



# SKYTECH TS-R-2A Wireless Remote Wall Mount Fireplace Timer System Instruction Manual

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## SKYTECH P R O D U C T S   G R O U P

### TS-R-2A Wireless Remote Wall Mount Fireplace Timer System Instruction Manual

**IF YOU CANNOT READ OR UNDERSTAND THESE INSTALLATION INSTRUCTIONS  
DO NOT ATTEMPT TO INSTALL OR OPERATE**

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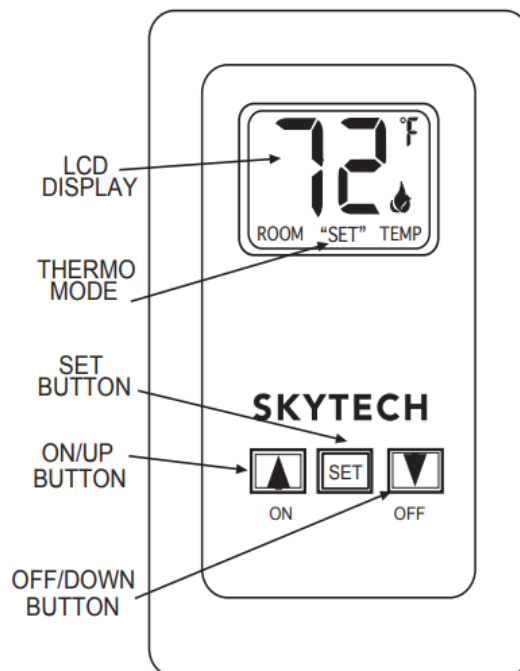
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## INTRODUCTION

This SKYTECH remote control system was developed to provide a safe, reliable, and user-friendly remote control system for gas heating appliances. The system can be operated thermostatically or manually from the transmitter. The system operates on radio frequencies (RF) within a 20-foot range using non-directional signals. The system operates one of 1,048,576 security codes that are programmed into the transmitter at the factory; the remote receiver's code must be matched to that of the transmitter prior to initial use.

**Note:** This product is designed for use with an attended hearth appliance or fire feature. Adults must be present when the Control System is operating. DO NOT program or thermostatically set this Control to operate a hearth appliance or fire feature when Adults are not physically present. Furthermore, DO NOT leave the hearth appliance or fire feature burning unattended; it may cause damage or serious injury. If an Adult is going to be away from the hearth appliance or fire feature for any length of time, then the handheld/wall mount, receiver/control module and application should be in the "OFF" position.

## WALL MOUNT THERMOSTAT



The wall/transmitter operates on (2) 3V Button Cell (Included) which powers the LCD screen and powers the RF signal. These batteries are made specifically for remote controls and electronic lighters. Before using the transmitter the 3V batteries must be installed into the battery compartments.

It is recommended that CR2032 lithium batteries always be used for longer battery life and maximum operational performance.

Upon initial use, there may be a delay of five seconds before the remote receiver will respond to the transmitter. This is part of the system's design.

If the LCD screen will not come ON, check the 3V Button Cell battery.

## TO INSTALL BATTERIES IN THE WIRELESS THERMOSTAT

1. Remove face from backing plate this is done by sliding the face up about 1/2" then pull the face off the base plate. As shown in Figure 1
2. Locate the (2) holders for the 3V button cell batteries.
3. Slide the button cell batteries into the battery holders. (Make sure that the batteries are installed with the (+) plus side facing you or up.

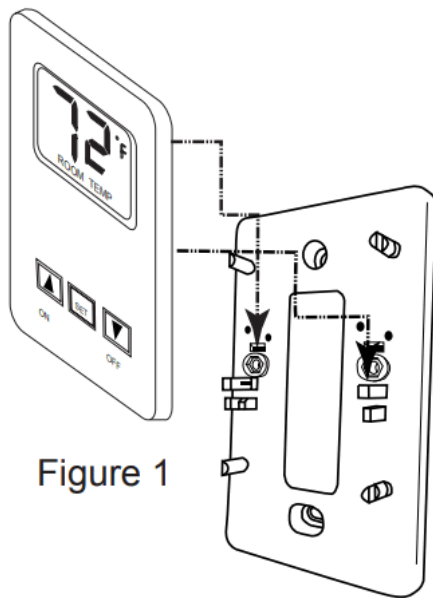


Figure 1

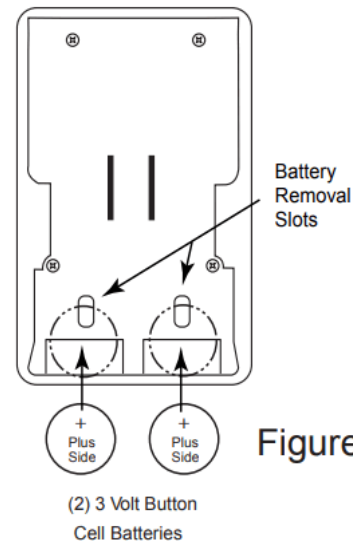


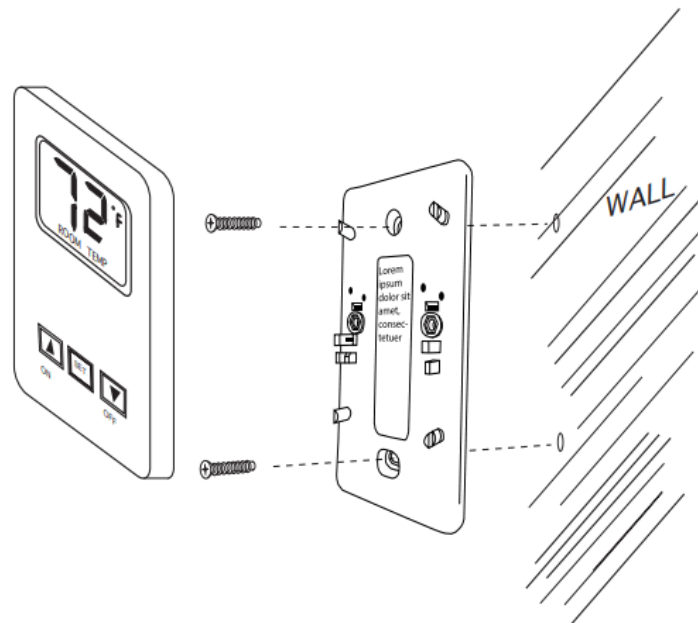
Figure 2

### TO REMOVE THE BATTERIES IN THE WIRELESS THERMOSTAT

1. Remove face from backing plate this is done by sliding the face up about 1/2" then pull the face off the base plate. As shown in Figure.
2. Locate the (2) holders for the 3V button cell batteries.
3. Insert a small screwdriver into the slot above the button cell battery and push the battery out. As shown in Figure 2.

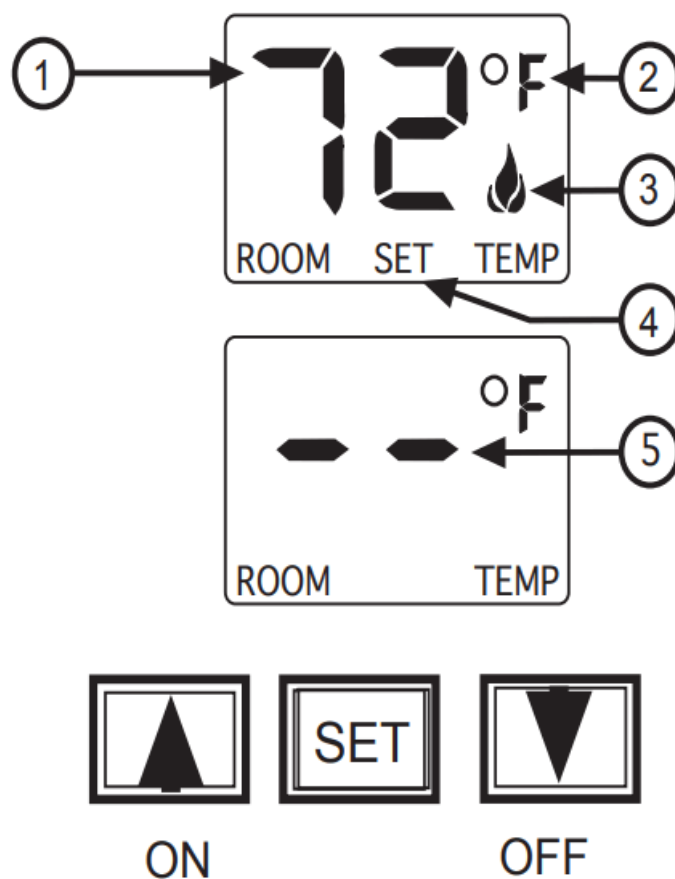
### WALL MOUNTING THE TS-R-2A THERMOSTAT

1. Remove face from backing plate as shown in Figure 1 then locate the TS-R-2A to where the (2) thermostat wires from the appliance can be pulled through the hole on the backing plate and connect them to the (2) terminal screws.
2. After locating the (2) two mounting holes and mark the holes on the wall.
3. Use the (2) two dry wall anchors and screws (that are supplied) to mount the base plate to the wall as shown.
4. Thermostat can also be mounted onto an existing (Plastic) electrical box.
5. Base plate should be mounted level on the wall for best operation.
6. Reinstall the face to the backing plate this is done by sliding the face in and down about 1/2" then check that the (2) male terminal connectors on the face are engaged in the female terminal connectors on the backing plate. As shown in Figure 1.



## GENERAL INFORMATION

### TS-R-2A THERMOSTAT OPERATION

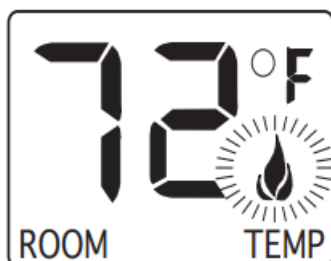


1. ROOM TEMP – Current room temperature.
2. F° = Degrees Fahrenheit (C° = Degrees Celsius)
3. FLAME ICON – Indicates APPLIANCE IS ON.
4. SET- Indicates TS-R-2A is in thermostat mode.
5. DASHES – Indicate thermostat mode is being disabled.

**Note:** The word (SET) will appear when the thermostat mode is enabled.

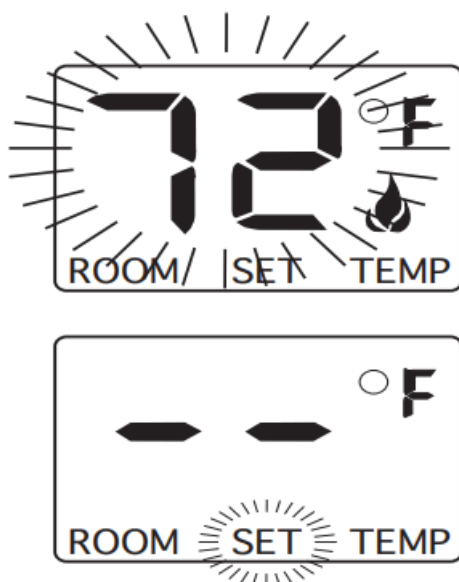
1. This TS-R-2A Wall/transmitter has ON, OFF, and SET functions that are activated by pressing the buttons on the face of the transmitter.
2. Upon initial use, there may be a delay of five seconds before the remote receiver will respond to the transmitter. This is part of the system's design. If the LCD will not come on, check the 3V-button cell battery.

## SETTING MANUAL OPERATION



1. When the ON button on the TS-R-2A is pressed a flame icon on the LCD screen will appear when the appliance is ON.
2. When the appliance is OFF the flame icon will not appear.

## SETTING THERMOSTAT OPERATION



1. If the TS-R-2A is in the thermostat mode the word (SET) will appear on the LCD screen.
2. When the SET button is pressed the temperature digits will begin to flash.
3. While the temperature digits are flashing use the ON button to increase the set temperature or use the OFF button to decrease the set temperature to your desired temperature.
4. When the desired temperature setting is reached press the SET button, again and the word SET will appear on the LCD screen and now the thermostat will automatically send an ON or OFF signal to the appliance.
5. To disengage the thermostat mode push the OFF button or push and hold the SET button until (2) dashes

appear on the LCD screen. When you release the SET button this will disengage the thermostat mode and the word SET will disappear from the LCD screen.

### **SETTING °F / °C SCALE**

The factory setting for temperature is degrees Fahrenheit (°F) . To change this setting to Centigrade (°C), you must press and hold both the ON and OFF buttons on the transmitter at the same time until the LCD displays the change. If you want to convert back, repeat the above procedure.

### **THERMO UPDATING FEATURE**

This SKYTECH wired wall thermostat has a THERMO UPDATING Feature built into its software. The THERMO UPDATING Feature operates in the following manner, but only in the THERMOSTAT MODE:

The TS-R-2A normally reads the ROOM temperature every 2 minutes checking the ROOM temperature against the SET temperature and then sends a signal to the appliance.

**NOTE:** When locating the TS-R-2A on a wall remember it should be kept away from direct sources of heat such as heating appliance, incandescent lighting, and direct sunlight. Leaving the TS-R-2A in direct sunlight, for example, will cause its heat-sensing diode to read the room temperature higher than it actually is; if in THERMOSTAT mode, it may not turn ON the appliance even if the ambient ROOM temperature is below the SET temperature.

### **COMMUNICATION – SAFETY – TRANSMITTER – (C/S – TX)**

This SKYTECH remote control has a COMMUNICATION –SAFETY function built into its software. It provides an extra margin of safety when the TRANSMITTER is out of the normal 20-foot operating range of the receiver.

The COMMUNICATION – SAFETY feature operates in the following manner, in all OPERATING MODES – Manual ON and THERMO.

At all times and in all OPERATING MODES, the wall transmitter sends an RF signal every fifteen (15) minutes, to the receiver, Should the receiver NOT receive a transmitter signal every 15 minutes, the IC software, in the RECEIVER, will begin a 2-HOUR (120-minute) countdown timing function. If during this 2-hour period, the receiver does not receive a signal from the wall transmitter, the receiver will shut down the appliance being controlled by the receiver. The RECEIVER will then emit a series of rapid “beeps” for a period of 10 seconds. Then after 10 seconds of rapid beeping, the RECEIVER will continue to emit a single “beep” every 4 seconds until the ON button on the wall transmitter is pressed to reset the receiver. The intermittent 4 second beeping will go on for as long as the receiver’s batteries last which could be in excess of one year.

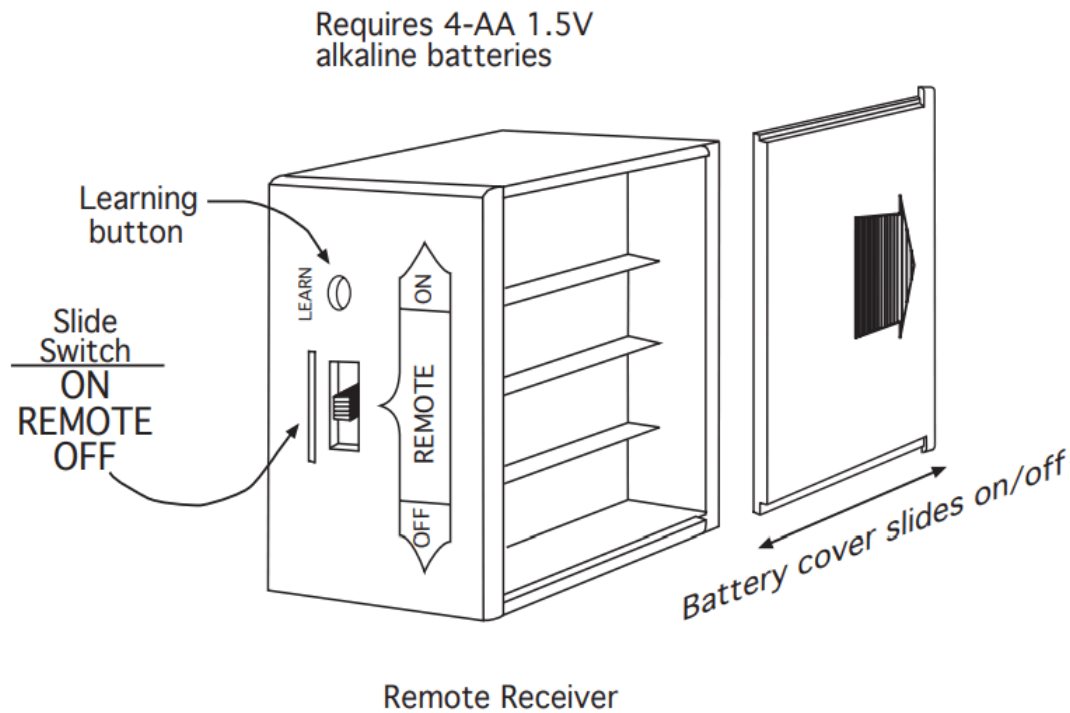
To “reset” the RECEIVER and operate the appliance, you must press ON button on the wall transmitter. The flame icon must be display on the LCD screen. By turning the system to ON, the COMMUNICATION -SAFETY operation is overridden and the system will return to normal operation depending on the MODE selected at the wall transmitter. The COMMUNICATION – SAFETY feature will reactivate if the transmitter’s batteries fail or be removed.

### **REMOTE RECEIVER**

The remote receiver operates on (4) AA-size 1.5V batteries. It is recommended that ALKALINE batteries be used for longer battery life and maximum microprocessor performance.

**IMPORTANT:** New or fully charged batteries are essential for proper operation of the remote receiver.

The remote receiver houses the microprocessor that responds to commands from the transmitter to control system operation. It emits one beep when it receives an ON or OFF command manually, but no beep when cycling ON and OFF automatically in THERMO mode. The remote receiver has a 3-position slide switch for selecting the MODE of operation: ON/REMOTE/OFF



- With the slide switch in the ON position (toward the LEARN button), the system will remain on until the slide switch is placed in the OFF or REMOTE position.
- With the slide switch in the REMOTE position (centered), the system will only operate if the remote receiver receives commands from the transmitter.
- With the slide switch in the OFF position (away from the LEARN button), the system is OFF.
- It is suggested that the slide switch be placed in the off position if you will be away from your home for an extended period of time. If the remote receiver is mounted out of children's reach, placing the slide switch in the OFF position also functions as a safety "lock-out" by both turning the system off and rendering the remote receiver inoperative.

#### **THERMO- SAFETY FEATURE – RECEIVER (T/S –RX)**

This SKYTECH remote control has a THERMO- SAFETY feature that is built into the system's RECEIVER. This feature is temperature- activated and provides an extra margin of safety when the RECEIVER is operating where ambient temperatures exceed 130° F inside the receiver case.

The THERMO-SAFETY feature, in the RECEIVER, operates in the following manner, when the appliance is in operation.

The receiver is thermally protected from extreme heat conditions. Heat can have negative effect on the operation of the receiver's microprocessors.

For REMOTE RECEIVERS that operate on BATTERY POWER, these heat conditions can cause batteries to discharge when temperatures exceed 115° F. Studies show that alkaline batteries, when exposed to a constant temperature of 120° F, can lose up to 50% of their operating power. When the battery cools down, it will partially recharge itself, but constant heating and cooling will reduce the battery's normal life expectancy.

When the ambient temperature at the THERMISTOR, inside the receiver case, reaches 130° F, the THERMISTOR will automatically shut the appliance down and the RECEIVER will begin emitting a series of 4 "beeps", every 2 seconds. When the ambient temperature, at the RECEIVER, drops between 120° F and 130° F, the user can reactivate the appliance by pushing the MODE button on the transmitter. The word ON must display on the LCD screen. When the ON button is pressed, the wall THERMISTOR "resets" itself and the fireplace will begin operating again. However, the "beeping" will continue, if the ambient temperature remains between 120° F and 130° F. This "beeping" alerts the user that the RECEIVER should be repositioned so the ambient temperature drops below 120° F.

When the temperature drops below 120° F, the "beeping" will cease, providing the user has "reset" the THERMISTOR by pushing the MODE button to ON to operate the appliance, either manually or thermally. Allow sufficient time for the receiver to cool below 120° F, and then press MODE button to stop beeping.

## INSTALLATION INSTRUCTIONS

### WARNING

This remote control system must be installed exactly as outlined in these instructions. Read all instructions completely before attempting installation. Follow instructions carefully during installation. Any modifications of the SKYTECH remote control or any of its components will void the warranty and may pose a fire hazard.

Do not connect any gas valve or electronic module directly to 110-120VAC power. Consult gas appliance manufacturer's instructions and wiring schematics for proper placement of all wires. All electronic modules are to be wired to manufacturer's specifications.

The following wiring diagrams are for illustration purpose only. Follow instructions from manufacturer of gas valve and/ or electronic module for correct wiring procedures. Improper installation of electric components can cause damage to electronic module, gas valve and remote receiver.

### INSTALLATION

The remote receiver can be either wall-mounted in a standard plastic switch box or placed on or near the fireplace hearth.

Preferably, the remote receiver should be wall-mounted in a plastic switch box, as this will protect its electronic components from both the heat produced by the gas appliance and potential damage or abuse that can occur if it is left exposed on the hearth. PROTECTION FROM EXTREME HEAT IS VERY IMPORTANT. Like any piece of electronic equipment, the remote receiver should be kept away from temperatures exceeding 130° F inside the receiver case. Battery life is also significantly shortened if batteries are exposed to high temperatures.

Make sure the remote receiver switch is in the OFF position. It is recommended that 18 gauge stranded or solid wires (included) be used to make connections between the terminal wiring block on the millivolt gas valve or electronic module and the wire terminals on the remote receiver. For the best results, use 18 gauge stranded or solid wire, with no splices and measuring no longer than 20-feet.

### WALL MOUNTING

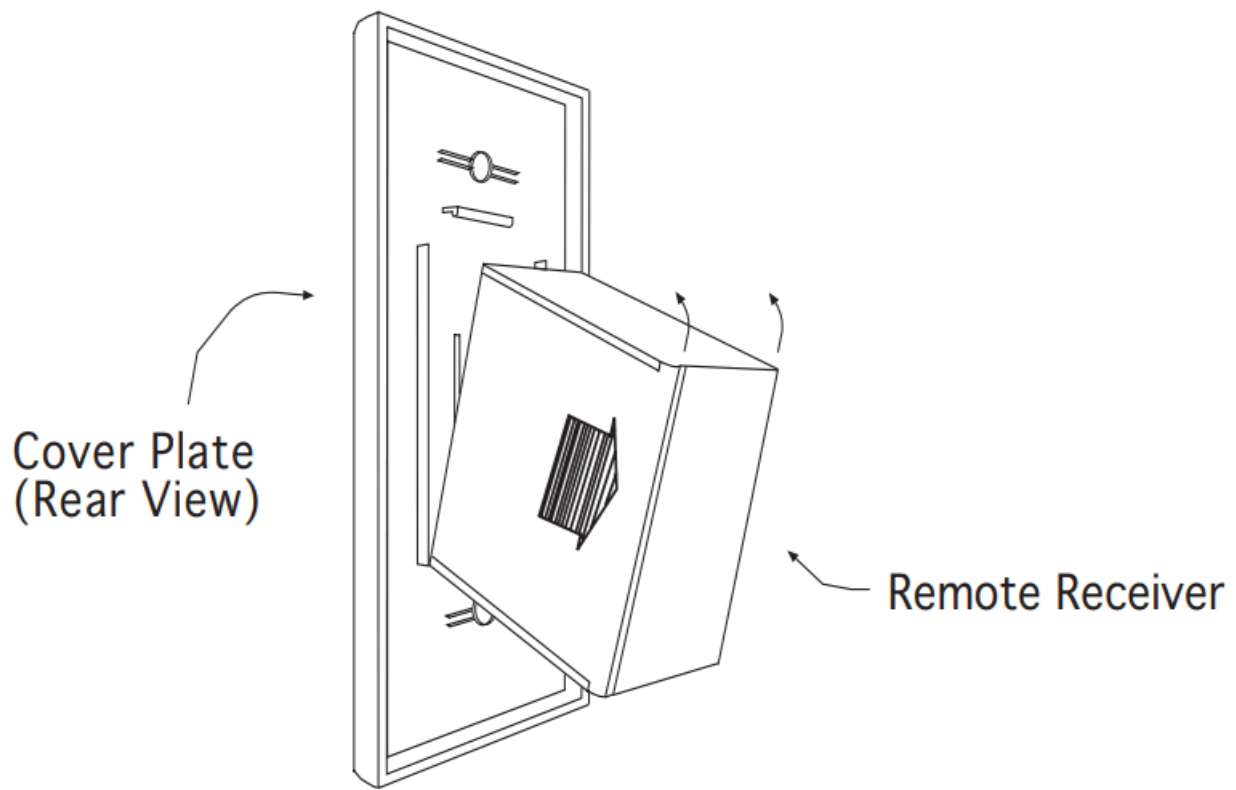
Install (4) AA-size 1.5 ALKALINE batteries in the remote receiver. For best performance, remote receiver batteries should be factory fresh when installed. Very little battery power is required to operate the remote receiver, but the electronics are tuned to operate best when battery output is greater than 5.3 volts. Four new AA batteries should provide an output voltage of 6.0 to 6.2 volts. Be sure batteries are installed with the (+) and (-) ends facing the correct direction.

To attach wall cover plate to receiver box:

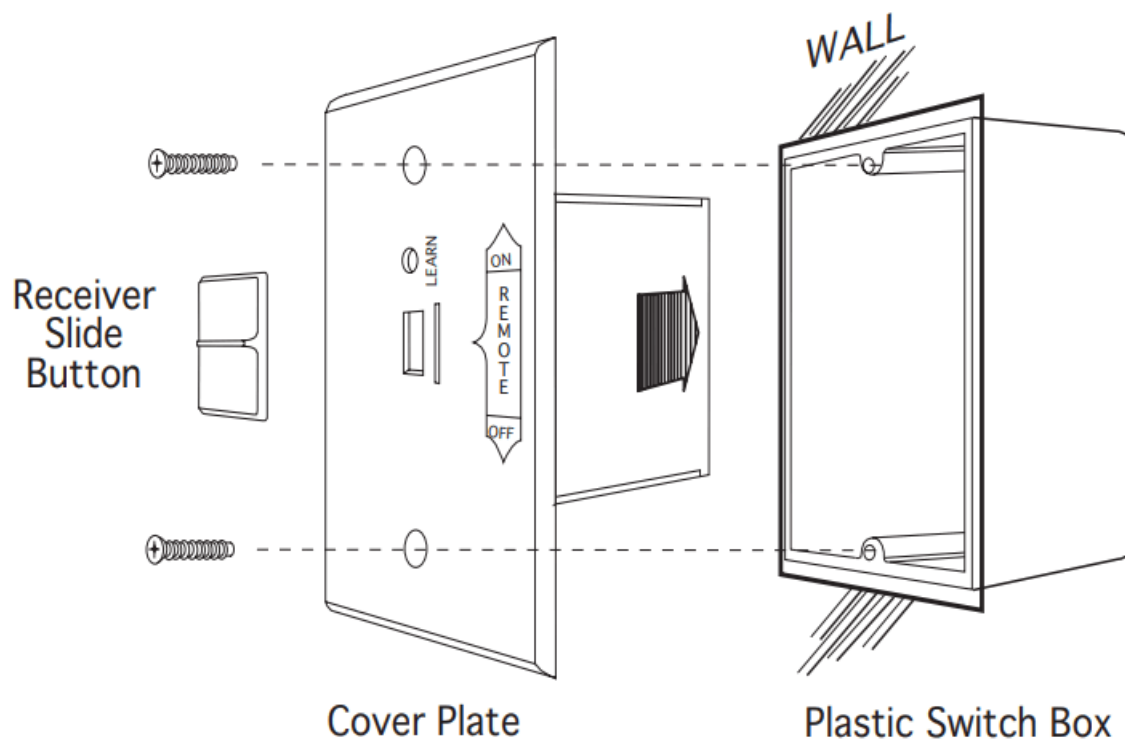
1. Position the receiver as shown in diagram to the left with lower tab on wall cover plate into groove of receiver (Make sure the LEARN hole on cover plate properly aligns with remote receiver)
2. Pull receiver up and snap into top tab of cover plate.
3. Position the wall cover plate so the word ON is facing up.
4. Install the remote receiver into the plastic switch box using the two long screws provided. Push the slide Button over the receiver slides with only after making sure the remote receiver has LEARNED the transmitter's security code (see LEARNING TRANSMITTER TO RECEIVER).

**NOTE:** Slide button covers the Learn hole when properly installed.





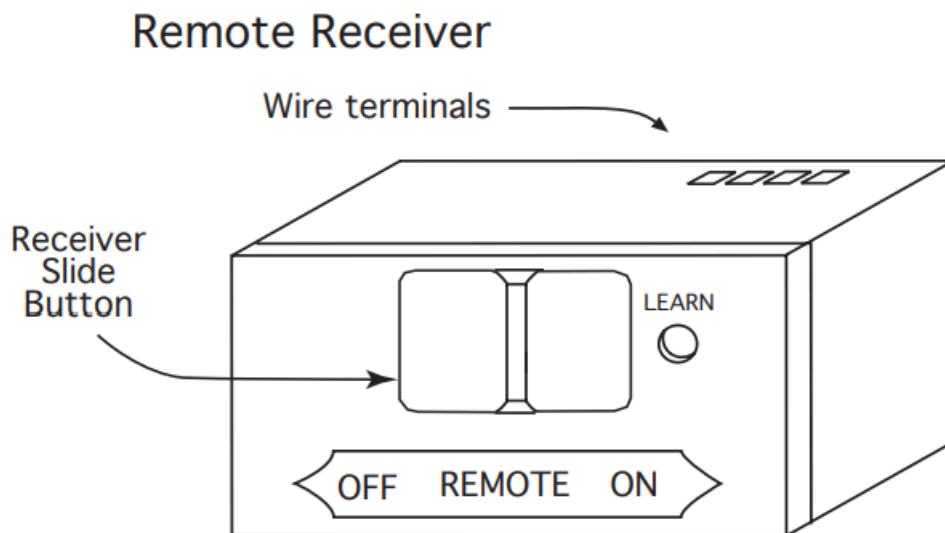
**NOTE:** The remote receiver will only respond to the transmitter when the 3-position slide button on the remote receiver is in the REMOTE position. If the system does not respond to the battery transmitter on initial use, see LEARNING TRANSMITTER TO RECEIVER, and recheck battery positions in the remote receiver.



## HEARTH MOUNT

The remote receiver can be placed on the fireplace hearth or under the fireplace, behind the control access panel. Position where the ambient temperature inside the receiver case does not exceed 130° F.

**NOTE:** Black Slide Button is used for Hearth Mount applications.



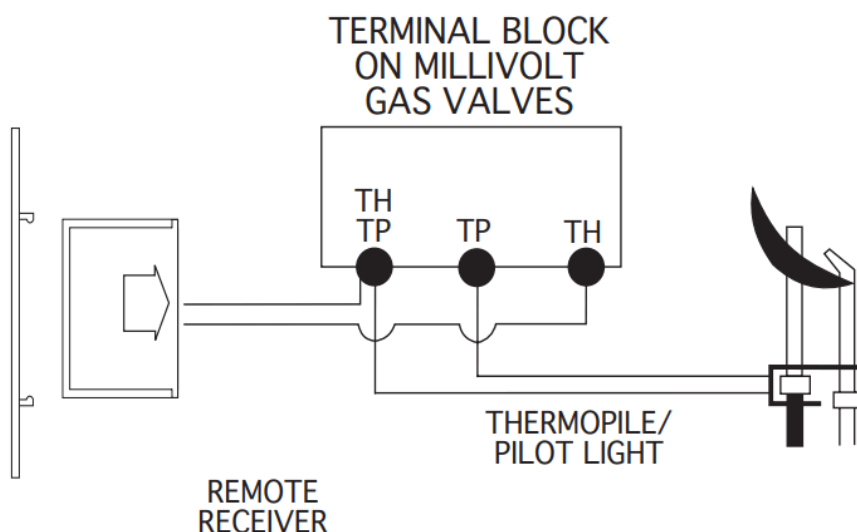
## WIRING INSTRUCTIONS

A qualified electrician or a gas technician who is familiar with the gas appliance and gas valves that will be operated by this remote should install the remote control system. Incorrect wiring connections WILL cause damage to the gas valve or electronic module operating the gas appliance and may also damage the remote receiver.

### WIRING MILLIVOLT VALVES

The remote receiver is connected to the millivolt valve using the TH (thermostat) terminals on the terminal block on the millivolt gas valve. Connect 18 gauge stranded or solid wires from the remote receiver to the gas valve. Operation of the remote receiver is similar to that of a thermostat in that both turn the gas valve on and off based on input signals. A thermostat's input signals are different temperatures. The remote receiver's input signals come from the transmitter.

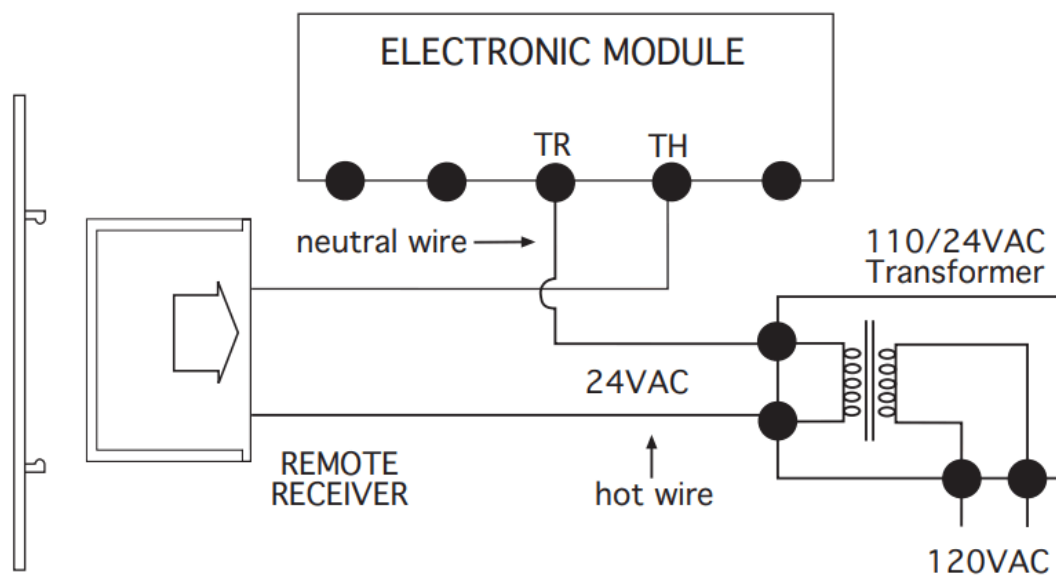
Connect each of the two wires leading from the TH and TH/ TP terminals on the millivolt gas valve to either of the two wire terminals on the remote receiver. Normally it does not matter which wires go to which terminal.



### WIRING ELECTRONIC SPARK IGNITIONS

The remote control receiver can be connected, in series, to a 24VAC transformer to the TR (transformer) terminal

on the ELECTRONIC MODULE. Connect the hot wire from the 24VAC transformer to either of the wire terminals on the remote receiver. Connect another wire (Not included) between the other receiver wire terminal and the TH (thermostat) terminal on the ELECTRONIC MODULE.



## SYSTEM CHECK

### MILLIVOLT VALVES

Light your gas appliance following the lighting instructions that came with the appliance. Confirm that the pilot flame is ON; it must be in operation for the main gas valve to operate.

- Slide the 3-position button on the remote receiver to the ON position. The main gas flame (i.e., the fire) should ignite.
- Slide the button to OFF. The flame should extinguish (the pilot flame will remain ON).
- Slide the button to REMOTE (the center position), then press the ON button on the transmitter to change the system to ON. The main gas flame should ignite.
- Press the ON button on the wall transmitter to change the system to OFF. The flame should extinguish (the pilot flame will remain on).
- Press the ON button on the wall transmitter to change the system to THERMO. Advance the SET temperature on the transmitter to a temperature of at least 2° F (1° C) above the ROOM temperature displayed on the LCD screen. With this manual setting, the normal thermostatic cycle is overridden and the system flame will ignite. Set the SET
- temperature to at least 20 F (10 C) below the room temperature and the system flame will extinguish in a few
- seconds. Thereafter, it should continue to cycle to on and off thermostatically approximately every two minutes as the ROOM temperature changes, but only when the temperature differential between ROOM and SET temperatures differ at least 2° F (1° C). The 2° F differential is the factory setting.

## ELECTRONIC IGNITION SYSTEMS

- Slide the 3-position button on the remote receiver to the ON position. The spark electrode should begin sparking to ignite the pilot (the pilot may ignite after only one spark). After the pilot flame is lit, the main gas valve should open and the main gas flame should ignite.

- Slide the button to OFF. The main gas flame and pilot flame should BOTH extinguish.
- Slide the button to REMOTE (the center position), then press the ON button on the wall transmitter to change the system to ON. The spark electrode should begin sparking to ignite the pilot. After the pilot is lit, the main gas valve should open and the main gas flame should ignite.
- Press the ON button on the wall transmitter to OFF. The main gas flame and pilot flame should BOTH extinguish.
- Press the ON button on the wall transmitter to change the system to THERMO. Advance the SET temperature on the transmitter to a temperature of at least 2° F (1° C) above the ROOM temperature displayed on the LCD screen.

With this manual setting the normal thermostatic cycle is overridden and the system flame will ignite. Set the SET temperature to at least 2° F (1° C) below the room temperature and the system flame will extinguish in a few seconds. Thereafter, it should continue to cycle to on and off thermostatically approximately every two minutes as the ROOM temperature changes, but only when the temperature differential between ROOM and SET temperatures differ at least 2° F (1° C). (The 2° F differential is the factory setting).

## **GENERAL INFORMATION**

### **LEARNING TRANSMITTER TO RECEIVER**

Each transmitter uses a unique security code. It will be necessary to press the LEARN button on the receiver to accept the transmitter security code upon initial use, if batteries are replaced, or if a replacement transmitter is purchased from your dealer or the factory. In order for the receiver to accept the transmitter security code, be sure the slide button on the receiver is in the REMOTE position; the receiver will not LEARN if the slide switch is in the ON or OFF position. The LEARN button is located on the front face of the receiver; inside the small hole labeled LEARN. Using a small screwdriver or end of a paper clip gently press and release the black LEARN button inside the hole. When you release the LEARN button the receiver will emit an audible "beep". After the receiver emits the beep press the transmitter ON button and release. The receiver will emit several beeps indicating that the transmitter's code has been accepted into the receiver.

The microprocessor that controls the security code matching procedure is controlled by a timing function. If you are unsuccessful in matching the security code on the first attempt, wait 1-2 minutes before trying again – this delay allows the microprocessor to reset its timer circuitry – and try up to two or three more times.

### **THERMO FUNCTION**

When the transmitter is in the THERMO mode, it should be kept away from direct sources of heat such as fireplaces, incandescent lighting, and direct sunlight. Leaving the transmitter in direct sunlight, for example, will cause its heat-sensing diode to read the room temperature higher than it actually is; if in THERMO mode, it may not turn on the appliance even if the ambient ROOM temperature is below the SET temperature.

### **BATTERY LIFE**

Life expectancy of alkaline batteries in the SKYTECH A-TS/R-2A should be at least 12 months. Check and replace all batteries annually. When the Wall Transmitter no longer operates or the remote receiver does not function at all, the batteries should be checked. It is important that the remote receiver batteries are fully charged, providing a combined output voltage of at least 5.3 volts. The length of the wire between the remote receiver and the gas valve directly affects the operating performance of the remote system. The longer the wire, the more battery power is required to deliver signals between the remote receiver and the gas valve. The Wall Transmitter should operate with as little as 2.4 volts of battery power, measuring at each of the 3-volt button cell batteries.

### **FCC Notification**

**Note:** This equipment has been tested and found to comply with 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 the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experience radio/TV technician for help

## **TROUBLE SHOOTING**

Should you encounter problems with your fireplace system, the problem may be with the fireplace itself or it could be with the SKYTECH remote control. Review the fireplace manufacturer's operation manual to make sure all connections are properly made. Then check the operation of the SKYTECH remote in the following manner:

1. Make sure receiver batteries are installed properly. If one battery is installed backward, receiver will not operate in remote mode. Be sure battery output is 5.3 volts or more. (Slide switch is independent of battery condition.)
2. Be sure the wall transmitter's batteries are properly installed and that the battery output is 2.4 volts each or more.
3. The wall transmitter has (2) 3 volt button cell batteries (1) button cell operates the LCD screen and the other button cell operates sending the RF signal. If the button cell battery that controls sending the RF signal is low or defective the LCD screen may work but the RF signal may not be sending (Check each button cell battery)
4. Check to make sure the transmitter is communicating with the receiver.
  - If the receiver beeps when the ON button is depressed on the wall transmitter they are communicating.
  - If the receiver does not beep when the ON button is depressed on the wall transmitter, you will need to teach the receiver the code of the transmitter. This is done by holding the LEARN button down on the receiver (NOTE: The black slide Button covers the LEARN access hole when installed), and at the same time depress the ON button on the wall transmitter. A change in the beeping pattern, at the receiver indicates the transmitter's code has been programmed into the receiver.
5. Make sure the wall transmitter is within the 15 to 20-feet range of the receiver.
6. Positioning of the receiver is important. If the receiver is "enclosed" in a metal surround, the operation of the receiver may be affected as noted below. Reposition the receiver to improve operating range. It is suggested that a heat shield be installed to protect the receiver from extreme heat. If the receiver is "enclosed" in a metal surround, this can:
  - Cause the RF signal to get lost and not communicate with the receiver.
  - Cause the working distance to be shorter than normal.

**NOTE:** A receiver located in an area, where the ambient temperature inside the case exceeds 130°F, will cause THERMO-SAFETY feature to cut in, requiring you to reposition the receiver to stop the warning beeps, and to "reset" the receiver's operation.

## **SPECIFICATIONS**

**BATTERIES:** Wall Transmitter 6V – 2ea. (CR2032) 3.0 volt lithium button cell batteries Remote Receiver 6V – 4ea. AA 1.5 Alkaline

FCC ID No.'s: transmitter –(K9L TS-R-2A); receiver – (K9L 3301RX)

Operating Frequency: 303.8MHZ

Canadian IC ID No.'s: transmitter – (2439A-TSR2A) receiver – 2439A-3301RX

## FCC REQUIREMENTS

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THE EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT

### Federal Communication Commission Interference Statement

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.

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.

This device complies with RSS 210 of Industry Canada. This Class B device meets all the requirements of the Canadian interference causing equipment regulations.

## LIMITED WARRANTY

1. **Limited Warranty.** Skytech II, Inc. ("Skytech") warrants that each new Skytech Remote Control System, including all hardware, parts and components (the "System"), when used in accordance with the instructions furnished by Skytech provided with each System, shall be free in all material respects of defects in material and workmanship, subject to proper installment and normal use (the "Warranty"). The Warranty extends only to the original retail purchaser of the System (the "Customer"), is not transferable, and expires upon any sale or transfer of the System by the Customer.
2. **System Sold As Is.** Subject to this Warranty and any applicable state law, each System is sold by Skytech to a Customer on an "as is" basis. In addition, each System and Skytech's obligations are and remain subject to all additional disclaimers, limitations, reservations of rights, exclusions, and qualifications set forth on Skytech's website, [www.skytechpg.com](http://www.skytechpg.com), all of which are considered part of the Warranty and are incorporated herein (collectively, the "Additional Terms"). Each Customer, by purchasing and/or using any System or any portion thereof, does so subject to the Warranty and the Additional Terms.
3. **Repair or Replacement of System or Parts.** Should any System, or any hardware, components and/or parts contained therein fail due to a defect in workmanship or material provided by Skytech after the purchase of a System by a Customer, Skytech shall repair or, at its option, replace the defective System or part, hardware, or component, subject to the Customer's compliance with all terms and conditions contained herein governing service and claims under the Warranty. Skytech shall provide replacement parts at no charge for the first (5)

five years of this warranty, and at market cost for the Lifetime of the product to the Customer. Gas valve and gas valve components will be available at no charge for one (1) year. If Skytech does not have the parts for an individual model, then a replacement System will be provided at no charge within the first (5) five years after purchase, and then at market cost for the Lifetime of that product to the Customer.

4. **Warranty Claims; Skytech Service.** To submit a valid claim under the Warranty (each, a “Valid Claim”), a Customer must comply with the following:

- (a) Provide written notice to a Skytech or an Authorized Dealer (“Dealer”) and provide the Name, Address and Telephone Number of the Customer.
- (b) Describe the System model number and nature of the defect, nonconformity, or other problem with the System;
- (c) Provide such notice within thirty (30) days of discovery of such defect, nonconformity, or problem;
- (d) Obtain a Return Merchandise Authorization (“RMA”) number from Skytech by calling (855) 498-8324; and
- (e) Securely pack and ship the defective System to Skytech at 9230 Conservation Way, Fort Wayne, IN 46809, at the Customer’s cost, within thirty (30) days from the date Skytech issued the RMA to the Customer with the RMA number clearly marked on the outside of the box containing the returned System.

Any shipment that does not meet all the Valid Claim requirements may be refused by Skytech. Skytech is not responsible for any refused shipments, or any damage caused due to shipping, whether or not it was a Valid Claim. Skytech shall be responsible for return shipment charges for any System returned should Skytech determine there is no defect with the System, reject for failure of the Customer to submit a Valid Claim, or otherwise determine is not eligible for service under the Warranty.

Upon receipt of a Valid Claim and the properly returned System, Skytech shall, at its option, either (a) repair the System, at no charge to the Customer, or (b) replace the returned System with a new System, at no charge to the Customer, or (c) provide the Customer with a refund in an amount equal to the price paid by the Customer for the defective System. Any System or hardware, component or part repaired by Skytech hereunder, or any replacement System, hardware, component or part shall be shipped to the Customer by Skytech at Skytech’s cost and the Warranty, the Additional Terms, and all other terms and conditions set forth herein shall extend to such repaired or replacement System, hardware, component or part. No refund shall be paid by Skytech before the defective System, hardware, component and/or part are received by Skytech from the Customer. Any obligation of Skytech under this Section 4 shall be and remain subject to Skytech’s right to physically inspect the defective System, hardware, component and/or part returned to Skytech by the Customer.

5. Some States do not allow the exclusion or limitation of incidental and consequential damages or limitation on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights and you may have other rights, which vary from state, province, or nation. To the extent allowable under any law, the liability of Skytech is limited to the express terms of this warranty, and Skytech expressly disclaims all implied warranties, including any warranties of fitness for a particular purpose or merchantability.

#### **How to Obtain Service:**

In addition to the foregoing, contact Skytech or your Skytech Dealer direct with the following information:

- Name, Address, Telephone Number of Customer
- Date of Purchase, Proof of Purchase
- Model Name, Date Code of Product, and any relevant information or circumstances, concerning installation,

mode of operation and/or when defect was noted

Warranty claim process will start with all this information. Skytech reserves the right to physically inspect the product for defects, by authorized representatives.

**Print information below and return form to:**

Skytech Products Group, 9230 Conservation Way, Fort Wayne, IN. 46809; Attn. Warranty Dept Phone: (855) 498-8224

**Warranty Information**

Purchase Date: \_\_\_\_\_ Model: \_\_\_\_\_ Date Code: \_\_\_\_\_

**Note:** Date code may be in one of two formats

1. Printed 4-digit number: YYMM format. Example: 2111 = 2021, November
2. Check box with date code marked: 2-year boxes and 1-12 month box format.

Example:

21'	<input checked="" type="checkbox"/>	1	2	3	4	5	6
22'	<input type="checkbox"/>	7	8	9	10	11	12

= 2021, November

Purchased From: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Prov. \_\_\_\_\_

Zip/Postal Code \_\_\_\_\_

E-mail Address: \_\_\_\_\_

**Please send a “Proof of Purchase” (original receipt) copy along with your warranty form.**

Skytech Products Group 9230 Conservation Way  
Fort Wayne, IN 46809  
Sales Support: (888) 699-6167  
Website: [www.skytechpg.com](http://www.skytechpg.com)

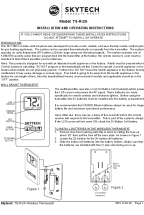
**MANUFACTURED EXCLUSIVELY FOR SKYTECH II, INC**



Skytech: TS-R-2A Wireless Thermostat  
REV. 5-20-22



## Documents / Resources

	<p><a href="#">SKYTECH TS-R-2A Wireless Remote Wall Mount Fireplace Timer System</a> [pdf] Instruction Manual</p> <p>TS-R-2A Wireless Remote Wall Mount Fireplace Timer System, TS-R-2A, Wireless Remote Wall Mount Fireplace Timer System, Wall Mount Fireplace Timer System, Fireplace Timer System</p>
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## References

-  [Skytech remote and valve systems for heating industry home page](#)

Manuals+.