

IFT-RC150

IFT-RC150 IntelliFire Touch Wireless Wall Switch

Model: 2564-100

User Manual

Introduction

The IFT-RC150 is a wall-mounted wireless wall switch that is designed to operate Hearth & Home Technologies appliances equipped with the IntelliFire Touch® Technology. It has a temperature sensor and can be used to control the ON/OFF and cold-climate function of your appliance as a stand-alone or in combination with a Mobile App. This user manual serves as a quick reference to the wall switch operation.

Operation

Pairing

- The IFT-RC150 must be paired to control the Electronic Control Module (ECM). The pairing button is located underneath the top housing cover.
- Remove IFT-RC150 top housing cover. Install 2 AA alkaline batteries.
- The pairing button will activate the pairing mode of the wireless wall switch for 15 seconds while the LED indicator blinks once every second.
- To pair the IFT-RC150 with the IFT ECM, press the pairing button on the ECM. When the ECM green LED starts blinking, press the pairing button on the IFT-RC150. If pairing is successful, the ECM will respond with a double beep and the green LED will stop blinking. Re-install the IFT-RC150 top housing cover.

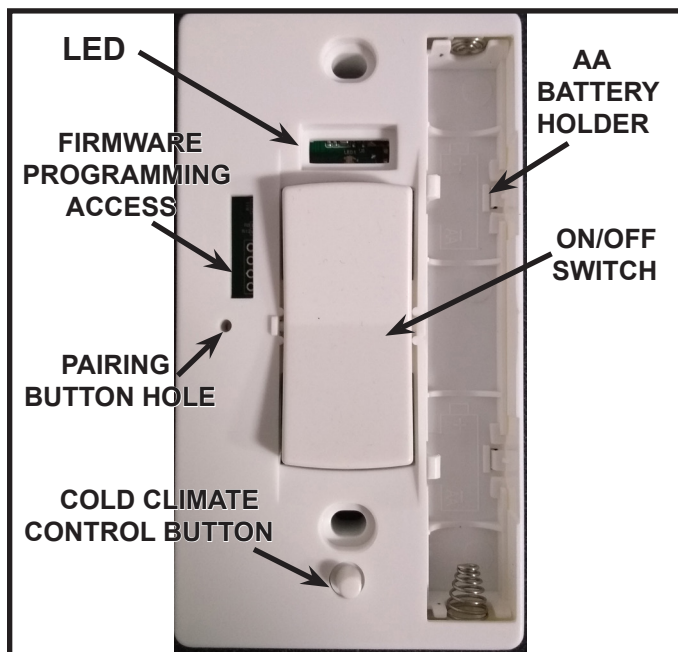


Figure 1. IFT-RC150 No Top Cover

Flame ON/OFF

- To turn the flame ON, press the top of the momentary toggle switch.
- To turn the flame OFF, press the bottom of the momentary toggle switch.

The appliance has a safety feature that automatically shuts down the appliance after 9 hours of continuous operation.

Cold Climate

This function turns on a continuous pilot and keeps the air inside the appliance warm while not in use. It is a useful feature in cold weather to minimize condensation on the appliance glass.

- To turn the cold climate mode ON/OFF, press the small momentary push button below the momentary toggle switch.

Note: This feature is disabled when a Power Vent is installed on the appliance.

Note: The continuous pilot will automatically turn OFF after 166 hours if appliance is not actively used. If Flame ON is activated before 166 hours, the automatic timer will re-start.

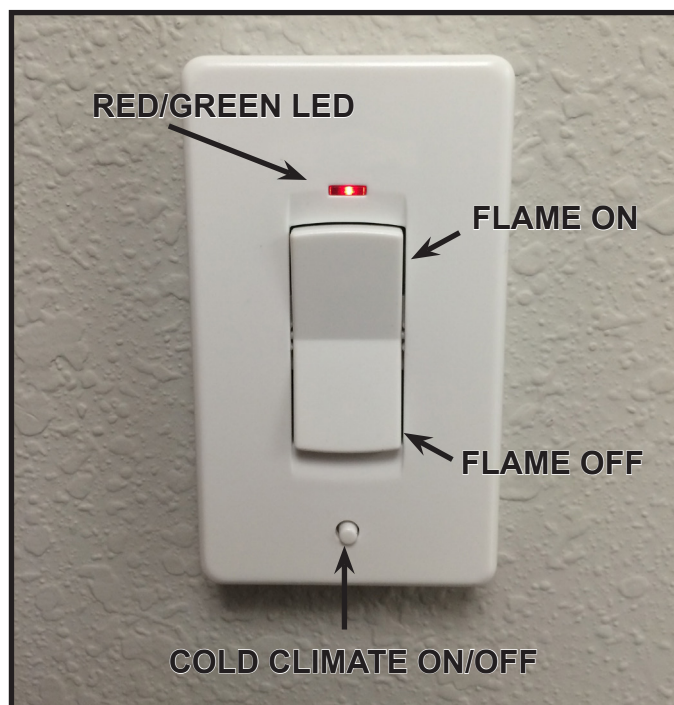


Figure 1. IFT-RC150 Functions

LED Indicator

- A single two-color LED indicator is located above the momentary toggle switch. The LED indicator identifies to the user the IFT-RC150 status.
 - GREEN: Blink during normal transmission.
 - RED: Blinks once every 5 seconds indicating Low Battery.
 - RED and GREEN: Blinks once every 5 seconds indicating of pairing.
- It blinks every time it transmits a command.

Power Requirements

The IFT-RC150 is a battery-operated wireless control switch and requires 2 AA alkaline batteries. The operating voltage is 3VDC. Other battery types such as rechargeable NiMH or disposable Lithium AA batteries may be used to operate the wireless wall switch.

Power Outage

In the event of a power outage, the wireless wall switch can continue to operate the appliance if batteries are installed in the appliance's battery backup system. Refer to the appliance owner's manual for operation during a power outage.

Note: Batteries should only be used as an appliance power source in the event of a power outage. Batteries should not be used as a primary long-term power source.

IFT Wi-Fi Module (IFT-WFM) Reset

If the IFT-ECM is equipped with the IFT-WFM, the IFT-RC150 can be used to reset the IFT-WFM to factory default settings.

To reset the IFT-WFM with the IFT-RC150, press and hold the top of the momentary toggle switch and the Cold Climate button for 2 seconds. The IFT-ECM will beep and reset the IFT-WFM.

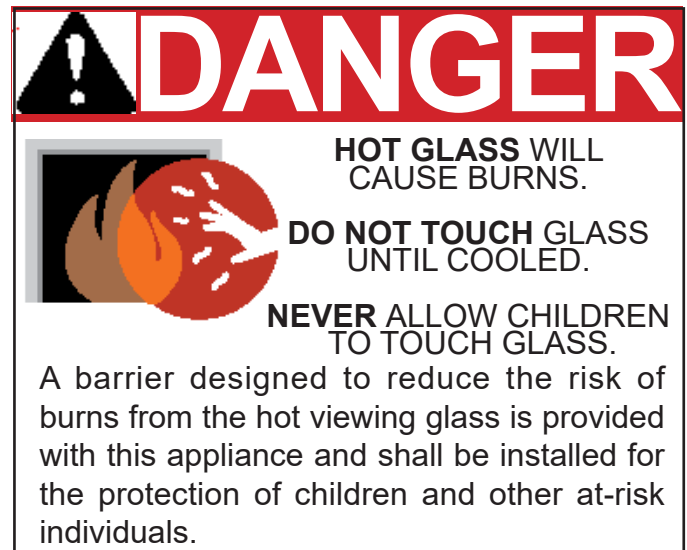
Manual Fireplace Shutoff

In the unlikely event that the wall switch malfunctions and will not turn off the fireplace, call your dealer for service assistance. In the meantime, turn off your appliance by performing the following actions:

CAUTION! Risk of burns! Appliance surfaces are hot when operating and during cool down. Use care and wear gloves when opening the front and accessing components inside the appliance.

Turn off power to the appliance (if back-up batteries are not installed):

- If the appliance comes equipped with a wired-wall switch, use that to turn it off.
- Alternately, you can also locate the house circuit breaker for appliance and turn it off.
- If the appliance is operating with back-up batteries and the batteries are accessible outside the fireplace, remove a battery to shutdown the appliance.



Frequently Asked Questions/Troubleshooting

Symptom	Possible Cause	Corrective Action
The appliance does not respond to commands from the wireless wall switch and the <u>LED does not blink</u> .	Batteries are depleted.	Verify batteries are new.
	Batteries are incorrectly installed.	Verify batteries are installed in correct orientation as shown on the battery holder.
The appliance does not respond to commands from the wireless wall switch but the <u>LED blinks alternating RED and GREEN</u>. The appliance does not respond to commands from the wireless wall switch, but the LED blinks when switch is touched.	The wireless wall switch is not paired to or lost communication with the electronic control module.	Call dealer for service.
The wall switch LED blinks even though no command is given.	Communicating with electronic control module.	This is normal operation. The wireless wall switch communicates periodically with the electronic control module to send or receive information.
The wall switch LED blinks red once every 5 seconds.	Low battery indicator.	Replace the batteries in the wireless wall switch with new batteries.
The appliance turns OFF the flame after extended periods of operation.	9 hours safety shutdown timer.	This is normal operation. The appliance will automatically turn the flame OFF after nine hours of uninterrupted operation. See Cold Climate section.

Regulatory Certification

The IFT-RC150 wireless wall switch is certified for operation in the following countries:

- United States
- Canada

United States

The IFT-RC150 complies with all applicable FCC equipment authorization, regulations, requirements, and equipment functions.

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The IFT-RC150 is labelled with a unique FCC ID number. The following label is placed on the back cover of the wireless wall switch control housing:

FCC ID: ULE2564-100

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.

Canada

The IFT-RC150 is certified for use in Canada under Industry Canada (IC) Radio Standards Specification (RSS).

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The IFT-RC150 label displays the Industry Canada certification number as follows:

IC: 6732A-2564100

Please contact your Hearth & Home Technologies dealer with any questions or concerns.

For the location of your nearest
Hearth & Home Technologies dealer,
please visit www.hearthnhome.com.