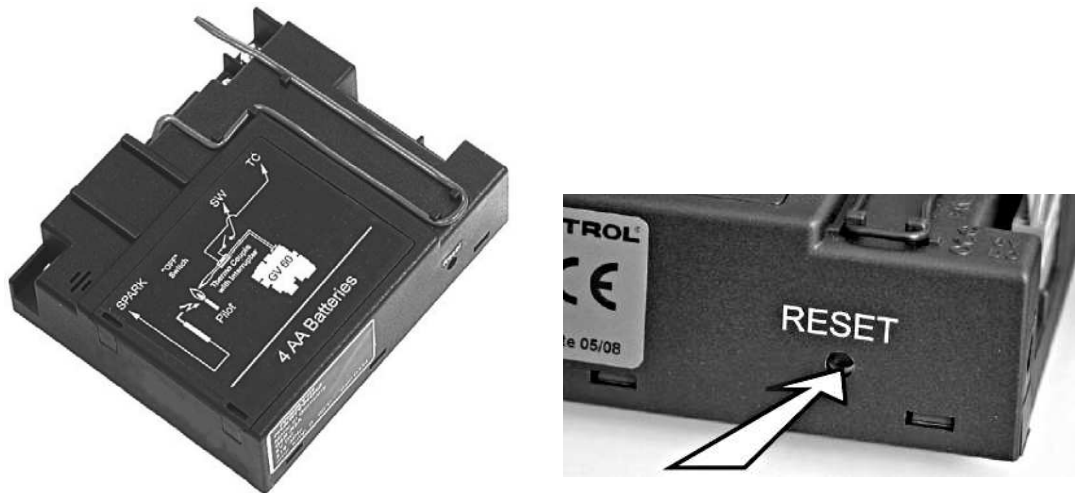


Figure 3: Receiver “RESET” button

Burner:

The appliance’s entire burner consists of a “front burner” and a “rear burner”. Burner operation described below applies to:







- 1 Both “front burner” and “rear burner”.
(The AUX-symbol **AUX** on the hand-held transmitter’s display is visible.)

or

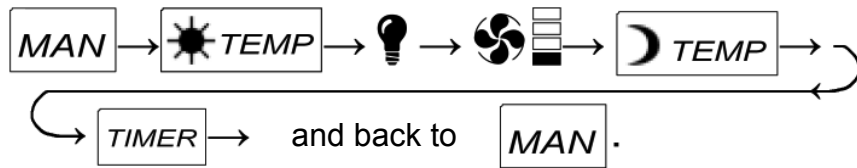
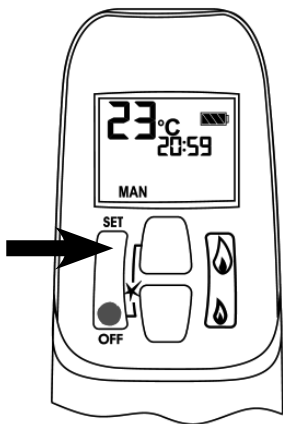
- 2 Only “front burner”. The “rear burner” is turned off.
(The AUX-symbol **AUX** on the hand-held transmitter’s display is not visible.)

Possibilities of operation

The following can be set with the remote control:

- | | | | | |
|---|---|---|---|--|
| 1 | : |  | = | Manual operation |
| 2 | : |  | = | Operating day temperature thermostat |
| 3 | : |  | = | Has no function for the appliance |
| 4 | : |  | = | Has no function for the appliance |
| 5 | : |  | = | Operating night temperature thermostat |
| 6 | : |  | = | Timer setting |

You can cycle through the menu with operating possibilities by repeatedly depressing the **SET** button:



At **TIMER** the selected starting time (P1 * or P2 *) or stopping time (P1) or P2) is also shown.

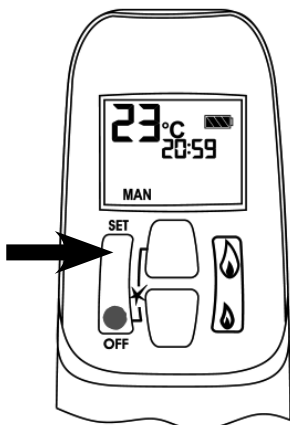
Returning to **MAN** is also possible by pressing the (small flame) or (large flame) button.

MAN

Manuel operation

Here you can turn the burner on and off, and adjust the height of the flames.

- Press (large flame) to turn on the burner and to increase the flame height.
- Press (small flame) decrease the flame height to turn the burner off.
The pilot light will keep burning. (**Stand-by position**)
- The appliance will automatically revert to stand-by if the batteries in the receiver are fully depleted. (The pilot light will also be turned off.)
This also applies to the Thermostat and Timer operation.
- When one of the buttons on the hand-held transmitter is pressed (except the **SET** button), the transmission symbol appears on the screen. The receiver confirms the transmission with an audio signal.



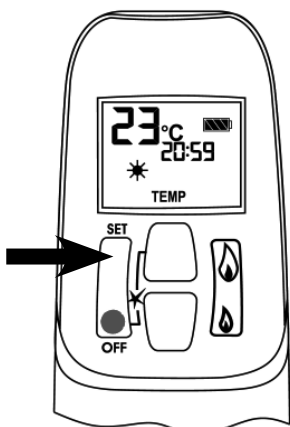
***TEMP**

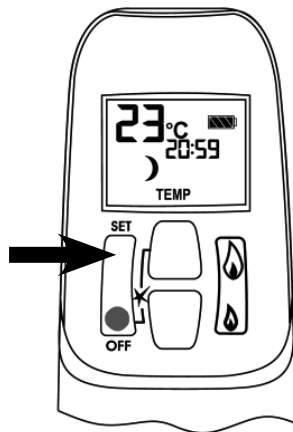
Operating day temperature thermostat

(The appliance must be in the standby position and the pilot light is burning.)

Automatic temperature regulation of the pre-set day temperature. The room temperature is measured and compared with the pre-set day temperature. The flame height is automatically regulated so as to reach the pre-set day temperature.

Also see: **Setting the desired temperature.**





☾ TEMP

Operating night temperature thermostat

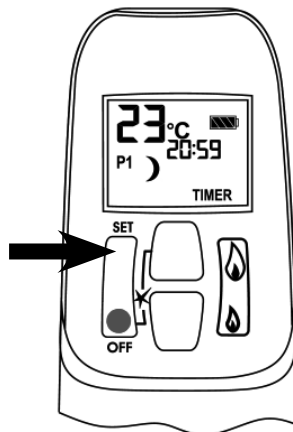
(The appliance must be in the standby position and the pilot light is burning.)

Automatic temperature regulation of the pre-set night temperature.

The room temperature is measured and compared with the pre-set night temperature.

The flame height is automatically regulated so as to reach the pre-set night temperature.

Also see: **Setting the desired temperature.**



TIMER

Timer operation

(The appliance must be in the standby position and the pilot light is burning.)

Appliance functions automatically according to the two pre-set heating periods;

P1 and P2. These heating periods repeat automatically every 24 hours.

Also see: **Programming the timer: P1 and P2.**

The appliance works thermostatically at the pre-set starting times P1 ☀ and P2 ☀ and the room temperature is automatically regulated to the pre-set day temperature

☀ TEMP .

The appliance works thermostatically at the pre-set stopping times P1 ☾ and P2 ☾ and the room temperature is automatically regulated to the pre-set night temperature









☾ TEMP .

In order to allow the appliance to regulate the temperature at night, the night ☾ TEMP temperature must be set to at least 5°C.

If the ☾ TEMP setting is lowered to ---, the appliance will switch to stand-by at night. The appliance will automatically operate at the following day cycle ☀ TEMP .









N.B.: The pre-set temperature is shown on the screen every 30 seconds.

Setting the desired temperature


- Select the desired mode of operation  or  by pressing the **SET** button briefly.
- Press the **SET** button until the temperature indication on the display begins to flash.
- Set the temperature with  (large flame) or  (small flame).
- Wait or press the **OFF** button briefly to go to  mode.
- If the temperature control in  should be off (lower battery consumption), decrease  the night temperature until  appears on the display.


Important:  **Place the hand-held transmitter in a place that is not influenced by direct sunlight, draught, heat from the appliance and other heat sources.**

Programming the timer: P1 and P2

- Select the desired mode of operation  by pressing the **SET** button briefly.
- Press the **SET** button until P1  (**ON**) (start heating period P1) and the time appear in the display. (The time indication flashes.)
- Set the time for the beginning of the first heating period by pressing  (large flame) for hours and  (small flame) for minutes setting.
- Press the **SET** button briefly; P1  (**OFF**) appears on the display. Set the time for the end of the first heating period.
- Press **SET** again to set the second heating period P2  (heat **ON**) and P2  (heat **OFF**).
- Wait a moment or press **OFF** to switch back to  mode.

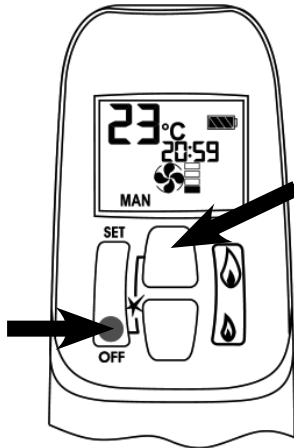
AUX -symbol on the display


The AUX-symbol  on the hand-held transmitter's display indicates that the "front burner" and "rear burner" are both being operated. All functions apply to both burners together.

If the AUX-symbol  on the hand-held transmitter's display is not visible, then the "rear burner" is turned off and all functions only apply to the "front burner"

2.4.3 Operation (Remote control)

Igniting the fire



- Open the gas supply valve in the gas pipe to the fire.
- Switch the hand-held transmitter to the **MAN** position.
- On the hand-held transmitter, press the **OFF** and  (large flame) buttons simultaneously. A short tone will signal the start. Release the buttons. Short beeps will then follow until the pilot light and main burner are ignited. Once the main burner has been ignited, the flame height will automatically rise to the maximum position.

Important:



- If the pilot flame goes out for any reason, wait for **5 minutes** before attempting to re-light it.
- If the pilot light does not ignite after 3 ignition attempts; close the gas tap and warn the fitter.
- Once the pilot light is burning, the main burner must ignite **within 10 seconds** automatically. If this does not happen, **immediately** close the gas tap and warn the fitter.
- If the main burner ignites with a pop; **immediately** close the gas tap and warn the fitter.

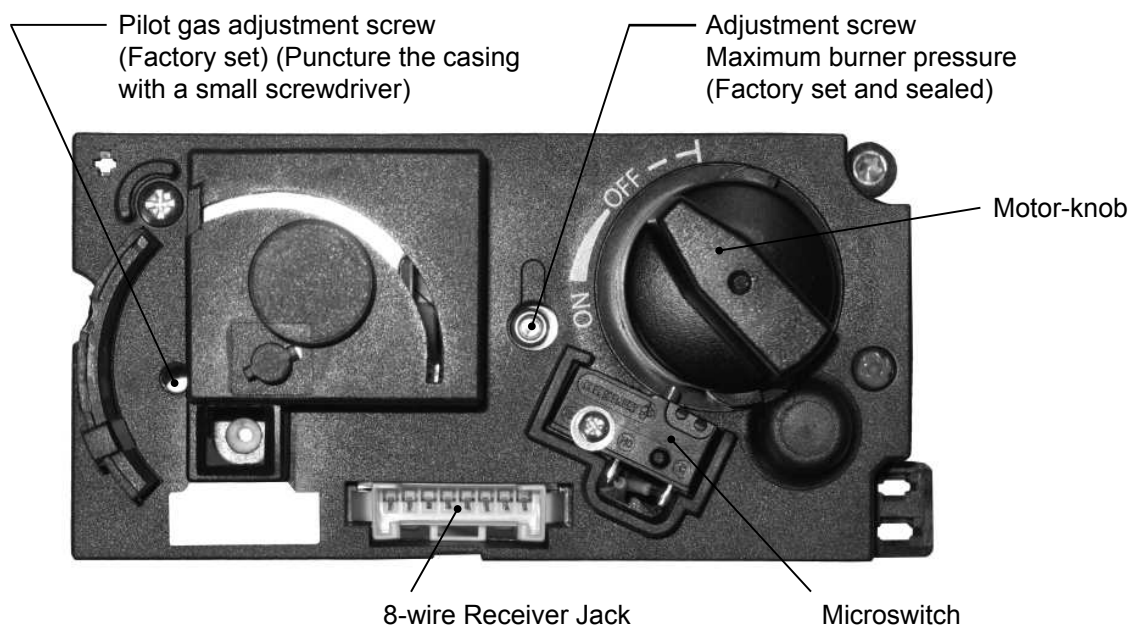


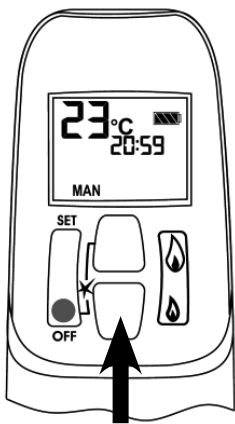
Figure 4: Gas regulating block




- Possible error messages:
 - * 3x short audio signal, audible when the motor-knob operates:
Receiver batteries need changing soon (having heard this signal, the appliance can be ignited another ten times approximately).
 - * 5 second unbroken tone:
Error. For example, one of the cables may not be properly connected.

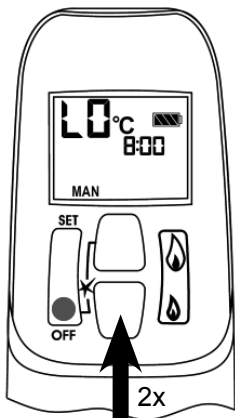
Important: If the pilot flame goes out, then wait for at least 5 minutes before repeating the above procedure.




Setting the flame height / Extinguishing the fire




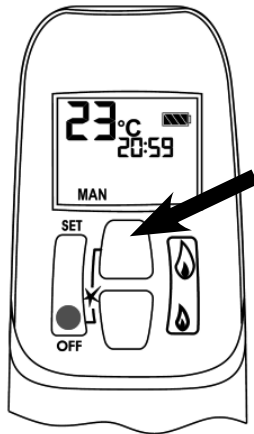
- After ignition, the burner automatically sets the flames to the maximum height.
- Press button  (small flame) to lower the flames and to turn off the burner (Extinguishing the fire:  small flame button: pilot light remains burning (standby position)!)
(Pressing briefly the  (small flame) button gradually lowers the flames to the low position.)





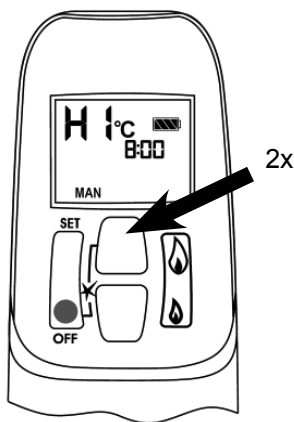
- Pressing the  (small flame) button twice automatically lowers the flames to the low position. (When this happens, the flames will first automatically go to maximum!) This is indicated by “LO” on the display.


Standby position (pilot light)

Press  (small flame) and keep pressed to set appliance to pilot light.




- Press button  (large flame) to increase the flame level and to turn on the burner from the stand-by position.
(Pressing briefly the  (large flame) button gradually increases the flames to the high position.)



- Pressing the  (large flame) button twice automatically increases the flames to the high position. This is indicated by “HI” on the display.

Important:

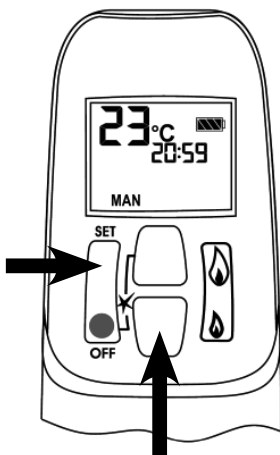
- If you turn on the burner by pressing the  (large flame) button, it must ignite within 10 seconds.
If this does not happen, immediately close the gas tap and warn the fitter.
- If the burner ignites with a pop; immediately close the gas tap and warn the fitter.

Turning the “rear burner” on and off.




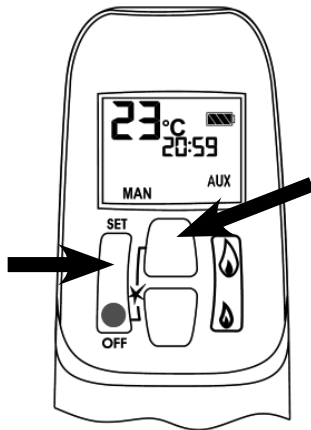
**Figure 5: Rear side of hand-held transmitter (battery cover)
Instructions for turning the “rear burner” on and off**

After igniting the pilot light and burner the “front burner” and “rear burner” are both ON. The AUX-symbol AUX on the hand-held transmitter’s display is visible.





Turning off the “rear burner”:



- Simultaneously press the SET-button and the  (small flame) to turn the “rear burner” OFF.



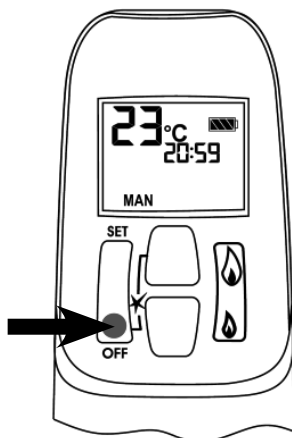
Turning on the “rear burner”:


- Simultaneously press the **SET**-button and  (large flame) to turn the “rear burner” ON.
The AUX-symbol  on the hand-held transmitter’s display is visible.

Notes:

- 1 The “rear burner” always remains in the last switching position chosen, as long as the appliance is not completely turned off (burner and pilot light OFF).
- 2 Turning the “rear burner” on and off is blocked in the Timer and Off function, if the night temperature setting  is reduced to .
- 3 If the receiver’s batteries are depleted the “rear burner” remains in the last chosen setting; IN or OUT. During normal use the “rear burner” will be automatically turned ON if the appliance is turned off before starting. For this press the **OFF**-button.

Switching off the appliance



- Press the  (small flame) button to lower the flames or to switch off the main burner.
- Then press the **OFF** button to switch off the appliance, including the pilot light.
- If the appliance is not to be used for some time, please close the gas supply valve in the gas pipe.

Important:





If the pilot flame goes out for any reason, wait for **5 minutes** before attempting to re-light it.

Faults

- If the signals from the hand-held transmitter do not seem to be reaching the receiver, the cause may be:
 - * Spent batteries: replace the batteries.
 - * An electronic problem: press the “**RESET**” button on the receiver.
- If the appliance regularly switches itself off, please contact your installer.

Replacing the batteries

- The hand-held transmitter/receiver batteries have a service life of approx. one year. We recommend you use alkaline batteries. Rechargeable batteries are not permitted.
- If the receiver’s batteries are nearly empty, the system will turn the appliance off completely. This will not occur if the receiver is connected to an adaptor (6V) (option) or if the appliance has a module for a convection fan (option) and/or light (option).
- The batteries must be replaced whenever:
 - 1 Hand-held transmitter : The battery symbol indicates this in the display.
 : Battery fully charged  : Battery empty
 - 2 Receiver: 3x short audio signal, audible when the motor-knob operates.
 - 1 Hand-held transmitter:
 - * Open the cover on the back of the transmitter.
 - * Carefully remove the 9V battery and disconnect it from the contact. Do not pull the wires!
 - * Connect the new battery and replace in the battery compartment. Close the cover.
 - 2 Receiver:
 - * Carefully pull the receiver assembly out of the compartment behind the facade of the appliance.
 - * Open the cover.
 - * Remove the batteries from the battery compartment.
 - * Place four new 1.5V batteries (LR6 or AA type) as indicated in the battery compartment. The negative end (-) of the battery must always be at the contact spring end of the compartment.
 - * Close the cover and place the receiver back in its holder.
- If the batteries are inserted incorrectly, the electronics or drive may be irreparably damaged.
- Only replace the batteries when the appliance has been completely switched off.

3 USING THE APPLIANCE FOR THE FIRST TIME

The gas fire is coated with a lacquer layer resistant to high temperature.

During the first hours of operation, the burning in of the lacquer may result in an unpleasant smell. This is harmless, however.

Operating the gas fire at full capacity for a few hours, while ventilating the room, will eliminate the smell.

After using your gas fire for the first few times, you may be aware of a light deposit on the inside off the glass. This is caused by the paint curing.

Once your fireplace has cooled down, this deposit can be removed with glass cleaner or ceramic hob cleaner.

4 DAILY MAINTENANCE

- Ensure that as little dust, and as few particles of cigarette smoke, candles and oil lamps as possible pollute the air in the room in which the appliance is used. Heating of these particles by the convection system of the appliance could lead to discoloration of the walls and ceiling. It is therefore very important to ensure that the room in which the appliance is located is sufficiently ventilated. Regularly remove any dust deposits from behind the facade (top and bottom sides) by means of a vacuum cleaner.

- Important:**
- **Regularly clean the glass on the inside of the appliance with glass spray or ceramic hob cleaner. (See installation instructions for dismantling/assembling the glass.)**



- Attention !**
- **If the glass is not cleaned on time, this can result in becoming dull and difficult, if not impossible, to clean.**
 - **Careful with glass cleaner ! Make sure that no glass cleaner liquid flows in the sealing of the inside of the glass pane at the bottom of the door. Spray each time a little glass cleaner liquid on the glass, and polish it off immediately. Glass cleaner liquid in the sealing of the door can cause dissolving of the black border on the inside of the glass. It will become very spotty and can't be repaired.**
- **If the glass is broken or cracked, it must be immediately replaced before operating the gas fire again.**



Broken ceramic heat-resistant glass may not be disposed in a glass recycling container, but must be included in normal household waste.

- If anything is spilt on the fire, switch it off immediately and wait for it to cool down sufficiently before cleaning. Never use scouring powder, aggressive cleaners or fire polish on the gas fire. Use only a dry lint free cloth.
- Heat resistant lacquer in aerosols can be obtained from your distributor. During the yearly maintenance, the lacquer can be used to repair small areas of damage.

5 ANNUAL MAINTENANCE



It is essential that the appliance, the complete concentric flue system (where possible) and the outlet are cleaned and inspected annually by a recognised fitter/gas specialist. The safe operation of the appliance will thus remain guaranteed.

Please refer also to the Installation instructions that are supplied separately with each appliance.



Your Bellfires dealer

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