



SOLAS S-507 One-Touch Remote Instruction Manual

[Home](#) » [Solas](#) » SOLAS S-507 One-Touch Remote Instruction Manual 

SOLAS

ONE-TOUCH REMOTE
SUPPLEMENTAL MANUAL



**Your Fireplace has been equipped with the SÓLAS next-generation control system.
Please refer to this supplemental manual for the operation of the SÓLAS One-Touch Remote.**

Congratulations on your purchase of an SÓLAS Fireplace!

We welcome you to the SÓLAS family of gas fireplaces. Each of our products is skillfully designed and expertly manufactured in the USA. We take great pride in every fireplace we make, with every product being fully tested throughout the production process to ensure your safety and warmth throughout the years. Sincerely, The SÓLAS Team

Contents

- [1 LIGHTING & OPERATION](#)
- [2 SÓLAS ONE-TOUCH REMOTE OPERATION](#)
- [3 ONE-TOUCH REMOTE MAIN DISPLAY OVERVIEW](#)
- [4 MODES OF OPERATION](#)
- [5 SÓLAS ONE-TOUCH REMOTE OPERATION](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)

LIGHTING & OPERATION

FIRST FIRE INSTRUCTIONS

When operating your new fireplace for the first time, some vapors may be released due to the curing compounds used in the manufacture of the appliance. They may cause a slight odor and could cause the flames to be the full height of the firebox, or even slightly higher, for the first few hours of operation. It is possible that these vapors could set off smoke detection alarms in the immediate vicinity. These vapors are quite normal on new appliances. We recommend opening a window to vent the room during the burn-off period. After a few hours of use, the vapors will have disappeared and the flames will be at their normal height. It is important that the Comfort Blower is turned on to help clear the vapors from the unit.

Follow these instructions for a successful first fire;

1. Turn the fireplace on in Manual Mode.
2. Set flame height to HI.
3. Set the Comfort Blower speed control to the level
4. Let the fireplace run for 3 hours at this setting then shut off the fireplace and let it cool.
5. After the fireplace cools, turn the fireplace on in manual mode with flame on HI and the Comfort Blower off.
6. Allow the fireplace to run for 6 hours in this setting.

NOTE: Slight Odors may still be noticed on future uses of the fireplace but will diminish over time. The type of finishing materials used around the fireplace may add odors or add to the curing time. If the fireplace has not been used in several months, it is normal for odors to occur caused by lint or dust that has settled on the unit while not in use.

FLAME SUPERVISION DEVICE

For your safety, this appliance is fitted with a flame supervision device that will shut off the gas supply if, for any reason, the pilot flame goes out. This device incorporates a fixed probe, which senses the heat from the pilot flame. If the probe is cool, the device will prevent any gas flow unless manually lighting the pilot. See full lighting instructions.

NOTE: Periodically conduct a visual check to ensure the pilot and burner flames are as shown (top of page 3). During extremely cold weather, it is recommended that you leave the pilot running to prevent condensation from forming in the firebox and on the glass viewing area during startup.

LIGHTING, OPERATION & RATING INFO

The Lighting, Operation, and Rating information is located on a plate in front of the Comfort Blower inside the front face of the fireplace. To access the plate, remove the lower air trim panel as shown in step 1 on page 26.



WARNING

DO NOT ATTEMPT TO TOUCH THE DATA PLATE WHILE THE FIREPLACE IS STILL HOT! Let the fireplace cool first before touching it.

SERVICING

If any attention is required for your appliance, contact your dealer quoting the model number and serial number. This number is on the rating plate, which is located adjacent to the control module. The replacement parts are shown at the end of this manual. Please always quote the part number and description when requesting spare parts. Warranty is void if serviced by a non-qualified technician.

FIREPLACE CONTROL DEVICES

There are two ways to control your fireplace.

1. SÓLAS One-Touch Remote (S-507)
2. Optional Wall TouchPad (WTP-1500)

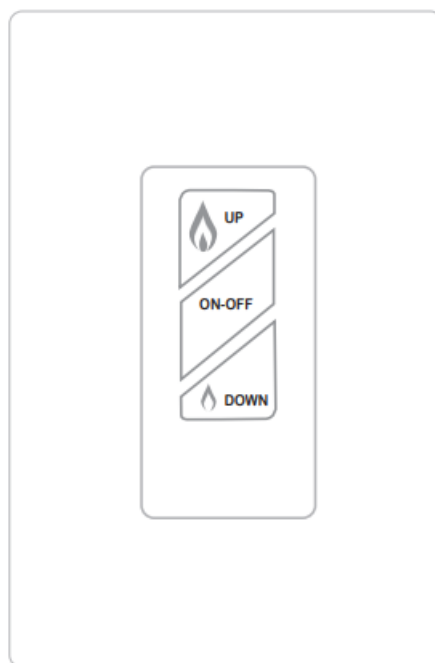
The SÓLAS One-Touch Remote can be programmed to function automatically—see pages 34-38. The Optional Wall TouchPad can be used to turn the flame on, off, and to increase or decrease the flame height.

NOTE: The SÓLAS One-Touch Remote in the AUTO mode will override the Wall Touch Pad.

NOTE: The Wall TouchPad is not compatible with the SÓLAS Self-Calibrating Power Vent System.



SÓLAS One-Touch
Remote Part #S-507



Wall Touch Pad
Part #WTP-1500
(Optional)

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

When lighting this appliance, follow instructions exactly.

A. This appliance is equipped with an ignition device that automatically lights the pilot. Do not try to light the pilot by hand.

B. BEFORE OPERATING THE BURNER SYSTEM, smell around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

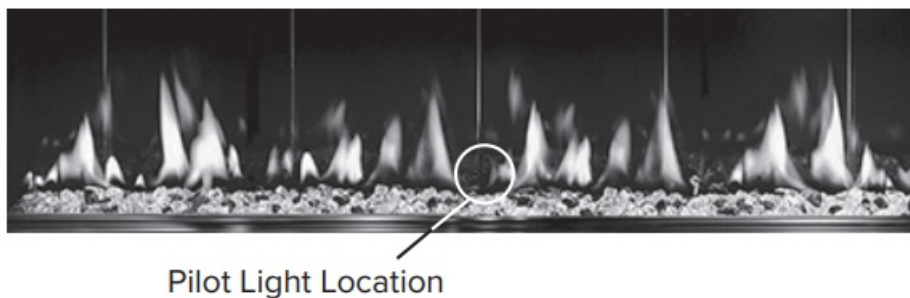
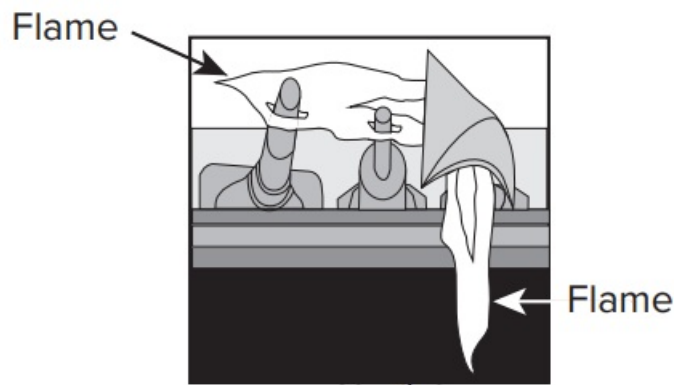
- Do not try to light the appliance.
- Do not touch any electric switch; do not use any telephone in your building.
- Immediately call your gas supplier from a neighbor's telephone. Follow the gas supplier's instructions
- If you cannot reach your gas supplier, call the fire department.

C. Use only your hand to operate the gas controls. Never use tools. If a knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system which has been underwater.

OPERATING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. This appliance is equipped with an ignition device that automatically lights the pilot. Do not try to light the pilot by hand.
3. Using the Remote, or the optional Wall TouchPad, push the "ON/OFF" button until you hear an audible signal to insure the appliance is off.
4. Wait five (5) minutes to clear out any gas. Then smell for gas including near the floor. If you smell gas, STOP! Follow "B" in the safety information above. If you don't smell gas, proceed to step 5.
5. Using either the Remote or the optional Wall TouchPad, press and hold the "ON/OFF" button for 4 seconds. An audible signal confirms the start sequence has begun.
6. Continuing beeps confirm the ignition is in process. Once lighting the pilot flame should appear as shown below. Once the pilot is confirmed, the main burner ignites on high.
- 7.



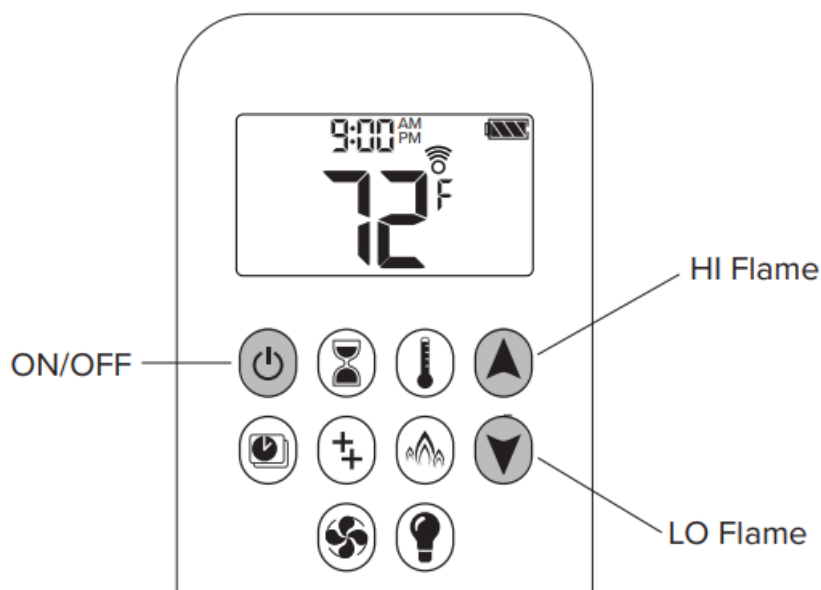
NOTE: If the pilot does not stay lit after several tries, proceed to step 9.

Use the flame height adjustment buttons on either the Remote or the optional Wall TouchPad to adjust the flame. To increase flame height, press and hold ▲. To decrease flame height, press, and hold ▼

8. Press and hold the ▼ button on the Remote or optional Wall TouchPad to set the appliance to Pilot flame only.
9. If the appliance will not operate, follow the instructions “TO TURN OFF GAS TO THE APPLIANCE” and call your gas service technician or gas supplier.

TO TURN OFF GAS TO THE APPLIANCE

1. To turn off gas to the appliance, push and release the “OFF” button on either the Remote or the optional Wall TouchPad. An audible signal will confirm.
2. TO TURN OFF THE GAS SUPPLY TO THE APPLIANCE, close the shut-off valve on the gas supply line to the appliance.



SOLAS ONE-TOUCH REMOTE OPERATION

SÓLAS ONE-TOUCH REMOTE PAIRING SET-UP

The Control Module and the Remote must be paired before the first use. This has been completed for you at the factory. Refer to the section below if the Control Module and Remote lose synchronization.

1. Insert two AAA alkaline batteries in the Remote. Only use brand-name alkaline batteries, such as Duracell or Energizer.
2. Four AA alkaline batteries are installed in the Control Module (shown below).
NOTE: The four AA batteries are only used for battery backup purposes in the event of a power outage.
3. Locate the RESET button on the front side of the Control Module.
4. Press and hold the Control Module's RESET button until you hear one short beep and one long beep. After the second beep, release the reset button.
5. Within the subsequent 20 seconds, press and hold the button on the Remote for 2-3 seconds. will be displayed and flash on the Remote during the pairing sequence. The Remote will count up from 1 to 8, and you will hear two short beeps confirming the pairing is complete.

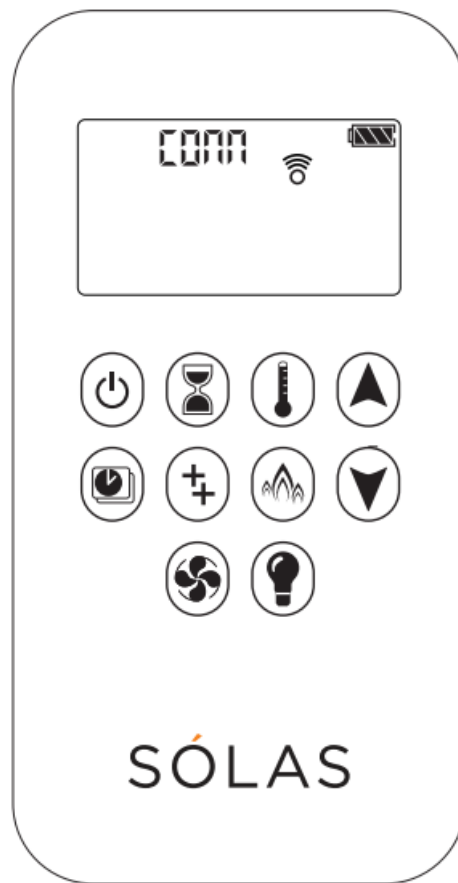
If you hear one long beep, the pairing sequence has failed or the wiring is incorrect.

This is a one-time pairing and is not required when changing the batteries of the Remote or Control Module.

The remote control system is now ready to use.



SÓLAS One-Touch
Control Module
Part #S-504



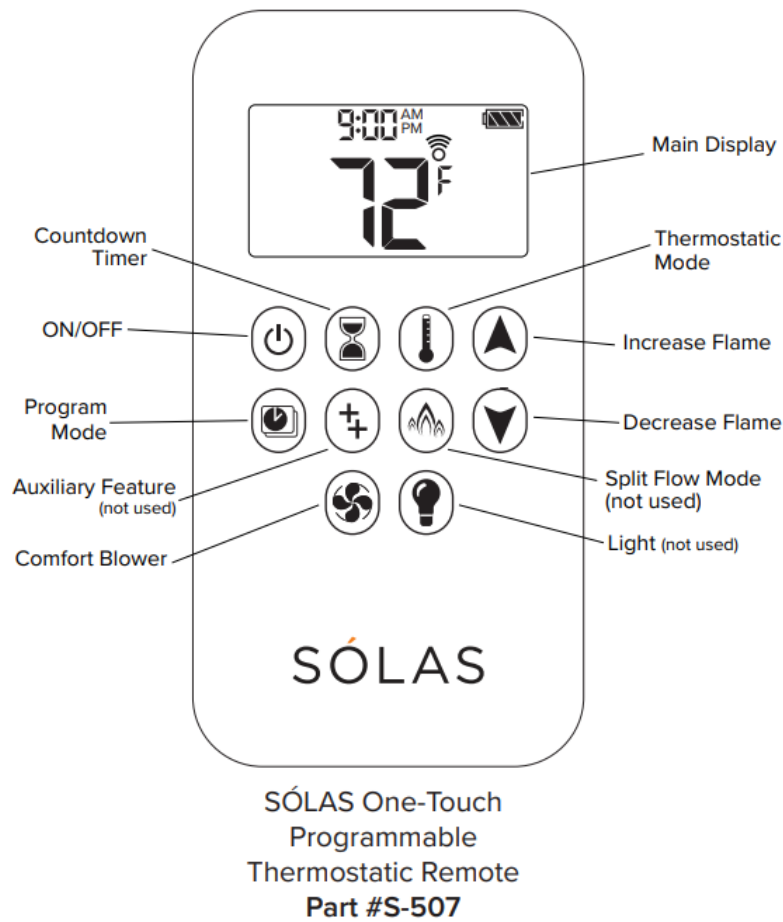
SÓLAS One-Touch
Programmable
Thermostatic Remote
Part #S-507

NOTE: The batteries in your SÓLAS one-touch remote control and control module are to be replaced annually.

HOW TO TURN YOUR FIREPLACE OFF (INCLUDING PILOT)

Familiarize yourself with each of these methods before operating your fireplace.

Remote and Wall TouchPad*: Press and hold the ONOFF button for a second (either on the Remote or the optional Wall TouchPad).



If the flames are on, they go down and you hear the valve motor wind down. You hear a clunk and a beep indicating that the valve has received the signal from the Remote.

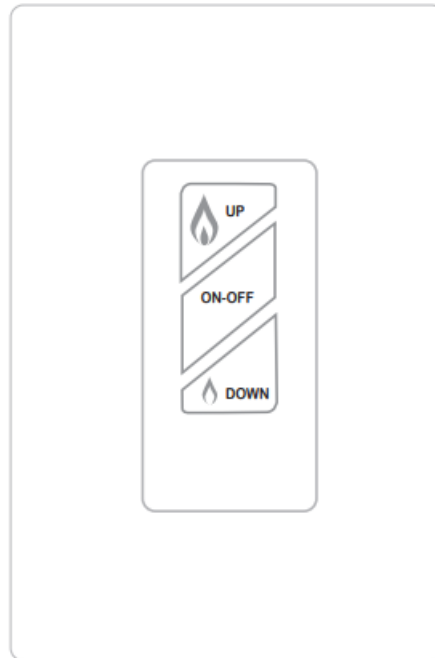
HOW TO ENSURE YOUR FIREPLACE CAN NOT BE TURNED ON INADVERTENTLY

You can use the following method to ensure that your fireplace will not turn on when you don't want it on. First, ensure your fireplace is turned off—including the pilot—and cold BEFORE going ahead.

- Close the shut-off valve on the gas supply line to the appliance.
- Remove all batteries from the Control Module as well as the batteries from the Remote.
- Shut off power at the breaker.

Automatic Shut-Off (in certain conditions)

Your fireplace's Remote is equipped with an automatic shut-off mechanism which is activated in certain conditions. See page 38 in the Remote Control Operation section for a description of this feature.



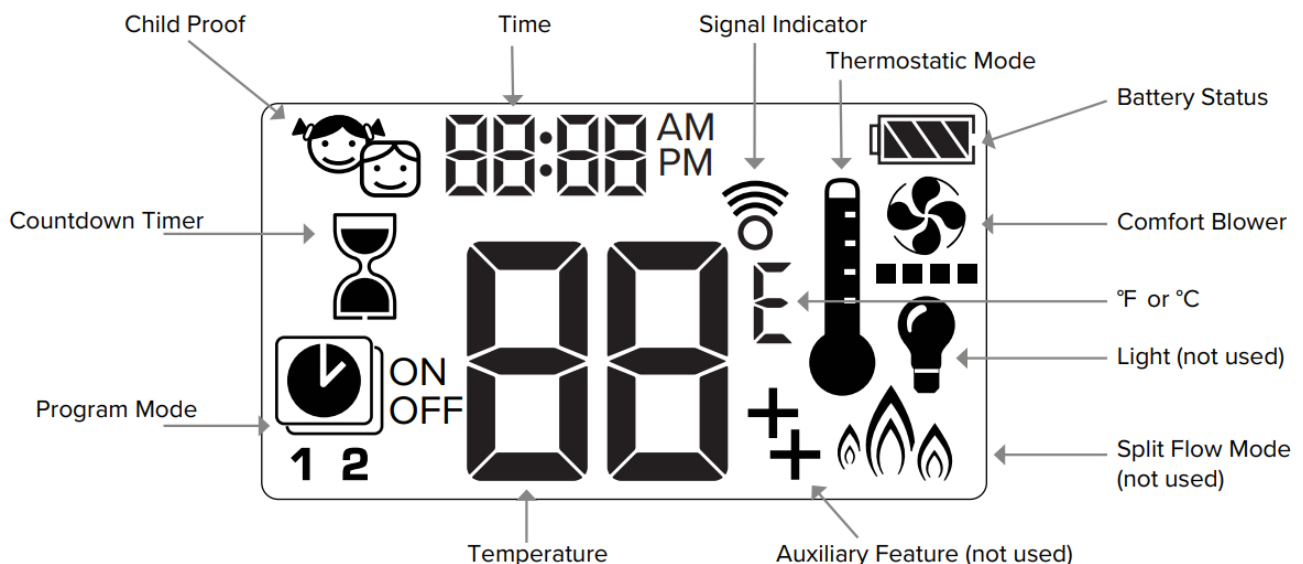
SÓLAS Wall Touch Pad*
(Optional)

Part #WTP-1500

NOTE: Before using the remote control system for the first time, the Control Module and the Remote are synchronized at the factory. See the section SÓLAS Remote Pairing Set-up on page 32 of this manual if the Control Module and Remote lose synchronization.

IMPORTANT: BEFORE YOU BEGIN, please note that with this system, the settings of time, temperature, and automatic ON/OFF can only be programmed when the function display is flashing. Be patient when programming as it does take time to set up.

ONE-TOUCH REMOTE MAIN DISPLAY OVERVIEW



DO NOT leave the Remote on the hearth, mantel, or on top of the fireplace. Use the Remote wall mount holder provided.

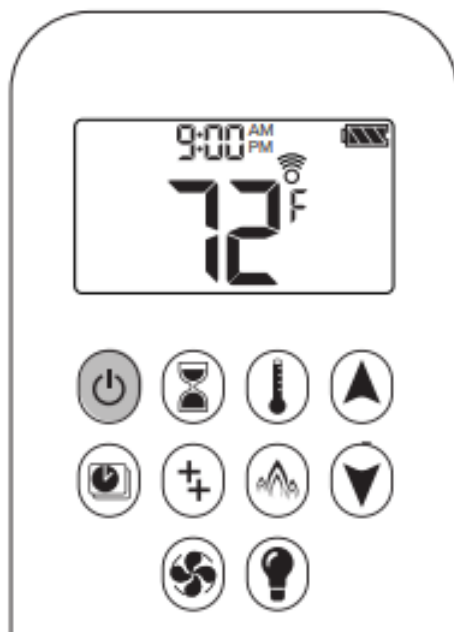
TO TURN ON THE FIREPLACE


CAUTION

WHEN PILOT IGNITION IS CONFIRMED, THE MOTOR TURNS AUTOMATICALLY TO MAXIMUM FLAME

HEIGHT.

One-Touch Lighting (default)  :




Press and hold for  seconds, until 8 short beeps and a blinking series of lines confirms the start sequence has begun. Release button.

Main gas flows once pilot ignition is confirmed.

Remote automatically goes into manual mode after main burner ignition. The fireplace will default to HI flame.

STANDBY MODE (PILOT FLAME)




Press and hold  to set the appliance to pilot flame.

CAUTION

If the pilot does not stay lit after several tries call your local service technician or gas supplier.

TO TURN OFF FIRE

Press  to turn OFF. When the pilot is off, it will take 2 minutes before it can be lit again.

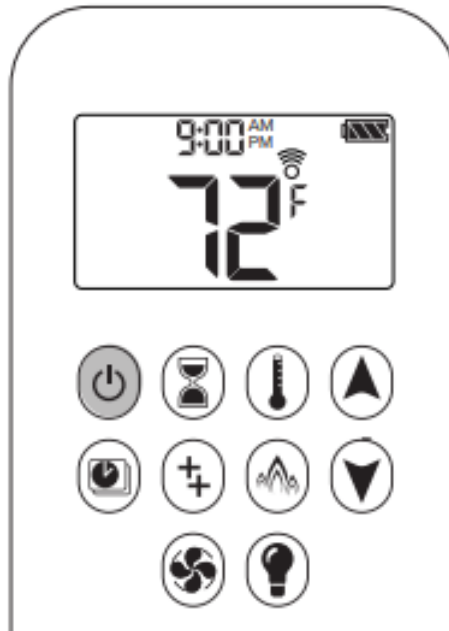


NOTE: There is a 2-minute delay after switching off before the next ignition is possible.

CAUTION

Always check the fire and pilot visually to ensure they are off.

FLAME HEIGHT ADJUSTMENT



To increase flame height, press and hold ▲.

To decrease flame height, press and hold ▼. You may hold the button down until the fire is set to pilot flame only.

DESIGNATE LOW AND HIGH FIRE





Double-Click the DOWN arrow button. “LO” is displayed.

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



Double-Click the UP Arrow button. Flame automatically goes to high fire. “HI” will be displayed.















SETTING CELSIUS OR FAHRENHEIT

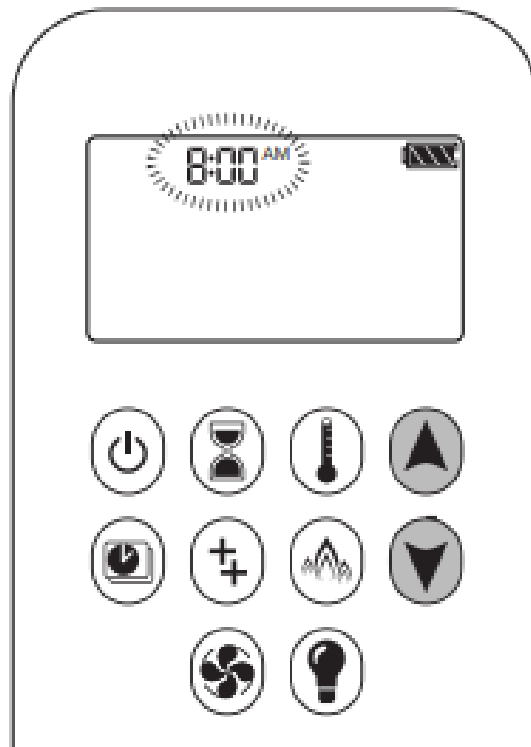
To change between °C and °F, press and hold  +  simultaneously.



Note: When Remote is in °C (Celsius) mode the clock will be 24-hour. When Remote is in °F (Fahrenheit) mode the clock will be 12-hour.




SETTING THE TIME

1. Press  or  simultaneously. Day flashes.
2. Press  or  to select a number to correspond with the day of the week.
 - 1 = Monday
 - 2 = Tuesday
 - 3 = Wednesday
 - 4 = Thursday
 - 5 = Friday
 - 6 = Saturday
 - 7 = Sunday
3. Press  or  simultaneously. Hour flashes.
4. To select hour press or  or 
5. Press  or  simultaneously. Minutes flash.
6. To select minutes press  or 
7. To confirm, press  or  simultaneously or wait.






CHILDPROOF

Your Remote can be set to lock out all commands to the fireplace, except of.
To turn Child Proof ON:

1. Press and hold  or  simultaneously.
2.  is displayed. Child Proof is now active.








To turn Child Proof OFF:

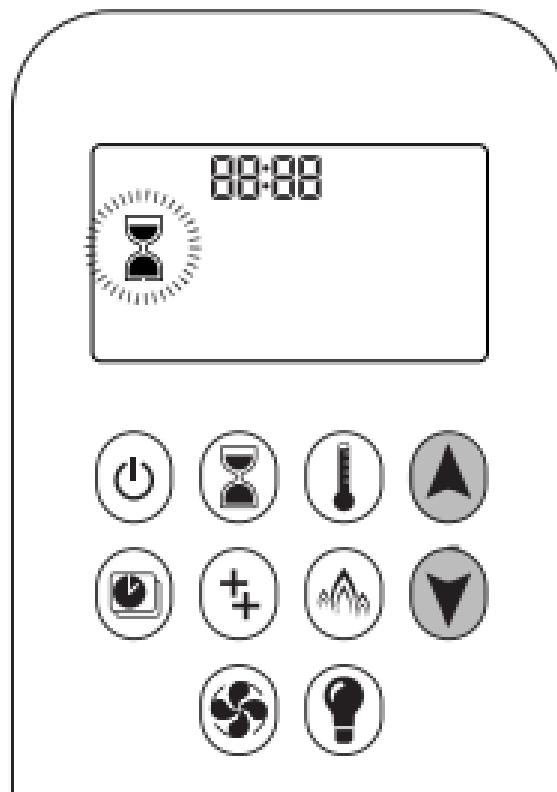
1. Press and hold  or  simultaneously.
2.  disappears. Child Proof is now inactive, and the Remote has full function.

COUNTDOWN TIMER

You can set your fireplace to automatically turn off at the end of a timer.

To set a Countdown Timer:

1. Press and  hold  until is displayed. Hour flashes.
2. Press  or  select Hour.
3. To confirm, press. Minutes flash.
4. Press  or  select Minutes.
5. To confirm, press  or wait.









To turn off a Countdown Timer:

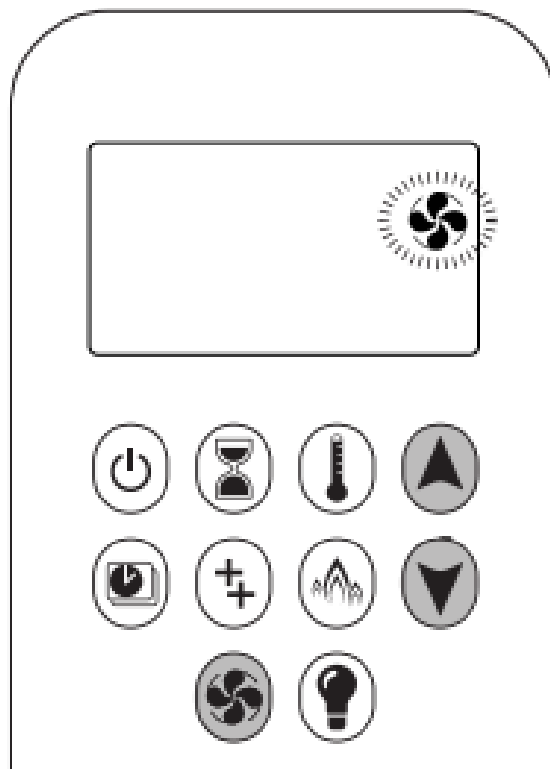
1. Press  and the  countdown disappears.

NOTE: The Countdown Timer only works in Manual and Thermostatic modes. The maximum countdown time is 9 hours and 50 minutes.

COMFORT BLOWER OPERATION

Setting:

1. Press  and  hold until flashes.
2. Press  to increase or  to decrease Comfort Blower speed.
3. To confirm the setting, either press  or wait  is displayed.



OFF: Press ▼ until all 4-speed level bars disappear.

NOTE: When setting, if the Comfort Blower was not switched off after last use, it starts automatically 4 minutes after ignition at maximum speed, and goes to the last set level after 10 seconds. The Comfort Blower stops 10 minutes after the main burner is extinguished.

MODES OF OPERATION

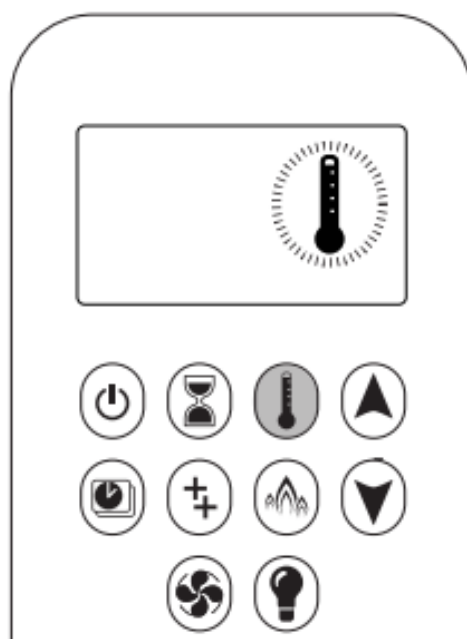
Manual Mode

The ON/OFF status of the fireplace, as well as flame height, are manually controlled by the user.





Thermostatic Mode

The room temperature is measured and compared to the set temperature.








The flame height is automatically adjusted to achieve the set temperature.





ON:

Press  or  is displayed. Preset temperature displays briefly, followed by the room temperature.

Setting Desired Temperature:

1. Press and  hold  until is displayed and set temperature flashes.
2. To adjust set temperature, press  or .
3. To confirm, press, or  wait.

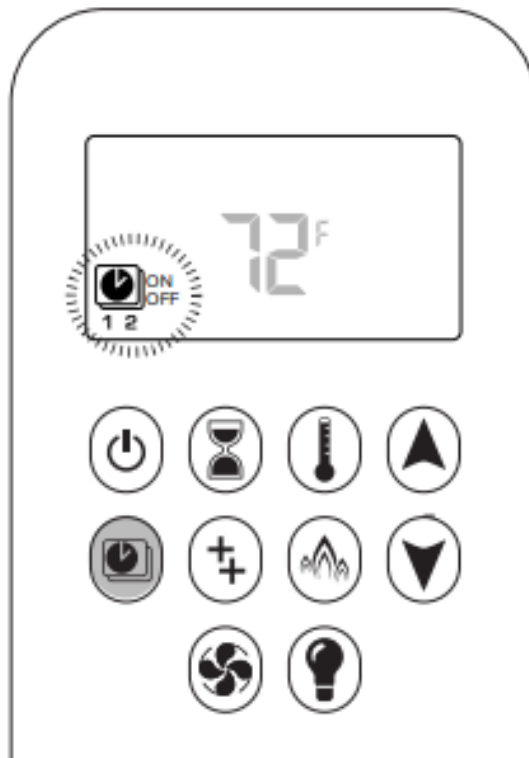
OFF:

1. Press .
2. Press  or  to go to Manual Mode.
3. Press  to go to Program Mode.



Program Mode


The temperature is controlled by Programs 1 and 2, each of which can be set to go on and off at specific times, at a set temperature.

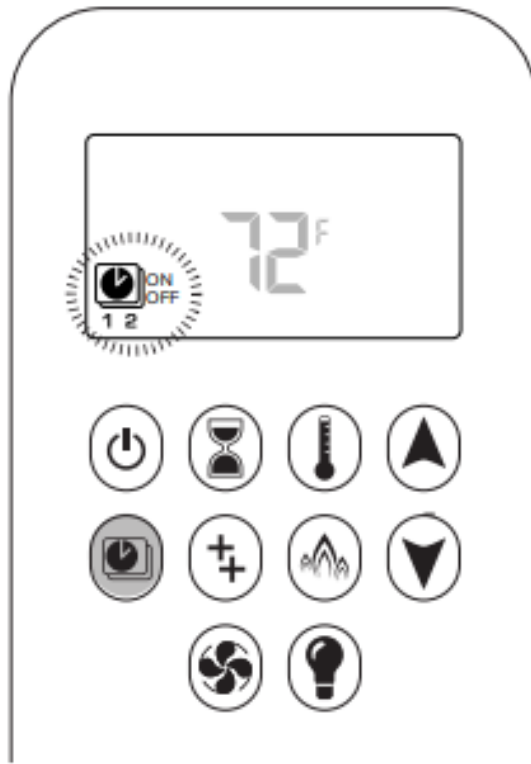


PROGRAM MODE





ON:

Press .

,  1 or 2, ON or OFF are displayed.



OFF:

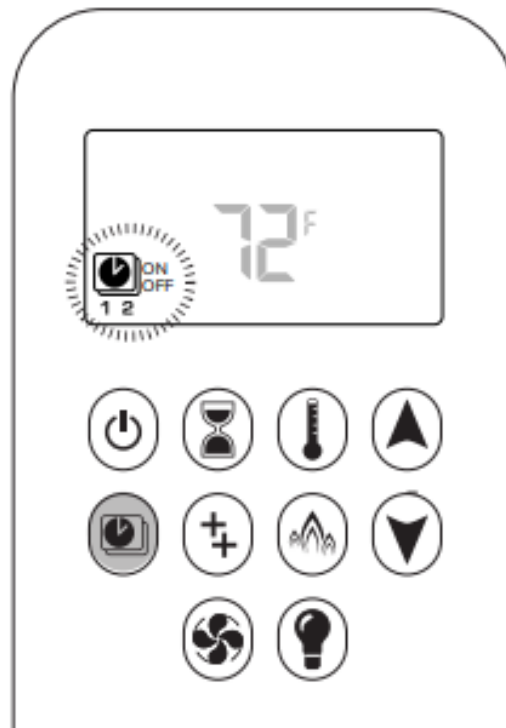
1. Press,  or  or  to go to Manual Mode.
2. Press  to go to Thermostatic Mode.








NOTE: The set temperature for Thermostatic Mode is the temperature for the ON time in Program Mode. Changing the Thermostatic Mode set temperature also changes the ON time temperature in Program Mode.

Default Settings:

- ON-TIME (Thermostatic) TEMPERATURE: 70°F / 21°C
- OFF TIME TEMPERATURE: “ ” (pilot flame only)



Temperature Setting:

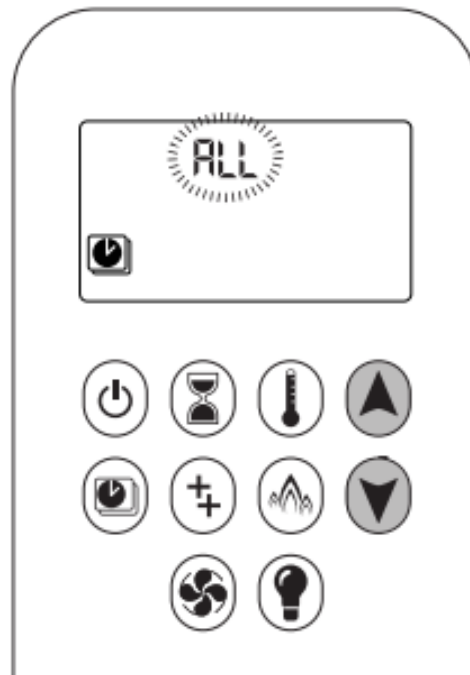


1. Press and  hold  until flashes. ON and set temperature (set in Thermostatic Mode) is displayed.
2. To continue, press  or wait  displayed temperature flashes.
3. Select off temperature by pressing  or .
4. To confirm, press .


NOTE: The on (Thermostatic) and off-set temperatures are the same for each day.

Day Setting:

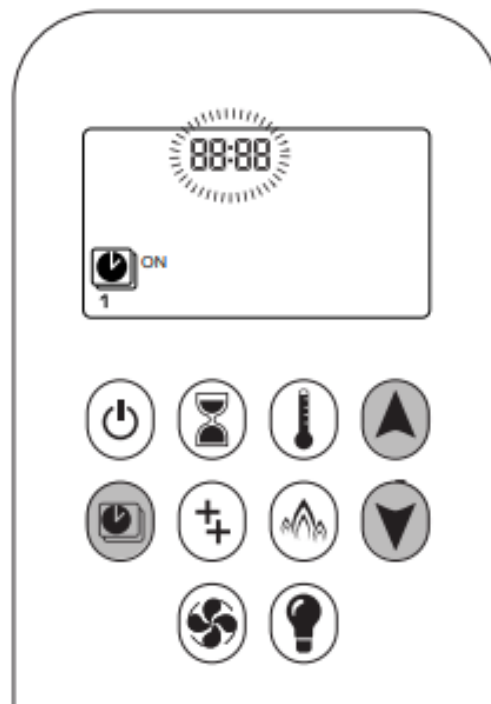
1. ALL flashes. Press  or  to choose between:
 - **ALL** = same settings ON-OFF every day











- **SA: SU** = same settings ON-OFF Saturday and Sunday
- **1, 2, 3, 4, 5, 6, 7** = daily timer—unique ON-OFF settings for a single day of the week, for multiple days of the week or for every day of the week.

2. To confirm, press 

ALL Selected On-Time Setting (PROGRAM 1)

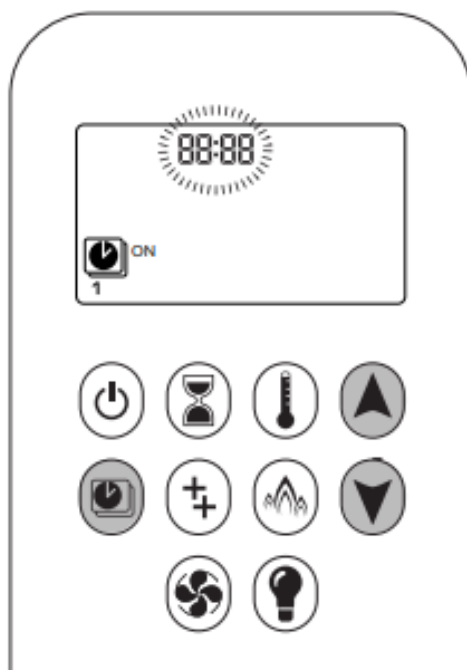











1.  , 1, ON are displayed. ALL is displayed briefly. Hour flashes.
2. To select an hour, press  or 

3. To confirm, press  ,  , 1, ON are displayed. ALL displayed briefly. Minutes flash.
4. To select minutes, press  or  .
5. To confirm, press  .

SÓLAS ONE-TOUCH REMOTE OPERATION

PROGRAM MODE (Continued) Off Time Setting (PROGRAM 1)



1.  , 1, OFF are displayed. ALL is displayed briefly. Hour flashes.
2. To select an hour, press  or  .
3. To confirm, press .  , 1  , OFF are displayed. ALL displayed briefly. Minutes flash.
4. To select minutes, press  or  .
5. To confirm, press  or  .

NOTE: Either continue to PROGRAM 2 and set ON and OFF times or stop programming at this point, and PROGRAM 2 remains deactivated.

NOTE: PROGRAM 1 and 2 use the same ON (Thermostatic) and OFF temperatures. Once a new ON (Thermostatic) and/or OFF temperature has been set, that temperature becomes the new default setting.

NOTE: ON and OFF times programmed for PROGRAM 1 and PROGRAM 2 become the new default times. The batteries must be removed to clear the PROGRAM 1 and PROGRAM 2 ON and OFF times and temperatures.

SA: SU or Daily Timer (1-7) Selected

- Set ON time and OFF time using the same procedure as “ALL Selected” above.
- Waiting to finish setting.

LOW BATTERY INDICATION

CAUTION

Do not use a screwdriver or other metallic object to remove the batteries from the Control Module battery holder or

the Remote. This could cause a short circuit.

NOTE: The batteries in your SÓLAS One-Touch remote control and control module are to be replaced annually. Only use brand-name alkaline batteries such as Duracell or Energizer. Remote The battery icon will show when the battery needs to be replaced. Replace with two 1.5 V AAA alkaline batteries.

Control Module

Frequent beeps for 3 seconds when the motor turns indicate the batteries in the battery holder of the Control Module need to be replaced. Replace with four 1.5 V AA alkaline batteries.

AUTOMATIC SHUT-OFF

Countdown Timer

At the end of a countdown time period, the fire turns off. The Countdown Timer only works in Manual and Thermostatic. The maximum countdown time is 9 hours and 50 minutes.

Seven Day Shut Off

If there is no activity for 7 days, the SÓLAS fireplace will automatically shut down the pilot as required by certain jurisdictions.

AUTOMATIC TURN DOWN

3 Hour No Communication Function





If your fireplace and remote are inactive for three hours—for example, if the remote is left in another room—your fireplace automatically turns down to pilot.

Benefit

SÓLAS products are designed with a focus on safety and environmental responsibility. This will help save fuel and is an environmental benefit. Program the temperature and timer modes to maximize your heating efficiency.

ERROR CODE	MESSAGE	DURATION OF DISPLAY	SYMPTOM	
F04	F04	4 seconds	<ul style="list-style-type: none">• No pilot flame within 30 seconds• Note: After 3 failed ignition sequences, F06 shown	<ul style="list-style-type: none">• No gas supply• Air in the pilot supply line• No spark• Reversed polarity in thermocouple wiring
F06	F06	4 seconds	<ul style="list-style-type: none">• 3 failed ignition sequences in 5 minutes• Fire is not responding, no pilot flame	<ul style="list-style-type: none">• No gas supply• Air in the pilot supply line• No spark• Reversed polarity in thermocouple• Incorrect pilot orifice if the valve has been converted from LPG to NC or vice versa
F07	Low Battery Symbol	4 seconds	<ul style="list-style-type: none">• Battery icon flashes on Remote display	<ul style="list-style-type: none">• Low battery in Remote
F09	F09	Permanent	<ul style="list-style-type: none">• Fire is not responding• No electronic control of fire	<ul style="list-style-type: none">• Down arrow button was not pressed• Control Module and Remote are not communicating
F46	F46	4 seconds	<ul style="list-style-type: none">• Fire is not responding• Intermittent response• No electronic control of fire	<ul style="list-style-type: none">• No or bad connection between communication range (Control Module not communicating with Control Module)

SÓLAS ONE-TOUCH REMOTE TIPS

- Double-click  or  to go directly to LO (lowest) flame setting.
- Double-click  or  to go directly to HI (highest) flame setting.
- The batteries in your SÓLAS one-touch remote control and control module are to be replaced annually. Only use brand-name alkaline batteries such as Duracell or Energizer.
- When using the Remote, it should be within 15 feet (4.5 meters) of the fireplace.”
- Don't leave the Remote on the mantel or hearth or any hot surfaces. Use the Remote wall holder provided.
- To keep out of children's reach, use the Remote wall holder provided.
- Be patient when programming: it takes time to set up.
- Once you turn a pilot off, it takes a few minutes before you can turn it back on.


Your SÓLAS Dealer is here to help, if you have any trouble with your SÓLAS Fireplace or SÓLAS One-Touch Remote. Please contact your Dealer for support.



We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists. www.NFICertified.org



Documents / Resources

	<p>SOLAS S-507 One-Touch Remote [pdf] Instruction Manual</p> <p>S-507, One-Touch Remote, S-507 One-Touch Remote, One-Touch Remote Main Display</p>
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References

- [S Contemporary Gas Fireplaces | SÓLAS Fires](#)
- [National Fireplace Institute \(NFI\) – The national certification division of the Hearth, Patio & Barbecue Education Foundation \(HPBEF\)](#)