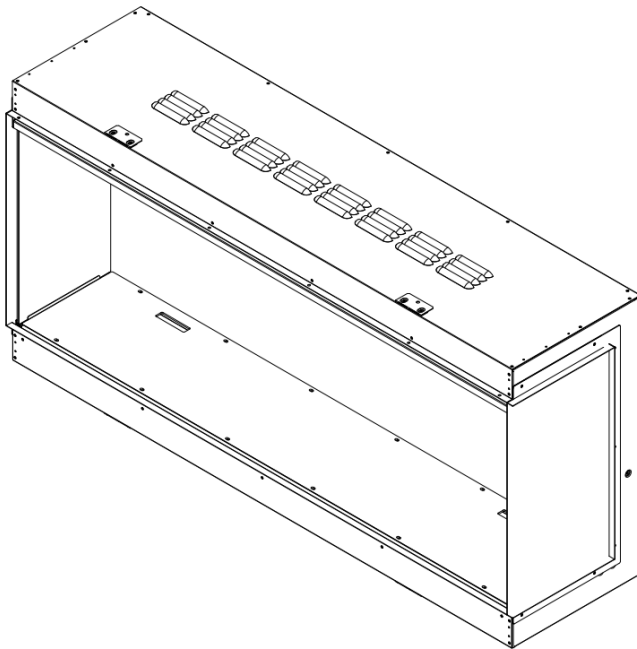


Homeowner's Installation Instructions & Operating Manual

Model: LF2510048-1



**Please read the instructions carefully before installation or
use of this electric fire and retained for future reference.**

TABLE OF CONTENTS

SECTION 1 WARNINGS & ELECTRIC SPECIFICATIONS.....3

SECTION 2 INSTALLATIONS 5

SECTION 3 OPERATING INSTRUCTIONS 13

SECTION 3a. VOLTAGE-SELECTED SWITCH 14

SECTION 3b. MANUAL CONTROL PANEL 14

SECTION 3c. REMOTE CONTROLS 15

SECTION 4 MAINTENANCE 17

SECTION 5 CARE AND MAINTENANCE 18

SECTION 6 ELECTRICAL WIRING DIAGRAM 20



**CAUTION: BEFORE OPERATING THIS EQUIPMENT
PLEASE READ THESE INSTRUCTIONS CAREFULLY.**

SECTION 1 WARNINGS & ELECTRIC SPECIFICATIONS

1.1 Important Safety Instructions



This symbol alerts you to potential hazards that can kill or hurt you and/or others.

DO NOT:

- *install or operate damaged heater*
- *modify heater*
- *operate the heater without fully assembling all components*



WARNING! Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this heater. For assistance or additional information consult a qualified installer, service agency or your dealer.



WARNING! When using electrical heaters, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire,

electric shock, and injury to persons, including the following:

1. Read all instructions before installing or using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, etc. and curtains at least 0.9 m from the front of the heater and keep them away from the sides and rear.
3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.

- 4. Do not operate any heater after it malfunctions. Disconnect power at service panel and have heater inspected by a reputable electrician before reusing.
- 5. Do not use outdoors.
- 6. To disconnect heater, turn controls to off, and turn off power to heater circuit at main disconnect panel (or operate internal disconnect switch if provided).
- 7. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- 8. To prevent a possible fire, do not block air intakes or exhaust in any manner.
- 9. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- 10. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- 11. This heater may include an audible or visual alarm to warn that parts of the heater are getting excessively hot. If the alarm sounds (or illuminates), immediately turn the heater off and inspect for any objects on or adjacent to the heater that may have blocked the airflow or otherwise caused high temperatures to have occurred. **DO NOT OPERATE THE HEATER WITH THE ALARM SOUNDING (OR ILLUMINATING).**
- 12. **"SAVE THESE INSTRUCTIONS"**



WARNING! This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- The heater must not be located in front of a socket-outlet.

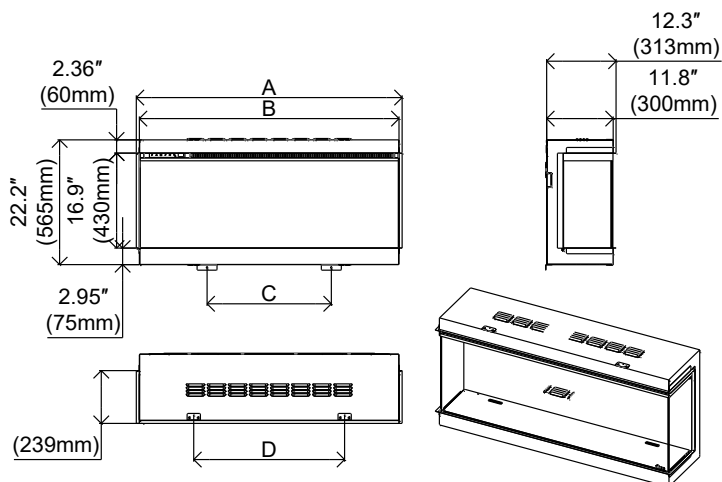
1.2 Specifications

Voltage	120V, 60Hz/240V, 60Hz
Watts	1400W/2800W
Remote Control Frequency.....	ASK/OOK 38KHZ±2%
KHZ	
Remote Control Maximum Transmit Power.....	75mw

SECTION 2 INSTALLATIONS

2.1 Dimensions

Units: mm



MODEL	A		B		C		D	
	mm	inch	mm	inch	mm	inch	mm	inch
LF2510048-1	1198	47.2"	1170	46"	560	22"	680	26.8"
LF2510063-1	1598	62.9"	1570	61.8"	960	37.8"	1080	42.5"

2.2 Tools required

Magnetic Phillips Screw Driver



Rotary Hammer



2.3 Unpacking the Fireplace



WARNING! Do NOT use this appliance if any part has been under water. Immediately call a qualified service technician to inspect and to replace any part of the electrical system if necessary.

Keep plastic wrapping away from children.

- Open the packaging carefully and remove the foam.

- Remove and discard the plastic bag.
- Be responsible when handling the packing materials.
- Keep the original packaging for future transport and/or storage.
- Check all accessories are got before you keep the packing.
-

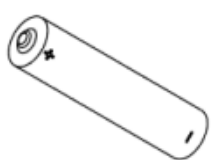
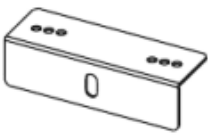
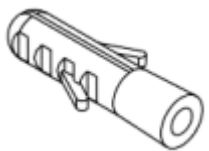
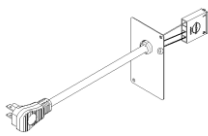
Tools Required:

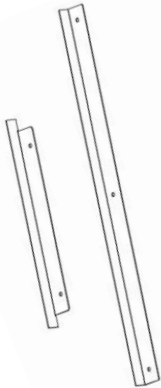
A screwdriver a spirit level and drill will be needed.

Locating the Appliance

For best results, install out of direct sunlight.

2.4 Parts and hardware

A 	B 	C 
Instruction Manual (1 pc)	Remote control (1 pcs)	L Bracket (2 pcs)
D 	E 	F 
L Bracket (2 pcs)	ST 4*40 Rat-tail Screw (4 pcs)	Wall Plug (LF2510048-1 14pcs LF2510063-1 18PCS)
G 	H 	I 
ST 5*40 Screw (LF2510048-1 14pcs LF2510063-1 18PCS)	Internal power cord (1pc)	(LF2510048-1 1.6Kg LF2510063-1 2.1Kg)
J	k	

		
Garnish strip assembly (1pc)	Log sets	

2.5 Assembly

PREPARATION BEFORE INSTALLATION

The appliance can be installed in 3 different arrangements, the intended arrangement should be considered before starting the installation. They are as follows:

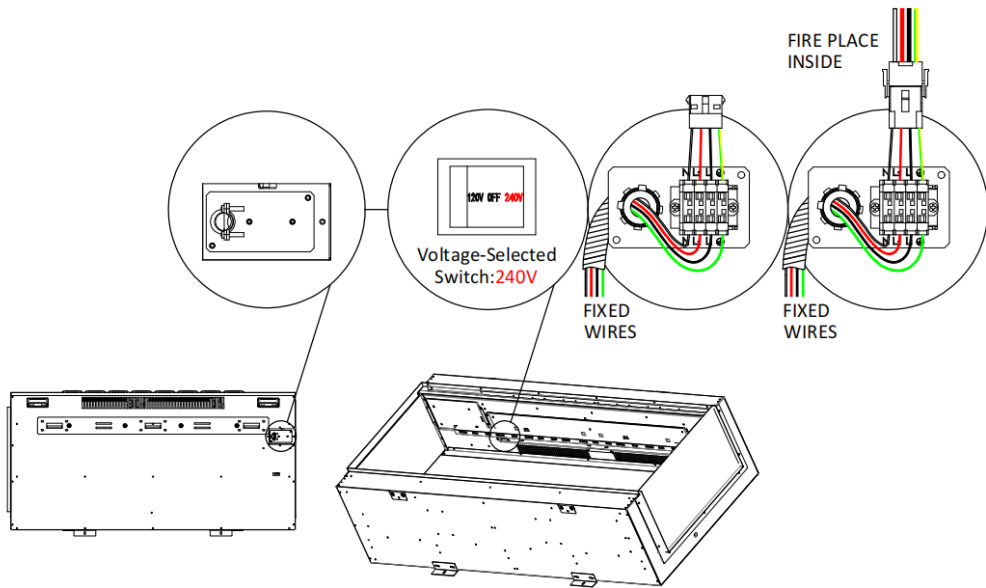
- Single front aspect (This is where the appliance is installed so that only the front window is visible)
- Dual aspect (this is where the appliance is installed so that the front and one of the side windows are visible)
- Triple aspect (this is where the appliance is installed so that the front and both side windows are visible)

2.5.1 There are two electric connections.

One is with the inset, fixed interconnection, 240V/60Hz, 2800W.

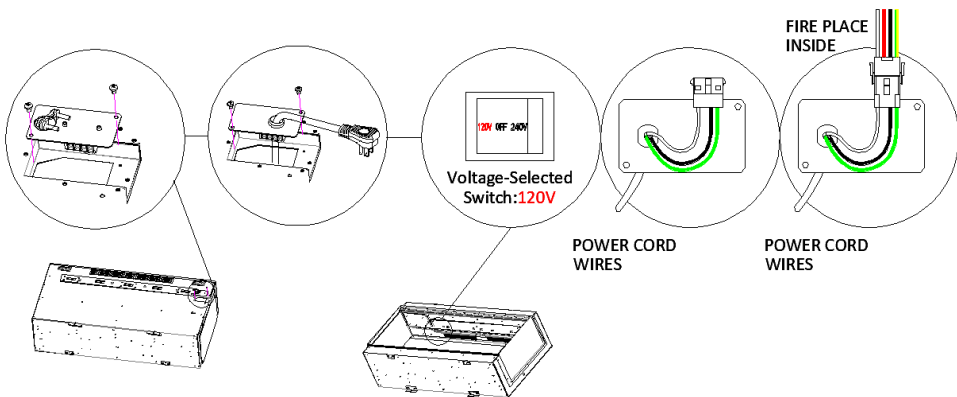
To the rear of the appliance is via a fixed plate with a metal hose clamp. This can support four wires in (N、L2、L1、E).

Attention! It is very important to take the Switch to **240V** position.



Other is in the accessory package, power cord, 120V/60Hz, 1400W. Need to replace the fixed plate.

Attention! It is very important to take the Switch to **120V** position.



2.5.2 Installation

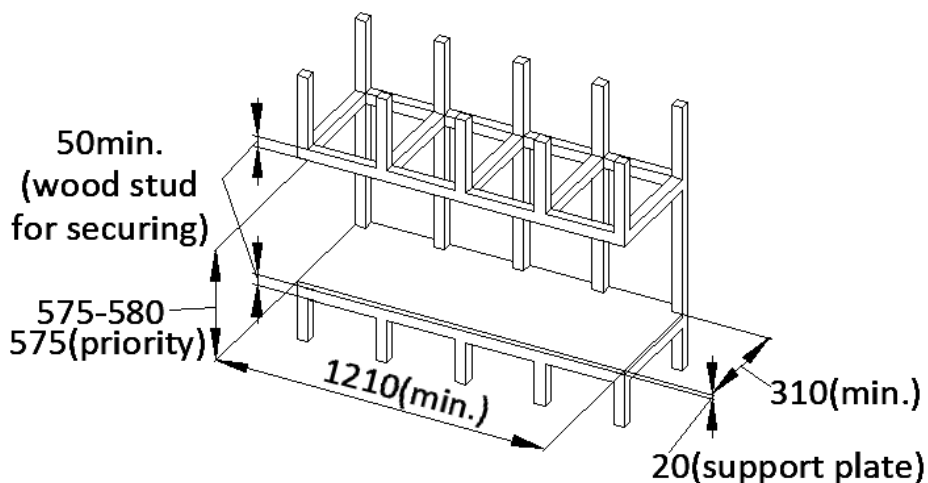
In any way for installation, ensure air can freely enter the top and bottom and electric connections are safely made in accordance to the codes. A multitude of materials may be used from the framework and cladding.

All service work can be carried out via the front of the appliance, so no special access is required.

Suitable for Built-in installation.

2.5.2a1 Prepare the framework as picture:

Unit: mm

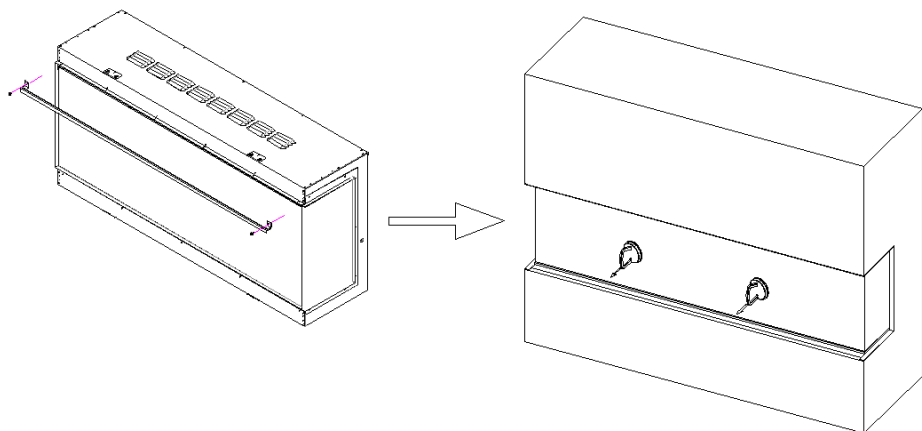


NOTE: Consideration must be given to ensure that air can enter the vents on the underside of the appliance and the top of the appliance.

2.5.2a2 Position the appliance into the framework and secure it using fold out the brackets on the top and lower edge of this appliance by ST 4*40 Rat-tail Screw.

2.5.2a3 Cover the framework by panels or plaster board, it can be used directly against the sides and front of the appliance.

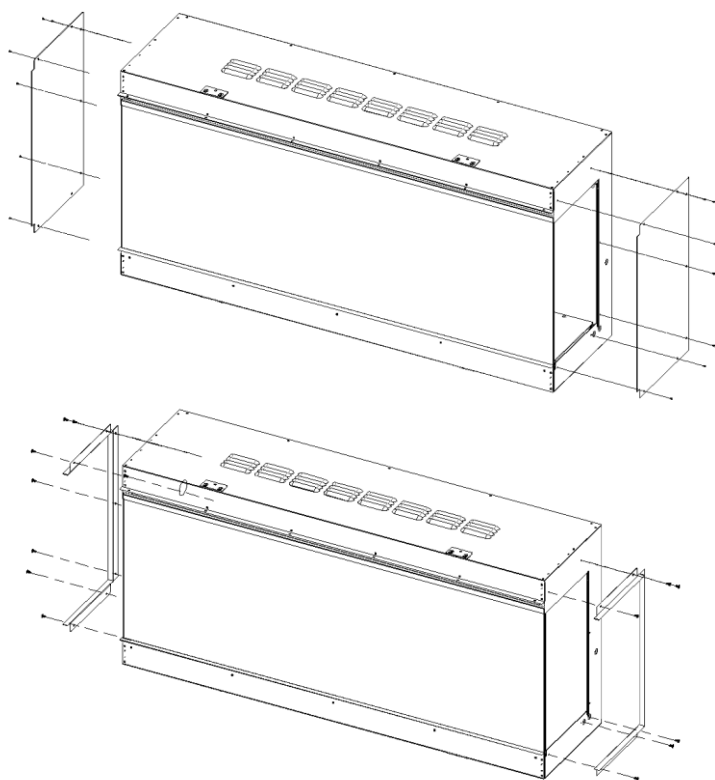
2.5.2a3 Remove the Front Glass:



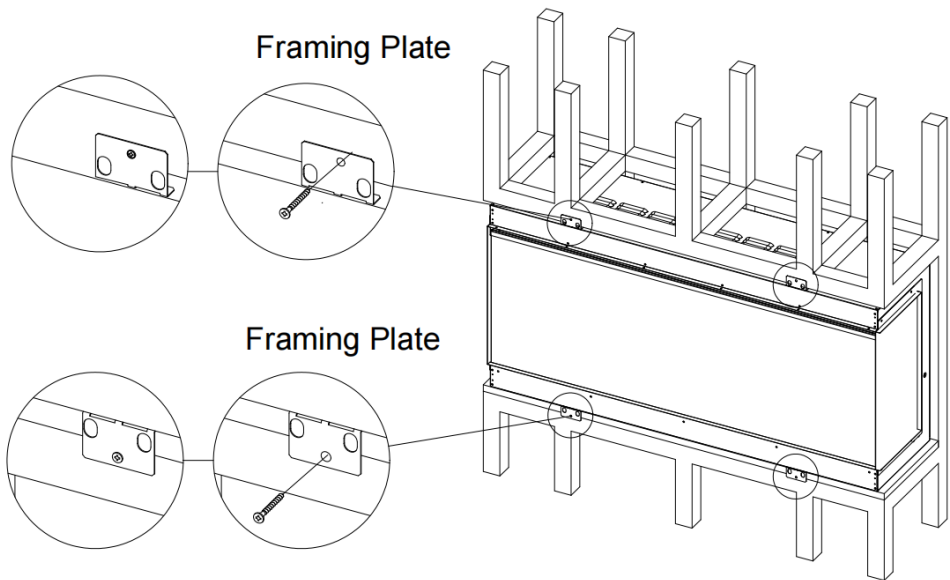
2.5.2b (Three-side view as an example)

2.5.2b2 Take out the spare parts as bellow.

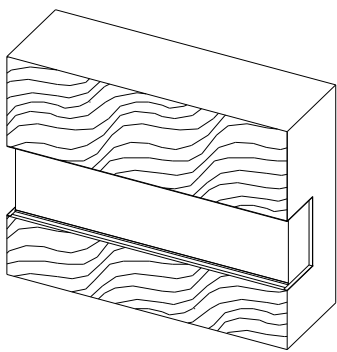
2.5.2b3 Take off the Metal Side Panel. Use the removed screw to lock the Side Glass Edge Trim & Shelf Support L Bracket.



- 2.5.3a4.** Assemble the power wire or power cord, the same as 2.5.1.
- 2.5.3a5.** Fix the firebox to the wooden frame. Need at least 15mm clearance on top firebox.



- 2.5.3a6.** Additional decorated panel.



SECTION 3 OPERATING INSTRUCTIONS

WARNING! Do not operate the appliance if it is damaged or has malfunctioned.

If you suspect the appliance is damaged or has malfunctioned call a qualified service engineer to inspect the appliance, and replace any part of the electrical system if necessary, before reuse.

WARNING! To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 meter from the air outlet.

MAKE SURE the plug fits tight in the outlet. Faulty wall outlet connections or loose plugs can cause the outlet to overheat.

Do not disconnect the power at the mains supply whilst the appliance is running. Use the functions on the remote to turn the fire off and ensure the mains switch has been moved to the off position before disconnecting.

PREPARATION BEFORE USE

- 3.1 The appliance can be operated by both remote control and the manual controls on the appliance.

NOTE: To use both remote and manual functions the manual on/off switch must be in 'ON' position. In order to prevent the product becoming too hot, there is 10s delay when turning on the heater and a 10s delay when turning off the heater fan.

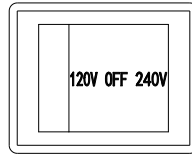
Batteries

Ensure that the handset batteries are new and inserted correctly.

Main Power Switch

- 3.2 The mains power switch is located on the control panel located on the upper side of the heater box.
- 3.3 Switch ON (—) before operating either the remote or manual controls.
- 3.4 A long beep is heard to indicate the fire is ready for use.

SECTION 3a. VOLTAGE-SELECTED SWITCH



3.1a.When chose 120V, 1400W:

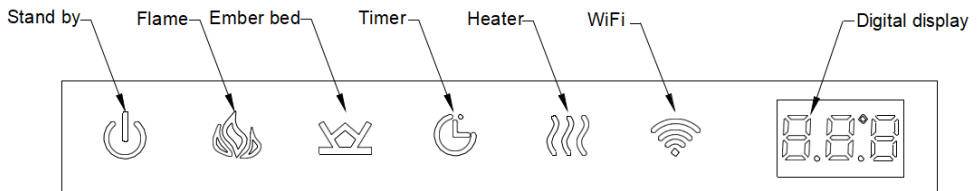
Use power cord, press the switch to 120V position

3.1b.When chose 240V, 2800W, press the switch to 240V position

3.1c.Select the switch position **before** use, it is not allowed to operation the switch while the function is in use.

3.1d.Press the Switch to OFF position can take the heat function OFF

SECTION 3b. MANUAL CONTROL PANEL



Note: The manual buttons controls basic function, not a full range of controls. Use the remotecontrol or app to carry out all functions.

Stand by: Press to turn on or off the fireplace. Long press for 5 seconds to restore the initial state.

Flame: Press to cycle through 6 flame effects and off setting (L.01-L.06 and OFF).

Long press for 3 seconds after power is on to enter or cancel the mute mode of the button sound. A short beep sound will be heard every time you press a button if the mute mode is canceled.

Ember bed: Press to cycle through 11 ember bed effects and off setting(E.01-E.11 and OFF).

Timer: When the timer function is off, press to set the timer from 0.5H, 1H, 1.5H, 2H, 2.5H, 3H, 3.5H, 4H, 4.5H, 5H, 5.5H, 6H, 6.5H, 7H, 7.5H, 8H,

OFF. When the timer function is on, press once to check the remaining time, press again to set the next level of timer. The fireplace will be in standby state after the timing ends.

Heater: Press to cycle through heat H1/H2/Auto/H.oF. The heater will work in H1/H2 mode, and in Auto mode the heater only works when setting temperature is higher than room temperature, the digital display will show the setting temperature.

Long press for 5 second to switch between °C and °F.

Note: In order to prevent the product becoming too hot, there is 5 seconds delay when turning on the heater and 30 seconds delay when turning off the fan.

WiFi: Press to enter or cancel WiFi mode. When the WiFi indicator turns orange, the WiFi mode is on, if the WiFi indicator is off, the WiFi mode is off, and if the WiFi indicator blinks, the WiFi function is connecting and all functions will be invalid.

Long press for 3 seconds after power is on until 3 long beeps are heard, the WiFi indicator and ember bed(red) will blink rapidly, at this time you can use TUYA SMART APP (Wi-Fi mode) to connect to the fireplace within 2 minutes. Or

Long press for 3 seconds after power is on until 3 long beeps are heard, keep pressing for 5 seconds until another 5 long beeps are heard, the WiFi indicator and ember bed(red) will blink slowly, at this time you can use TUYA SMART APP (Bluetooth) to connect to the fireplace within 2 minutes.

If successfully connected, the ember bed will turn to green, otherwise, the ember bed will turn to blue. Just repeat the above process for connection.

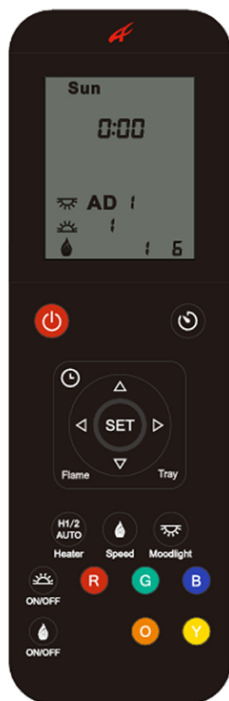
SECTION 3c. REMOTE CONTROLS

For the remote to function make sure the fireplace is plugged in and the remote has batteries.

Important: When operating the remote make sure you point the remote to the center of the fireplace. Each time you press the button, there will be a beep tone emitted.

Setting the current time of the remote control

You must press  key to open the remote control and press  key to enter the setting current time state. When one of the "Sun" "Mon" "Tue" "Wed" "Thu" "Fri" "Sat" date is flashing, you can press  or  keys to select the current day of the week, press  key to confirm and enter hour setting. When the digital tube of time hour flashes, press  or  keys to set the current time and press  key to confirm and enter minute setting. When the digital tube of time minute flashes, press  or  keys to set the current time and press  key to confirm.



This Power Button turns the fireplace on and off. It has a memory function, press the power button once to turn power on. Press it again will turn the power off.



This Timer Button has adjustable setting at range from 30 minutes to 8 hours. As shown the following: 0:30 - 1:00 - 1:30 - 2:00 - 2:30 - 3:00 - 3:30 - 4:00 - 4:30 - 5:00 - 5:30 - 6:00 - 6:30 - 7:00 - 7:30 - 8:00. Once you have set the timer, the  icon will be displayed on the LCD screen of the remote control. Press this button again, cancel the timing setting, and the  icon disappears. When the timer is up, it will close all the functions and enter standby mode. In this mode, you should press the power icon to restart the appliance.



Each time the Heater Button is pressed, the power of the heater will change. As shown the following: H1 - H2 - AUTO(22°C) - OFF(no display).

H1 means the fireplace on Low Heat.

H2 means the fireplace on High Heat.

AUTO means the fireplace can automatically adjust to the temperature you set. When in AUTO, you can set the desired temperature with  or  keys. You can switch temperature unit between Celsius and Fahrenheit with  or  keys.



Each time Speed Button is pressed, the speed of the flame will change. Three options are available: Medium - High - Low.



The Moodlight Button turns the moodlight on and off. When in on position, the display screen of the remote control shows AD 1, when the number “1” flash, you can set the color of moodlight with ▲ or ▼ keys. There are 10 different moodlight colors (AD1-AD10) and dynamic condition (AD11) to choose from.



The Ember Bed Button turns the ember bed light on and off. When in on position, the LCD screen of the remote control default shows 1 for R. You can press R or G or B keys to change the corresponding color. When set ember bed as 1 1 1, it will enter the color loop setting.



Each time the Red Button is pressed, the brightness of the red color decreases. There are 8 brightness levels (8-1), and OFF (no display) settings that can be cycled through. When no number is displayed on the remote control LCD screen then the ember bed color is off.



Each time the Green Button is pressed, the brightness of the green color decreases. There are 8 brightness levels (8-1), and OFF (no display) settings that can be cycled through. When no number is displayed on the remote control LCD screen then the ember bed color is off.



Each time the Blue Button is pressed, the brightness of the blue color decreases. There are 8 brightness levels (8-1), and OFF (no display) settings that can be cycled through. When no number is displayed on the remote control LCD screen then the ember bed color is off.



Press to cycle through 14 preset ember bed effects.



The Flame Button turns the Flame on and off. When in on position, the LCD screen of the remote control default shows 1 for O and 6 for Y. You can press B or O or Y keys change the corresponding color.



Each time the Orange Button is pressed, the brightness of the orange color decreases. There are 6 brightness levels (6-1), and OFF (no display) settings that

can be cycled through. When no number is displayed on the remote control LCD screen then the flame color is off.

- Each time the Yellow Button is pressed, the brightness of the yellow color decreases. There are 6 brightness levels (6-1), and OFF (no display) settings that can be cycled through. When no number is displayed on the remote control LCD screen then the flame color is off.

Flame Press to cycle through 18 preset flame effects.

 7 days timer function

Note: Ensure that the current time setting is accurate, otherwise the effective time of the 7 days timer function will be different from what you set.

Press  key once, 7 days from Sunday to Saturday will display on the LCD screen of the remote control, press  key within 5 seconds to enter 7 days timer function. When "Sun" is flashing use  or   keys to select the day that you want to set, pressing  key to confirm. Then "ON" will be displayed on the LCD screen of the remote control, at  the same time, the hour on the digital clock flashes, press  or  keys to set the hour and then the minute you want the fireplace to run on. After setting the start up time, "OFF" will be displayed on the LCD screen. Use  or  keys to set the shutdown time the same as setting the start up time. After setting the shutdown time, "AUTO" will be displayed on the LCD screen of the remote control. The digital temperature flashes, at this time you can set the desired temperature with  or  keys. The fireplace will beep to acknowledge the settings. Now, the 7 days timer function has been set, the fireplace will save the setting and run automatically.

When the 7 days timer function is set, the icon  will be displayed on the LCD screen of the remote control.  Press  key again to cancel the 7 days timer function, the  will disappear.

Note: If the 7 days timing and general timing exist at the same time, the shutdown time shall be the earlier time. For example, it is now 6 am on Tuesday, turning on the heaters general timer for 4 hours, will have the shutdown time of 10 am. The previous 7 days shutdown time is 8 am on Tuesday, so today's heater shutdown time is 8 am instead of 10 am.

SECTION 4 MAINTENANCE

WARNING: Before any maintenance or cleaning of the exterior of the fireplace, the unit should be disconnected from the power supply until it is cool off.

Remote Handset Battery Replacement

- 4.1 Battery replacement is recommended after 1 year. The batteries are 1.5V alkaline AAA, batteries.
- 4.2 Dispose of old batteries at an appropriate recycling facility.

Cleaning the Fireplace

Cleaning or polishing products are not recommended. Fingerprints or other marks on the front glass panel can be removed by a piece of soft, damp, lint- free cloth with a good quality household glass cleaner. The front glass panel should always be completely dried with a clean, lint-free cloth or paper towel.

CAUTION: Abrasive cleaners should not be used on the glass panel. Liquids should not be sprayed directly onto any surface of the unit.

SECTION 5 CARE AND MAINTENANCE



ALWAYS turn the heater **OFF** and **unplug the power cord from the outlet** before cleaning, performing maintenance, or moving this fireplace. Failure to do so could result in **electric shock, fire, or personal injury**.

Cleaning



NEVER immerse in water or **spray with water**. Doing so could result in **electric shock, fire, or personal injury**.

Metal:

- Buff using a soft cloth, slightly dampened with a citrus oil-based product.
- **DO NOT** use brass polish or household cleaners as these products will damage the metal trim.

Glass:

- Use a good quality glass cleaner and dry thoroughly with a paper towel or lint-free cloth.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Plastic:

- Wipe gently with a slightly damp cloth and a mild solution of dish soap and warm water.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Vents:

- Use a vacuum or duster to remove dust and dirt from the heater and vent areas.
- Clean the exterior of the fireplace with a slightly damp cloth or duster.

Maintenance



Risk of electric shock! DO NOT OPEN! No user-serviceable parts inside!



ALWAYS turn the heater **OFF** and **unplug the power cord from the outlet** before cleaning, performing maintenance, or moving this fireplace. Failure to do so could result in **electric shock, fire, or personal injury**.

Electrical and Moving Parts:

- The fan motors are lubricated at the factory and will not require lubrication.
- Electrical components are integrated in the fireplace and are not serviceable by the consumer.

Storage:

- Store heater in a clean dry place when not in use.

Replacement parts:

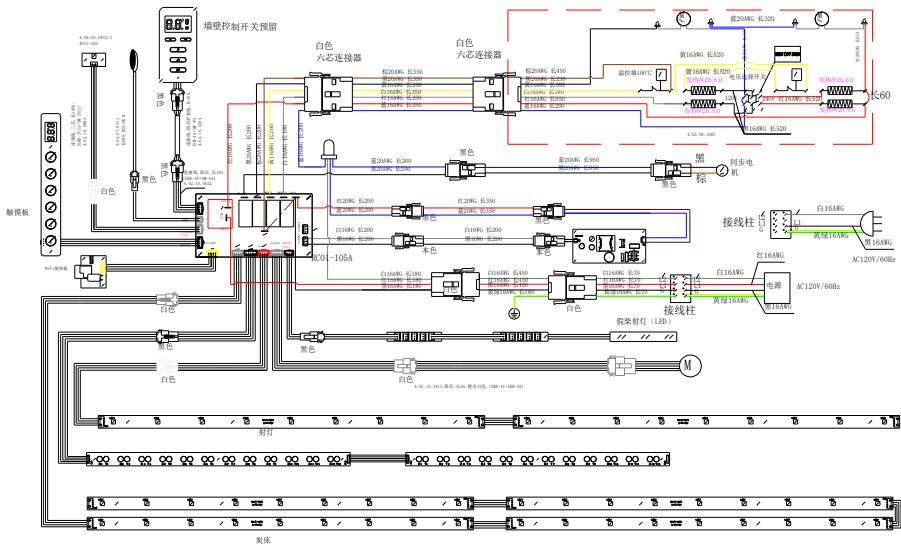
- Use only replacement parts supplied by the manufacturer. Use of any other parts, or modifying the fireplace in any way, will void all warranties.
- No internal parts are replaceable or serviceable.

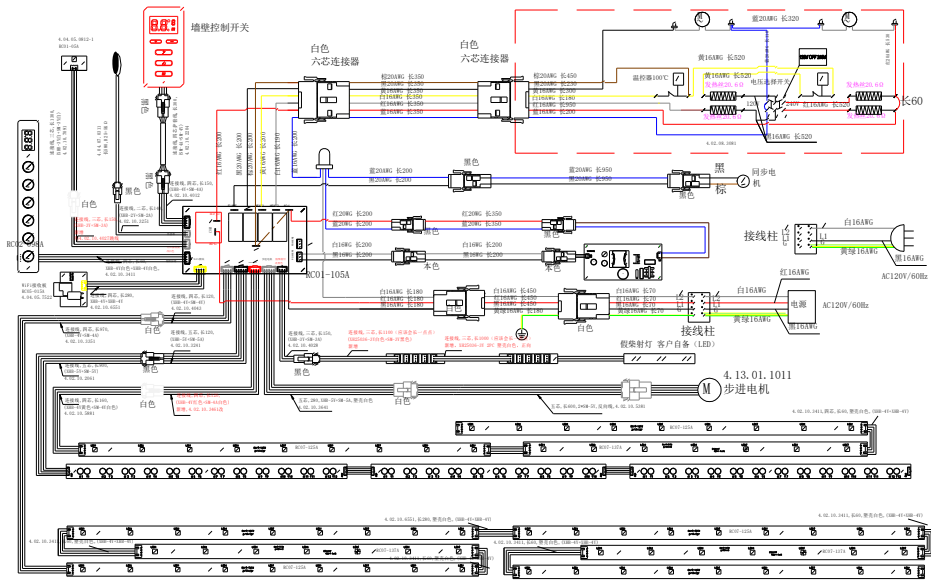
Replacement parts:

- Use only replacement parts supplied by the manufacturer. Use of any other parts, or modifying the fireplace in any way, will void all warranties.
- No internal parts are replaceable or serviceable.

SECTION 6 ELECTRICAL WIRING DIAGRAM

LF2510048-1:





FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.