



## Acumen Model D

### Fireplace Remote Control Operating Instructions For The Homeowner

The Acumen Model D Remote Control is designed for use with decorative gas fireplace and wall heaters using a Millivolt gas valve.

#### BEFORE YOU BEGIN:

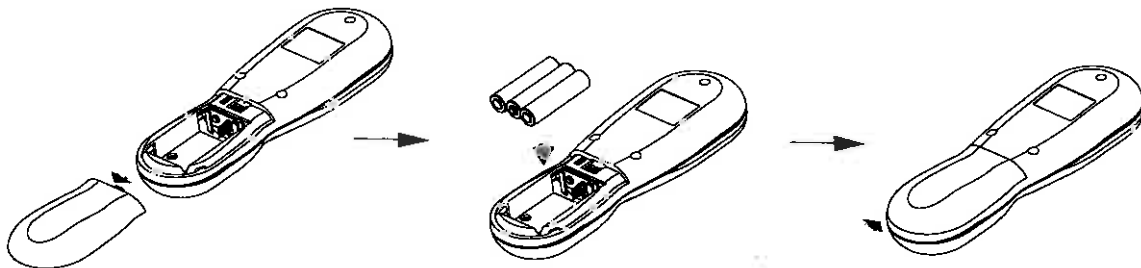
**Warning** The pilot flame must be lit, with the gas control valve turned to "ON", for the remote to work correctly. Read all of the safety precautions in the owner's manual included with your fireplace before using this remote control. The thermostat is not intended for unattended use.

#### INSTALLING FRESH BATTERIES:

**Note:** It is not necessary to re-set your private code when installing fresh batteries.

The fireplace **MUST** be OFF before replacing transmitter batteries.

#### INSTALL BATTERIES INTO TRANSMITTER:



Change Batteries At Least Every 6 Months.

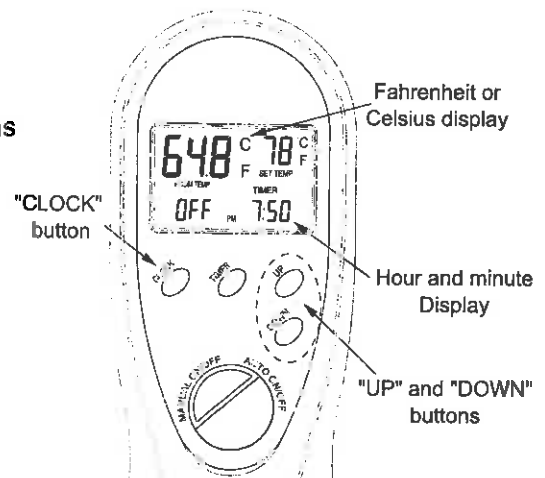
**WARNING: THE REMOTE TRANSMITTER WILL AUTOMATICALLY SWITCH OFF THE FIREPLACE WHEN THE BATTERIES IN THE REMOTE TRANSMITTER ARE LOW.**

#### TRANSMITTER OPERATION:

**WARNING: IT TAKES SOME TIME FOR THE RECEIVER TO RESPOND TO THE TRANSMITTER. DO NOT PRESS THE MANUAL OR AUTO ON/OFF BUTTONS MORE THAN ONCE WITH 2 SECONDS FOR CORRECT OPERATION.**

#### Set Real Time Clock

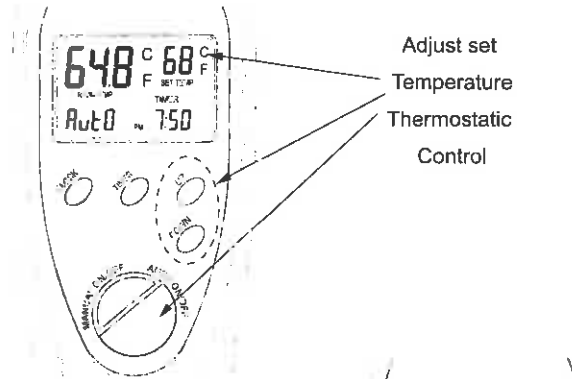
1. Press and hold the "CLOCK" button for 2 seconds.
2. The hour display will flash. Use the "UP" and "DOWN" Buttons to set the hour.
3. Press the "CLOCK" button again.
4. The minute display will flash. Use the "UP" and "DOWN" Buttons to select the minute.
5. Press the "CLOCK" button again.
6. The °F or °C display will flash. Use the "UP" and "DOWN" buttons to select Fahrenheit or Celsius.
7. Press the "CLOCK" button again. Programming is complete.



### Auto Mode

Auto mode works like a thermostat, turning the heater on and off to meet the desired temperature.

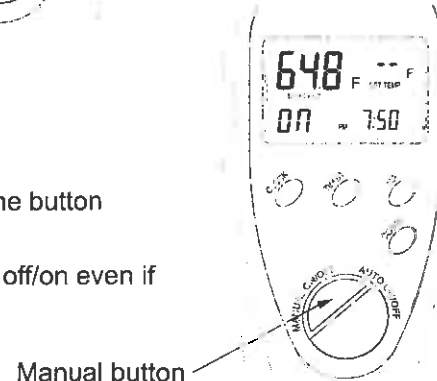
**CAUTION: THE REMOTE RECEIVER WILL AUTOMATICALLY TURN OFF THE FIREPLACE AFTER SIX HOURS OF UNINTERRUPTED OPERATION. PRESS AUTO ON/OFF BUTTON ON THE REMOTE TRANSMITTER TO RESET THE REMOTE CONTROL, THEN PRESS AUTO ON/OFF BUTTON AGAIN TO RESUME OPERATION.**



Adjust set  
Temperature  
Thermostatic  
Control

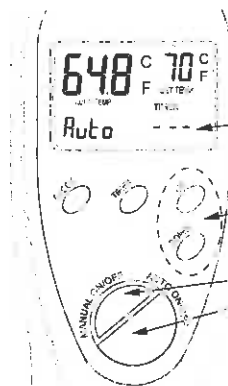
### Manual Mode

1. Press the Manual On/Off button once to light the fireplace. Push the button again to turn it off.
2. In Manual mode the Remote Transmitter will not turn the fireplace off/on even if the room temperature exceeds the target temperature.



Manual button

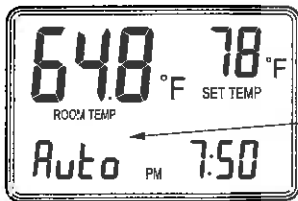
### Timer Mode



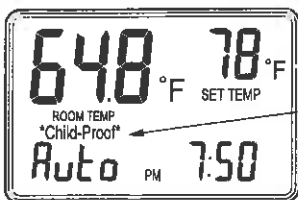
1. Press the "TIMER" button the "---" will start to flash.
2. Use the "UP" and "DOWN" buttons to set the Time.
3. Press Manual or Auto On/Off buttons to start the timer.

### Child-Proof Feature

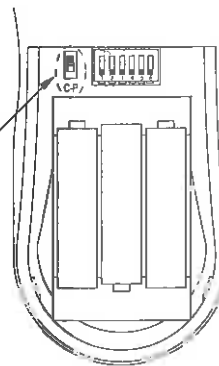
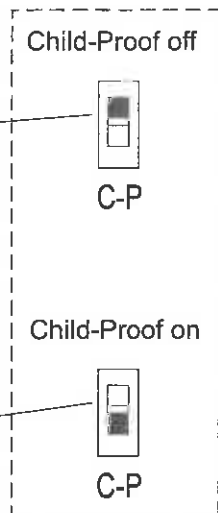
The Child-Proof switch disables the buttons on the front of the Remote. Thermostat and timer functions continue to operate.



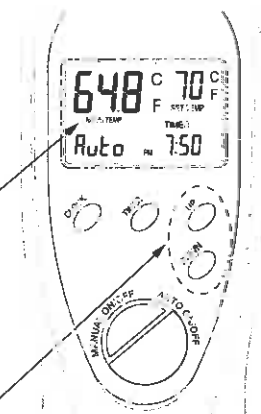
The words "Child-Proof" will disappear from the LCD.



The words "Child-Proof" appear here when Child-Proof feature is turned on.

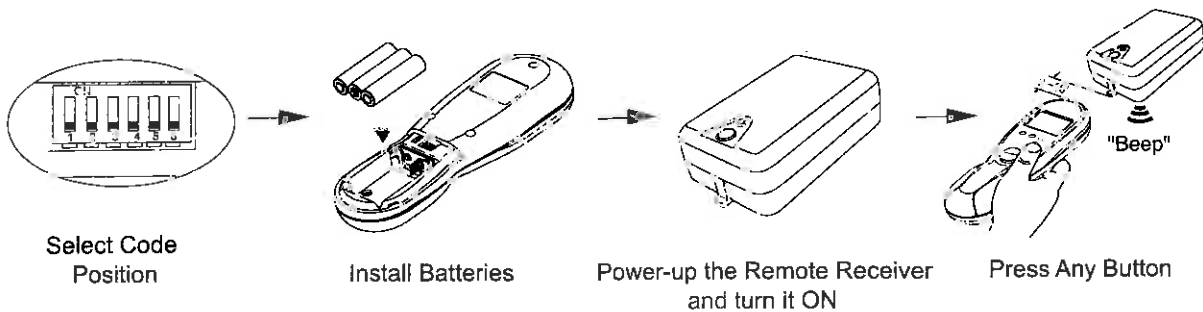


The "Child-Proof" will disappear from the LCD.



To unlock Child-Proof, press.  
UP DOWN DOWN UP DOWN

## SET PRIVATE CODE:



### FCC Requirements

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment. 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 receiver 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.

### Canadian Equipment Requirements

This digital apparatus does not exceed the (class A/Class B)\* limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques (de la class A/de la class B)\* prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

This device complies with RSS-210 of Industry and Science Canada. 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.

All wiring should be done by a qualified electrician and shall be in compliance with local codes and with the National Electric Code ANSI/NFPA No. 70-current ( in the United States ), or with the current CSA C22.1 Canadian Electric Code ( in Canada ).

# ACUMEN™

## Acumen Model D

### Fireplace Remote Control Installation Instructions

**PLEASE LEAVE THE INSTRUCTIONS TO THE HOMEOWNER.**

The Acumen Model D Remote Control is designed for use with decorative gas fireplace and wall heaters using a millivolt gas valve.

The Model D Transmitter is a six-button hand held transmitter, which turns the gas on/off or as a thermostat. The display of the transmitter shows the clock, current room temperature, target temperature, timer setting, on/off status, low battery indicator and "Child-Proof".

#### Installation Precautions:

The Model D Remote Control is tested safe when installed in accordance with this installation manual. It is your responsibility to read all instructions before starting installation and to follow these instructions carefully during installation.

The Model D Remote Control **MUST** be installed by a qualified service technician.

The Model D Remote Control is carefully engineered and **MUST** be installed only as specified. If you modify it or any of its components, you may possibly cause a fire hazard.

#### Installation Instruction

##### 1.0 Installing the Receiver

**WARNING: TURN ELECTRICAL POWER OFF AT THE CIRCUIT BREAKER BEFORE BEGINNING THIS INSTALLATION.**

1. Connect the wires to the TH and TPTH terminals of the Millivolt valve. See Figure 1.
2. In order to prevent the Remote Receiver from overheating, put a Heat shield (option item) above the Remote Receiver. See Figure 2.

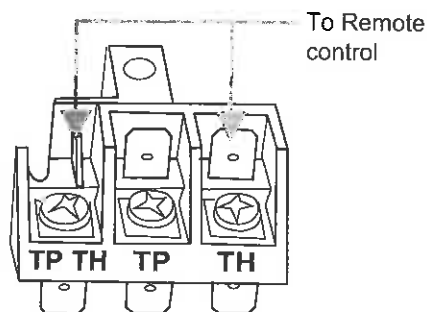


Figure 1

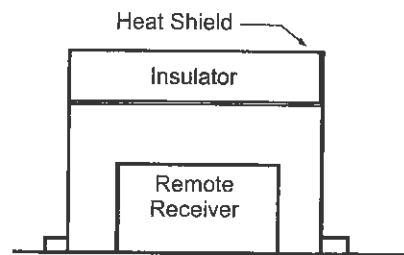


Figure 2

3. Turn the electrical power "ON" at the circuit breaker. The power input 110V AC 60Hz.
4. Follow the Lighting Instruction section in the fireplace instruction manual. Be certain that the pilot light is on and the gas control valve is in the "ON" position.

## 2.0 IMPORTANT SAFETY FEATURE:

You can set a private code into your system to prevent accidental operation by another transmitter nearby. See Figure 3.

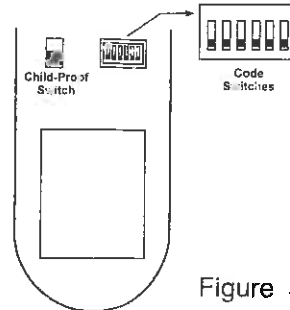


Figure 3

## 2.1 Coding Instructions:

1. Remove the cover on the back of the Remote Transmitter to expose the code switches. Slide the code switches to your choice of ON or OFF positions. **FACTORY SETTING IS ALL "OFF"**.
2. Remove power from the Remote Receiver by unplugging the power cord or power off at the circuit breaker.
3. Take the Remote Transmitter between two to ten feet from the Remote Receiver.
4. Power-up the Remote Receiver and use the manual Red button on the Receiver to turn it ON.
5. Install fresh 3 AAA alkaline batteries into the Remote Transmitter.
6. Press any button on the Remote Transmitter. The Remote Receiver will produce a 'beep' sound when it receives the code from the Remote Transmitter.
7. If you do not hear a 'beep' sound from the Remote Receiver, remove the batteries from the Remote Transmitter and power from the Remote Receiver. Wait for 1 minute and repeat step 2 to 6.
8. Replace the cover of the Remote Transmitter. The system is now ready to operate.

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# Fireplace Remote Control Installation Instructions

**PLEASE LEAVE THE INSTRUCTIONS TO THE HOMEOWNER.**

## 6HR SAFETY TIMER

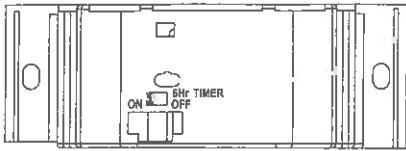
### **Enable - Timer Set to "ON"**

In case of Transmitter failure (Malfunction / Battery run out), The Receiver will shut down the fireplace automatically after 6Hr of no Transmitter signal detection.

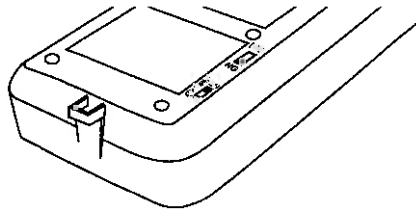
### **Disable - Timer Set to "OFF"**

The Receiver & Fireplace will continue to operate in the last setting and will not shut off automatically in case of Transmitter failure.

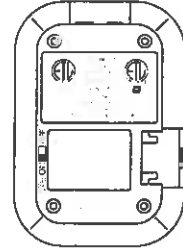
(Note: Not recommended)



(Low Profile DC Receiver)



RX-07(AC)



RX-04(AC)

	First 2Hr since last signal received	Following 4Hr	6 <sup>th</sup> Hr since last signal received
Receiver/Fireplace Status	ON	Alternate OFF (30min) / ON (20min), check for Tx signal	Shut down if no signal received