



## Acumen Model I

### Fireplace Remote Control-DC

## Installation and Operation instructions :

The Acumen Model I Remote Control is designed for use with decorative gas fireplaces and wall heaters. The Remote Receiver can either be installed inside the fireplace or in a wall mount.

The Model I transmitter is a two-button hand held transmitter, which turns the gas on or off. The display of the transmitter shows the current room temperature.

### 1 Installation Instruction

#### 1.0 Installation Precautions

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

The Model I 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.

#### FCC Requirements

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's 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 présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques (de la class A/de la class B)\* prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

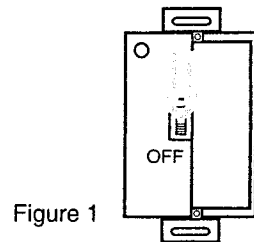
This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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

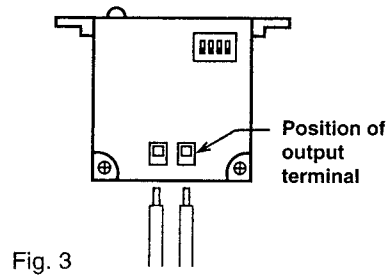
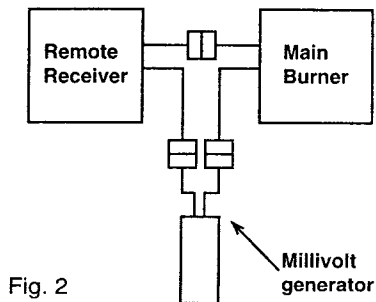
Do not connect 110 VAC to the gas control valve or on/off switch on gas heaters or the thermostat posts on pellet heaters.

**WARNING : TURN OFF THE GAS SUPPLY TO THE FIREPLACE BEFORE INSTALLING THE REMOTE RECEIVER.**

1. Make sure the slide switch on the Remote Receiver is at the OFF position. See Figure 1.

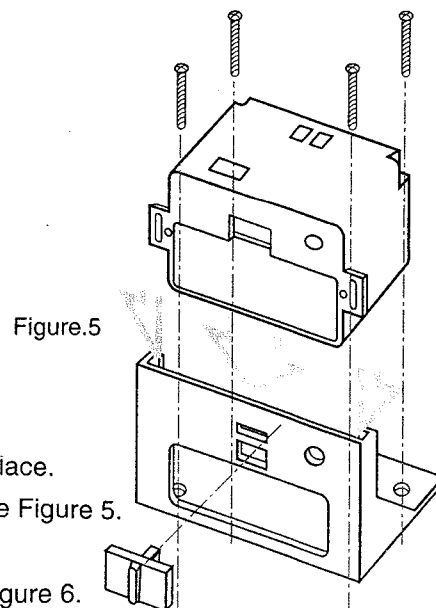
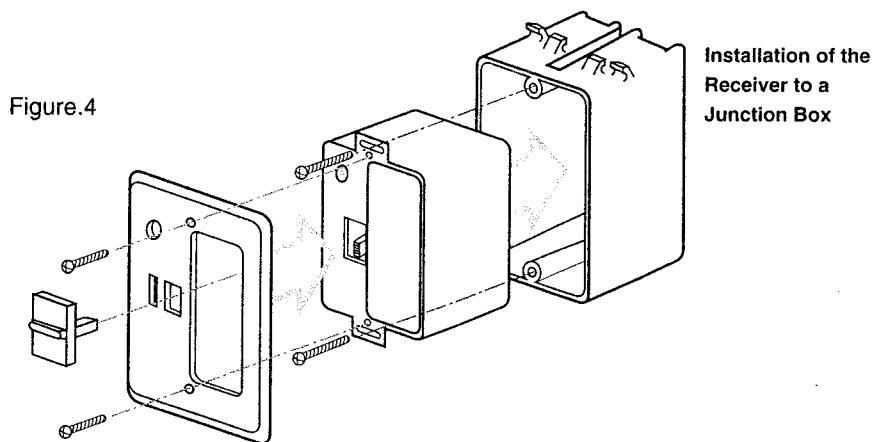


2. Connect the leads to millivolt generator and main burner to the output terminal of the Remote Receiver as shown in Figure 2 and 3. Use wires provided.



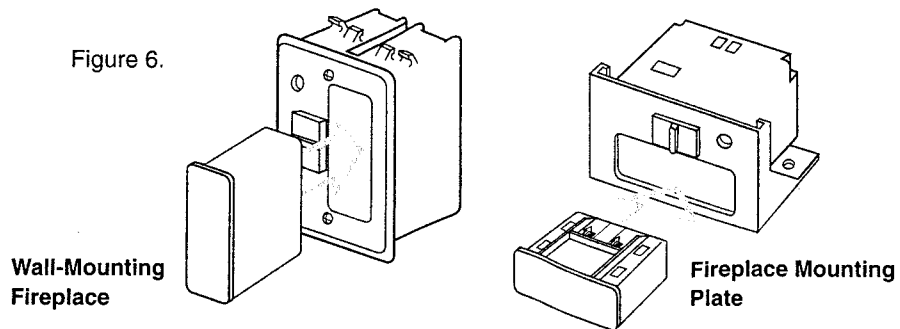
### Installing the Remote Receiver to a Wall Mount :

1. Secure the Remote Receiver to the wall mount.
2. Use the screws provided to secure the face blade to the Remote Receiver. See Figure 4.

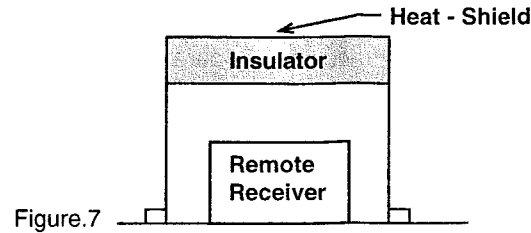


### Installing the Remote Receiver to a Fireplace :

1. Secure the Fireplace Mounting plate to the base pan of the fireplace.
2. Slide the Remote Receiver into the fireplace mounting plate. See Figure 5.
3. Put the switch cap to the slide switch.
4. Slide the battery compartment into the Remote Receiver. See Figure 6.



5. In order to prevent Remote Receiver (Fireplace Installation only) from overheating, put a Heat Shield (option item) above the Remote Receiver. See Figure 7.



## Operation Instructions :

### 2.1 Transmitter Operation

1. Press the On button once to turn on the fireplace.
2. Press the Off button once to turn off the fireplace.

**NOTE: PLEASE NOTE IT WILL TAKE ABOUT 1 SECOND FOR THE REMOTE RECEIVER TO RESPOND TO THE TRANSMITTER. THE USER SHOULD NOT PRESS THE BUTTONS ON THE TRANSMITTER MORE THAN ONCE WITHIN 2 SECONDS FOR CORRECT OPERATION.**

### 2.2 Receiver Operation

The Remote Receiver has 2 operation modes. They are On and Remote modes.

#### 2.2.1 On Mode

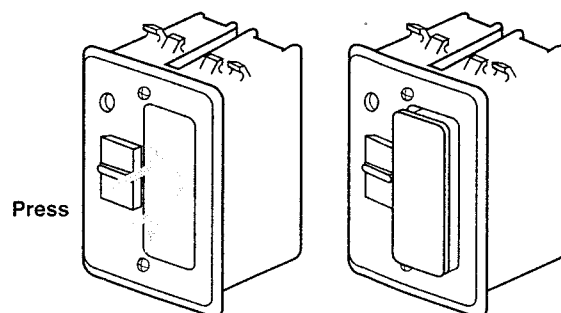
1. In the On mode the Receiver will turn on the fireplace.
2. The Receiver will not respond to the Transmitter in On mode. The user has to slide the slide switch to the Off or Remote position in order to turn off the fireplace.

#### 2.2.2 Remote Mode

1. The Receiver will respond to the Transmitter and turn the fireplace on and off.

### 2.3 Changing Batteries

1. Slide the slide switch to Off position.
2. Press the battery compartment slightly into the Remote Receiver and then release. The battery compartment will pop out of the Remote Receiver. Figure 8.



3. Slide open the battery door and replace batteries.
4. Replace the battery door and slide the battery compartment back into the Remote Receiver.

## 2.4 Batteries

1. The Remote Transmitter uses 3 AAA-size batteries. Replace these batteries at least every 6 months.
2. The Remote Receiver uses 4 AA-size batteries. Replace these batteries at least every 6 months or when the low battery indicator flashes.
3. After you take out the batteries, wait for at least 1 minute before putting fresh batteries into the Remote Transmitter/Receiver.
4. Use only fresh alkaline batteries.

## 3. IMPORTANT SAFETY FEATURE

You can set a private code into your system to prevent accidental operation by another transmitter nearby. See Figure 9.

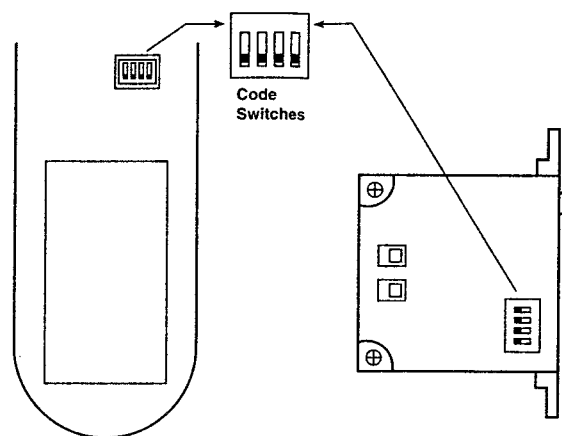


Figure 9.

### 3.1 Coding Instructions

Remove the cover on the back of the Remote Transmitter and expose the code switches. Slide the code switches to your choice of ON or OFF position. **FACTORY SETTING IS ALL 'OFF'**.

There are also code switches on the Remote Receiver. Slide the code switches to exactly match the settings on the Remote Transmitter.

Replace the cover of the Remote Transmitter. The system is now ready to operate.