

## **Ortal Remote Operation Instructions** **3-Button Remote**



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## Operating Instructions

### To Turn On Appliance


#### **▲ WARNING**

When pilot ignition is confirmed, motor turns automatically to maximum flame height.

- Turn MANUAL knob to the **ON**, full counterclockwise position.
- Place ON/OFF switch (if equipped) in **I (ON)** position).

#### **Handset**




- Simultaneously press the OFF and  (large flame) buttons until a short beep confirms the start sequence has begun; release buttons.
- Continuing beeps confirm the ignition is in process.
- Once pilot ignition is confirmed, there is main gas flow.
- After main burner ignition the handset will automatically go into temperature control mode (CSA version) or manual mode (CE version).

#### **Wall Switch/ Touch Pad/ Switch Panel**

- Press button "B" (see figure 23) until a short beep confirms the start sequence has begun; release button.
- Continuing beeps confirm the ignition is in process.
- Once pilot ignition is confirmed, there is main gas flow.

#### **STANDBY MODE (Pilot Flame)**

##### **Handset**

- Press and hold  (small flame) to set appliance at pilot flame.

##### **Wall Switch/ Touch Pad/ Switch Panel**

- Press and hold button "C" (see figure 23) to set appliance at pilot flame.

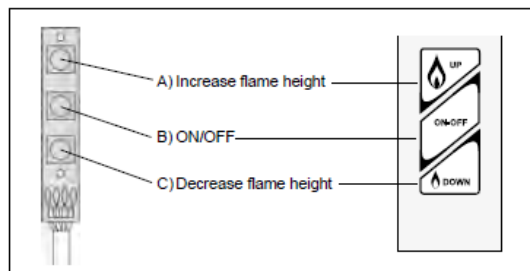


Figure 23: Switch Panel and Wall Switch/Touch Pad

## TO TURN OFF APPLIANCE



### Handset

- Press **OFF** button.


### Wall Switch/ Touch Pad/ Switch Panel

- Press button "B" (see figure 23).




## FLAME HEIGHT ADJUSTMENT



### Handset

- In standby mode: Press and hold  (large flame) button to increase flame height.



- Press and hold  (small flame) button to decrease flame height or to set appliance at pilot flame.
- For fine adjustment tap the  (large flame) or  (small flame) buttons.

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
### Wall Switch/Touch Pad/Switch Panel

(See figure 23)

- Press and hold button "A" to increase flame height.
- Press and hold button "C" to decrease flame height or to set appliance at pilot flame.
- For fine adjustment tap button "A" or "C".




### Designated Low Fire and High Fire

- Double-click  (small flame) button. "LO" will be displayed.

**NOTE:** Flame goes to high fire first before going to designated low fire.



- Double-click  (large flame) button. Flame automatically goes to high fire. "HI" will be displayed.
-

## MODES OF OPERATION



- Briefly pressing the SET button changes the mode of operation in the following order:



**NOTE:** Manual mode can also be reached by pressing either the



(large flame) or the



(small flame) button.



- MAN Manual Mode**  
Manual flame height adjustment.



- TEMP Daytime Temperature Mode**  
(Appliance must be in standby mode; pilot ignited)  
The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime Set Temperature.



- TEMP – Nighttime Setback Temperature Mode** (Appliance must be in standby mode; pilot ignited): The room temperature is measured and compared to the Nighttime Setback Temperature. The flame height is then automatically adjusted to achieve the Nighttime Setback Temperature.



- TIMER – Timer Mode** (Appliance must be in standby mode; pilot ignited): The Timers P1 and P2 (Program 1, Program 2) each can be programmed to go ON and OFF at specific times. For instructions see Timer Programming Mode.

**NOTE:** The display shows the set temperature every 30 seconds.

## LIGHT/DIMMER OPERATION

### 💡 – Light/Dimmer



- Briefly press SET button to scroll to 💡 (light bulb) mode. Light bulb icon flashes.
- Press and hold 🔥 (large flame) button to turn ON the light or increase brightness.
- Press and hold 🔥 (small flame) button to decrease brightness.
- In the Light/Dimmer mode, the OFF button shuts OFF the light.
- If you want the light ON but no flame, press and hold the 🔥 (small flame) button and turn to Pilot flame.

**NOTE:** The light bulb icon is displayed during light/dimmer setting only. 8 seconds after the light/dimmer has been set, the handset will automatically go into temperature control mode (CSA version) or manual mode (CE version).

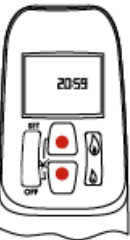
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## SETTING °C/24 HOUR OR °F/12 HOUR CLOCK



- Press OFF and 🔥 (small flame) button until display changes from Fahrenheit/12 hour clock to Celsius/24 hour clock and vice versa.

## SETTING THE TIME




- The Time display will flash after either:
    - a) Installing the battery or
    - b) Simultaneously pressing the 🔥 (large flame) and 🔥 (small flame) buttons.
  - Press 🔥 (large flame) button to set the hour.
  - Press 🔥 (small flame) button to set the minute.
  - Press OFF or simply wait to return to manual mode.
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### Setting the "DAYTIME" Temperature

DEFAULT SETTINGS:  TEMP (sun), 23 °C/74 °F





- Briefly press SET button to scroll to TEMP  TEMP (sun) mode. Hold the SET button until the TEMP flashes.



- Press  (large flame) button to increase  Daytime Set Temperature.



- Press  (small flame) button to decrease  Daytime Set Temperature.

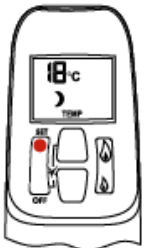



- Press OFF or simply wait to complete programming.

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### Setting the "NIGHTTIME SETBACK" Temperature

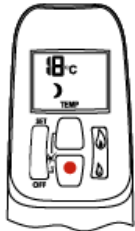
DEFAULT SETTINGS:  TEMP (moon), "--" (OFF)





- Briefly press SET button to scroll to TEMP  TEMP (moon) mode. Hold the SET button until the TEMP flashes.



- Press  (large flame) button to increase  Nighttime Setback Temperature.



- Press  (small flame) button to decrease  Nighttime Setback Temperature.



- Press **OFF** or simply wait to complete programming.
-



## SETTING PROGRAM TIMERS

### Default Settings:

CE: Program 1: P1 ☼ 6:00 P1 ☾ 8:00

Program 2: P2 ☼ 23:50 P2 ☾ 23:50

CSA: Program 1: P1 ☼ 6:00<sup>am</sup> P1 ☾ 8:00<sup>am</sup>

Program 2: P2 ☼ 11:50<sup>pm</sup> P2 ☾ 11:50<sup>pm</sup>

- 2 ON times can be programmed ☼ per day.
- CE: The day starts at 0:00, ends at 23:50.
- CSA: The day starts at 12:00<sup>am</sup>, ends at 11:50<sup>pm</sup>.
- The ON/OFF times have to be programmed in the order P1 ☼ ≤ P1 ☾ < P2 ☼ ≤ P2 ☾.
- If P1 ☼ = P1 ☾ or P2 ☼ = P2 ☾ the timer is deactivated.
- To have the fire over night, it can be set:  
CE: P2 ☾ 23:50 and P1 ☼ 0:00  
CSA: P2 ☾ 11:50<sup>pm</sup> and P1 ☼ 12:00<sup>am</sup>



- Select Timer Mode by briefly pressing the **SET** button.



### Setting P1 ON Time

- Hold the **SET** button until P1 ☼ (sun) is displayed and the time flashes.



- Set the hour by pressing the ☾ (large flame) button.



- Set the minutes by pressing the ☼ (small flame) button.



#### Setting P1 OFF Time

- Briefly press **SET** button to scroll to setting P1 OFF time. P1 (moon) is displayed and the time flashes.



- Set the hour by pressing the (large flame) button.



- Set the minutes by pressing the (small flame) button.

#### Setting P2 ON Time

- Briefly press **SET** button to scroll to setting P2 ON time. P2 (sun) is displayed and the time flashes.
- See instructions SETTING P1 ON TIME.

#### Setting P2 OFF Time

- Briefly press **SET** button to scroll to setting P2 OFF time. P2 (moon) is displayed and the time flashes.
  - See instructions SETTING P1 OFF TIME.
  - This concludes programming Timers P1 and P2. Press **OFF** or wait. The handset will automatically save your changes.
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## **Automatic Turn Down**

### **6 Hour no Communication Function**

(CSA version)

- Manual Mode/Temperature/Timer Mode: The valve will turn to pilot flame if there is no change in flame height for a 6 hour period. In Temperature/Timer Mode if the ambient room temperature changes, the flame height will adjust automatically to maintain set temperature and the fire will continue to function normally. The valve will turn to pilot flame if the set temperature and the ambient room temperature remain the same over a 6 hour period.

### **Low Battery Receiver**

- With low battery power in the receiver the system shuts off the fire completely. This will not happen if the power supply is interrupted.

### **Five Day Shut Off**

(CSA version)

- The system shuts off the fire completely if there is no change in flame height for 5 days.

**NOTE:** Before the next ignition there is a 2 minute waiting period.