



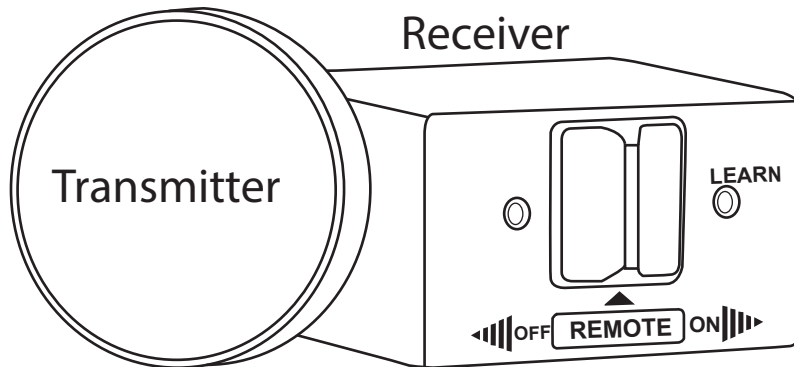
MODEL: 7001

INSTALLATION AND OPERATING INSTRUCTIONS

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

INTRODUCTION

This remote control system was developed to provide a safe, reliable and user-friendly remote control system for gas heating appliances. This all battery system, operates independently of household current. The system operates on radio frequencies with a non-directional signals. The systems operating range is approximately 20-feet. The system operates on one of 10,000,000 security codes that are programmed into the transmitter at the factory. It is designed to be used with millivolt gas valves as a dry contact switch.



The transmitter (button) has a green and red LED light ring that illuminates when you press and release the top button. Tapping the transmitter one time, turns the appliance ON, emitting one green blink. Double tapping the transmitter turns the appliance OFF, emitting two red blinks. If the LED light ring does not illuminate when tapping ON or OFF, check the battery position and use a tester to ensure it has a minimum of 3 volts.

TRANSMITTER

The transmitter operates on (1) 3-volt Lithium CR2450 button cell battery (included), capable of a 3 year battery life.

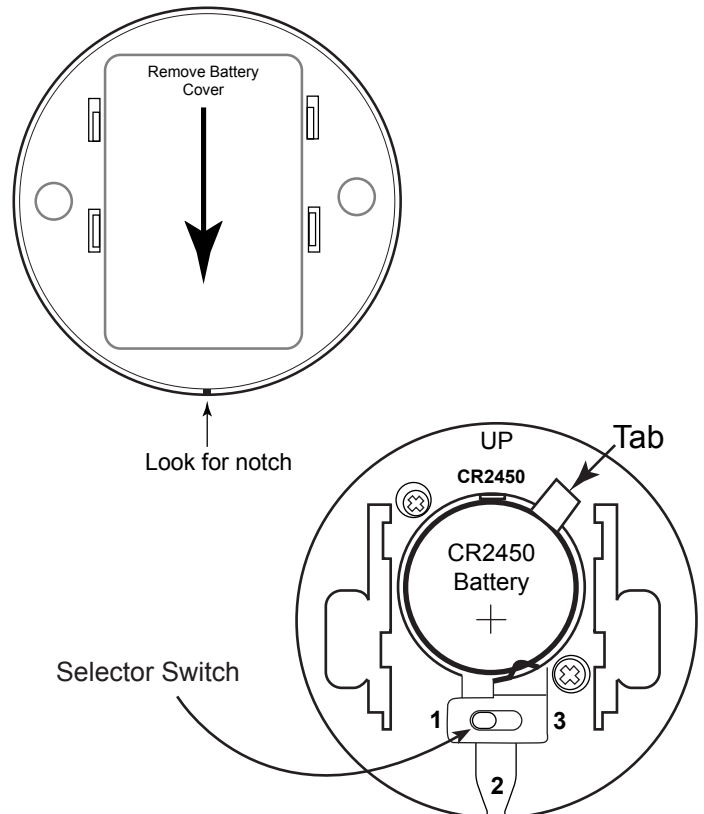
Before using the transmitter, look for a small notch under the battery cover and slide the cover toward the notch and lift it off.

Underneath the battery is an insulation tab. Pull the tab out from underneath the battery.

Below the area where the battery is installed is a 3 position selector switch. The selector switch is not used with this control system and should be left in the "1" position.

Note: If the selector switch is set to either "2" or "3" the LED light ring will illuminate orange when tapping the button transmitter and the appliance will not turn ON.

There is a low battery indicator built into the transmitter. A red LED flash will blink once every 4 second indicating the battery level is low.

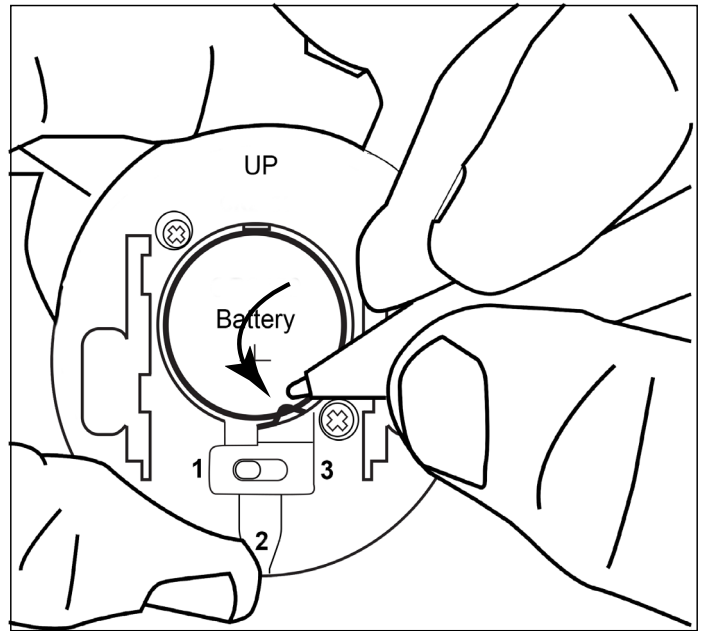


TRANSMITTER CONT.

BATTERY REMOVAL

Tools Needed: Small jewelers screwdriver or a pen.

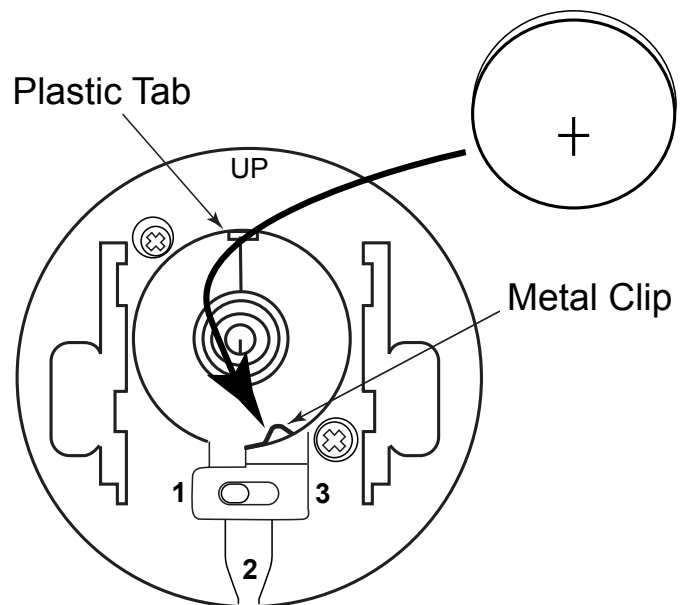
Remove the battery cover. Hold the transmitter upside down in one hand and with the other hand use a pen or small screwdriver to pull down the metal clip. The battery will “pop” up, then use the tip to pry the battery completely out. See illustration.



BATTERY INSTALLATION

To install a new battery simply place the edge of the battery (positive + side up) under the metal clip first and into the cavity of the transmitter then press down until it snaps into place under the plastic tab.

After battery is installed then replace the battery cover.



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.

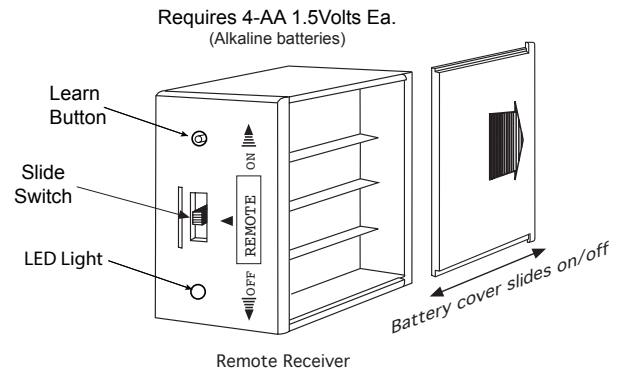
The remote receiver houses the microprocessor that responds to commands from the transmitter to control system operation. The remote receiver has a 3-position slide switch for selecting the MODE of operation: OFF/REMOTE/ON

- With the slide switch in the ON position, 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 accepts commands from the transmitter. If the system does not work, see LEARNING TRANSMITTER TO RECEIVER Section.

- With the slide switch in the OFF position the system is OFF.

- It is suggested that the slide switch be in the OFF position if you will be away from your home for an extended period of time. 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.



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.

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 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 purposes 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.

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. When locating the receiver at 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 solid or stranded 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 wire with no splices and measuring no longer than 20-feet.

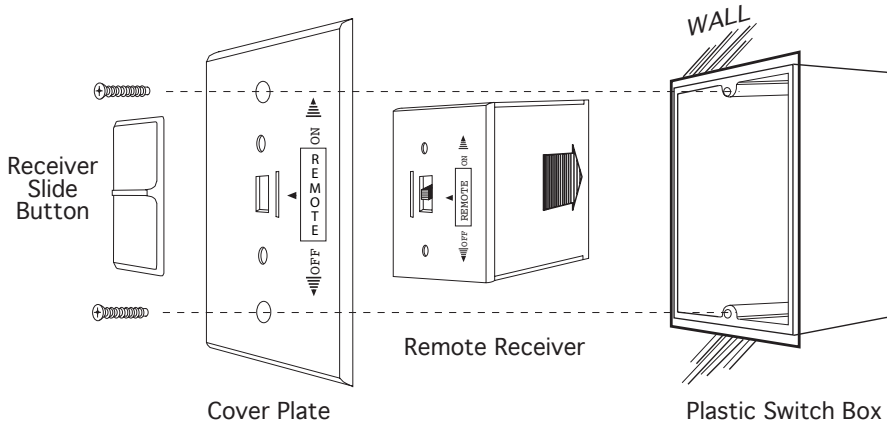
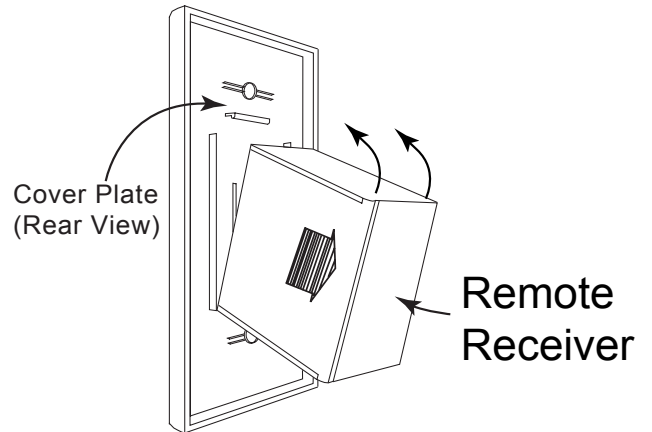
WALL MOUNTING RECEIVER

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 total battery output is greater than 5.3 volts. Four new AA batteries should provide a total output voltage of 6.0 to 6.2 volts. Be sure batteries are installed with the (+) and (-) ends facing the correct direction.

To attach Cover Plate to Receiver Box:

Position the receiver as shown in diagram to the left with lower tab on cover plate inserted into groove of receiver. (Make sure LEARN hole on cover plate properly aligns with remote receiver). Pull Receiver up and snap into top tab of cover plate.

Position the cover plate so the word ON is facing up; then, install the remote receiver into the plastic switch box using the two long screws provided. Push the white slide button over the receiver slide switch.

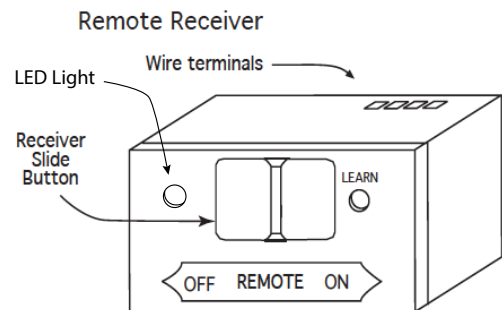


NOTE: The remote receiver will only respond to the transmitter when the 3-position slide button on the remote receiver is in the REMOTE position. If the system does not respond to the battery transmitter on initial use, see LEARNING TRANSMITTER TO RECEIVER, and recheck battery positions in the remote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

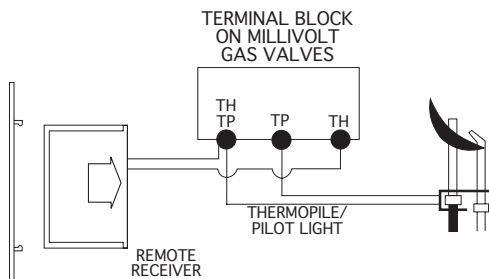


WIRING INSTRUCTIONS

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

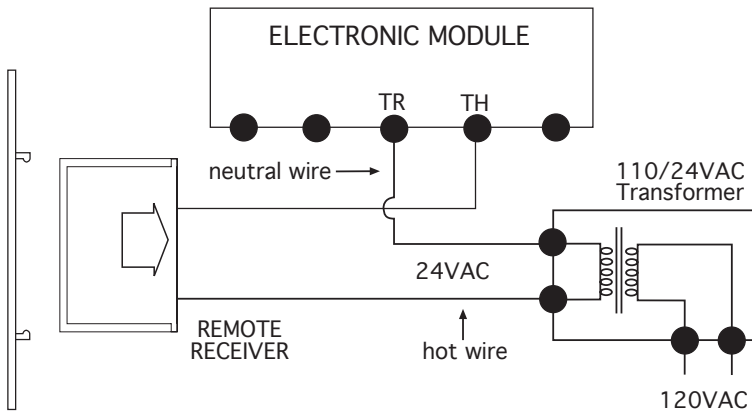
The remote receiver is connected to the millivolt valve using the TH (thermostat) terminals (TH & TH/TP) on the terminal block on the millivolt gas valve. Connect 18 gauge solid or stranded wires from the remote receiver to the gas valve.



Operation of the remote receiver turns the gas valve ON and OFF based on input signals from the transmitter by pressing the ON/OFF buttons.

Connect each of the two wires leading from the TH terminals on the millivolt gas valve to either of the two wire terminals on the remote receiver. It does not matter which wires go to which terminal. They are not polarity sensitive.

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 come 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), and then press the ON button on the transmitter to turn the system to ON. The main gas flame should ignite.
- Press the OFF button on the transmitter to turn the system to OFF. The flame should extinguish (the pilot flame will remain ON).

SYSTEM CHECK

ELECTRONIC IGNITION SYSTEMS

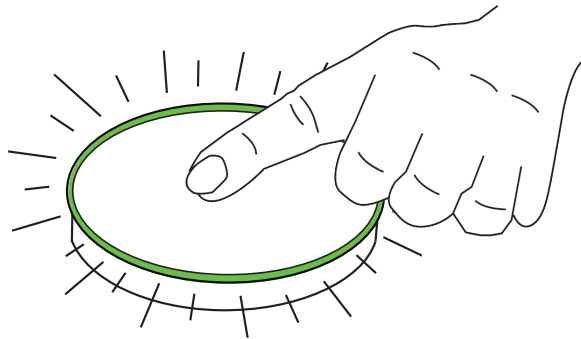
- Slide the 3-position button on the remote receiver to the ON position. The spark electrode should begin sparking to ignite the pilot (the pilot may ignite after only one spark). After the pilot flame is lit, the main gas valve should open and the main gas flame should ignite.
- Slide the button to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

LEARNING TRANSMITTER TO RECEIVER

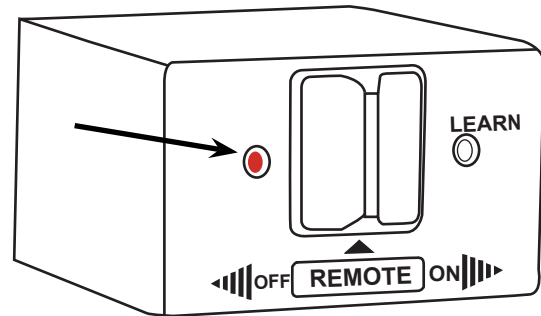
Each transmitter uses a unique security code. The receiver will learn up to three (3) security codes. It will be necessary to press and release the LEARN button on the receiver to accept the transmitter security code upon initial use or if a replacement transmitter is purchased from your dealer or the 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 a tip of a pencil, gently press and release the LEARN button inside the hole. When you release the LEARN button the LED light on the receiver will begin flashing every 1-second. Tap and release the top of the transmitter one time. The LED light ring will emit one green blink of light on the transmitter and the LED light on the receiver will flash quickly, indicating that the transmitter's code has been accepted. Each time the transmitter is pressed the receiver's LED light will flash once indicating it has received the command.

To "clear" the learn memory from the receiver, press and hold the learn button on the receiver for 10-seconds. The LED light will flash three (3) (long flashes) to indicate the memory is cleared.



Tap and release; Green light will blink



Watch for red light on receiver

BATTERY LIFE

Life expectancy of the AA Alkaline batteries in the receiver should be at least 12 months. Check and replace all batteries annually. When the transmitter no longer operates the remote receiver from a distance it did previously (i.e. transmitter's range has decreased) or the remote receiver does not function at all, the batteries should be checked. It is important that the remote receiver AA batteries are fully charged and provides continuous output voltage of a least 5.3 volts. The transmitter battery should operate with as little as 2.5-volts battery power, however it is capable of lasting up to 3 years.

TROUBLE SHOOTING

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

- Make sure the batteries are correctly installed in the RECEIVER. One reversed battery will keep receiver from operating properly.
- Check battery in transmitter to make sure it is installed with the (+) side up.
- See LEARNING TRANSMITTER TO RECEIVER section.
- Be sure Receiver and Transmitter is within 20-25-foot operating range.
- Keep receiver from temperatures exceeding 130° F. Battery life shortened when ambient temperatures are above 130° F.
- If receiver is installed in tightly enclosed metal surround, the operating distance will be shortened.

MOUNTING TRANSMITTER ON A SURFACE

The transmitter can be mounted with double sided adhesive tape (enclosed) or mounting screws (supplied) with this system. It can be mounted on a flat surface or a flat wall. **Note:** Tape may need to be trimmed.

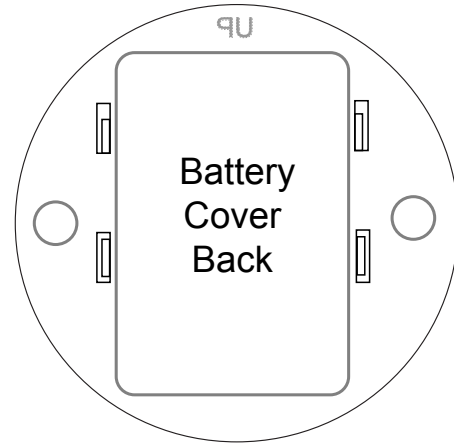
Double Sided Adhesive Tape Install: Peel one side of the double sided tape and apply it to the battery cover back. Remove the battery cover back from the transmitter and look for the letters UP. After tape is applied to the lid, peel the other side of the tape off and press the transmitter against a flat surface.

When installation is complete, align the letters UP on the battery cover with UP letters on the transmitter, then slide and lock the transmitter back into place.

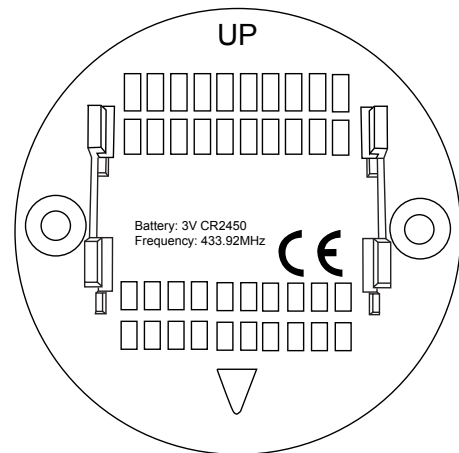
Mountng With Screws: When mounting the transmitter to a wall, remove the battery cover back from the transmitter and look for the letters UP.

Use the mounting screws as an additional method to secure transmitter to a surface. Clearance holes will need to be drilled in the battery cover then secure the screws with a Phillips hand screwdriver. **Note:** It is recommended not to use a power screwdriver. Secure the battery cover back into place with UP at the top.

When installation is complete, align the letters UP on the battery cover with UP letters on the transmitter then slide it into place a lock it.

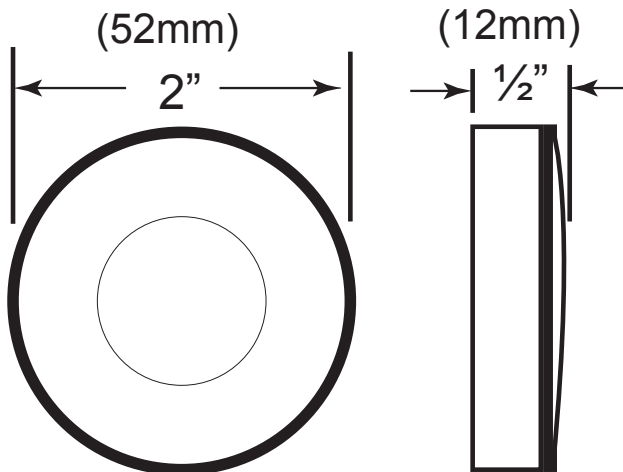


Outside of battery cover.



Inside of battery cover.

DIMENSIONS



Federal Communication Commission Interference Statement

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.

Note: 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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

RF Warning

The device has been evaluated to meet general RF exposure requirement. This equipment complies with FCC's RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna(s) must not be co-located or conjunction with any other antenna or transmitter.

IC Warning

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.

SPECIFICATIONS

BATTERIES: Transmitter 3V button cell (CR2450)

FCC ID No's: Transmitter K9L-7001TX

Operating Frequency: 433.92MHz

Remote Receiver 6V – 4ea. AA 1.5 Alkaline

Canadian IC ID No.'s: Transmitter 2439A-7001TX

For Technical Service, call:

U.S. INQUIRIES

(855) 498-8324 or (260) 459-1703

CANADIAN INQUIRIES

(877) 472-3923

Skytech Products Group

9230 Conservation Way

Fort Wayne, IN 46809

Sales: (888) 672-8929

Web site: www.skytechpg.com

MANUFACTURED EXCLUSIVELY FOR SKYTECH II, INC



LIMITED WARRANTY

1. **Limited Warranty.** Skytech II, Inc. ("Skytech") warrants that each new Skytech 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 materials and any workmanship under normal use, subject to proper installation ("Limited Warranty"). This Limited Warranty is non-transferrable and sets forth our sole and exclusive liability and the sole and exclusive remedies available in relationship to any non-conformity, defect or similar claim. This Limited Warranty only extends to the original retail purchaser of the System (the "Customer") and expires upon any sale or transfer of the home where the System is installed 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, 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. **Installation and Use of System.** Improper Installation, adjustment, alteration, service, or maintenance can cause property damage, personal injury, or loss of life. Thoroughly read the installation and operating instructions of this Control as well as the appliance it will be used in conjunction with as a system. If applicable, read the maintenance instructions before installing this control. 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.
4. **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 original 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 comparable 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.
5. **Warranty Claims; Skytech Service.** To submit a valid claim under the Warranty (each, a "Valid Claim"), a Customer must comply with the following:
 - a) Obtain a Return Material Authorization ("RMA") number from Skytech by calling (855) 498-8324; and
 - b) Provide written notice to a Skytech or an Authorized Dealer ("Dealer") and provide the Name, House Address, Email Address and Telephone Number of the Customer;
 - c) Describe the System model number and nature of the defect, nonconformity, or other problem with the System;
 - d) Provide such notice within thirty (30) days of discovery of such defect, nonconformity, or problem;
 - e) securely pack and ship the defective Skytech Product to Skytech II, Inc. ATTN: Warranty Department at 9230 Conservation Way, Fort Wayne, IN 46809. Customer assumes all costs and risks associated with transportation to Skytech (i) the RMA number is only valid for thirty (30) days from the date the RMA was issued, (ii) the RMA number should be clearly marked on the outside of each box being returned. Skytech may refuse shipments that DO NOT meet all of the Valid Claim requirements. 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. Compliance with these requirements is a condition to coverage under this Limited Warranty.

Skytech may refuse any shipment(s) that does not meet all of the Valid Claim requirements. 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 reasonable return shipment charges for any Skytech System returned whether or not Skytech determines 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 comparable 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 not including any service or labor cost associated with the installation or otherwise. 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. Skytech shall pay no refund before Skytech from the Customer receives the defective System, hardware, component and/or parts. 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. 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 any and all implied warranties, including any warranties of fitness for a particular purpose or merchantability

REV. 2-24-17



Print information and detach at dotted line for return to: Skytech, ATTN WARRANTY DEPT., 9230 Conservation Way, Fort Wayne, IN 46809
Telephone: (855) 498-8324

Warranty Information

Purchase Date: _____ Model: _____ Date Code: _____

Purchased From: _____

Customer Name: _____ Phone: _____

Address: _____

Email Address: _____

City: _____ State/Prov. _____ Zip/Postal Code: _____

Back of remote Date Code Sample

16	●	1	2	3	4	5	6
17		7	8	9	10	11	12

1-12 is Month remote was produced 15-
16 is Year remote was produced
Sample date code above is 1611

Please send a Proof of Purchase (original receipt) copy along with your Warranty form.