



## Model Johnson Gas - RF

### Fireplace Remote Control Operating Instructions For The Homeowner

The J.G. Control is designed for use with decorative gas fireplace and wall heaters using SIT gas valve and 2<sup>nd</sup> flame valve.

The J.G. Control display shows the clock, current room temperature, target temperature, timer setting, Auto, ON/OFF status and low battery and fan, "\*\*Child-Proof\*\*".

#### Installation Precautions:

The J.G. 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 J.G. Control MUST be installed by a qualified service technician.

The J.G. 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.

#### 1.0 Remote Receiver Installation:

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

#### 2.0 Operation Instructions:

1. The Control has five operating modes, they are: 2<sup>nd</sup> flame, Auto, Timer, Flame and Fan Adjustment.
2. You can only operate the Flame and Fan Adjustment modes in Auto Mode.

#### 2.1 Fireplace Control Operation:

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

##### A. Auto Mode: See Figure 1.

1. Set the desired target temperature.
2. Press the AUTO ON/OFF button once to activate the Auto mode. Please make sure the target temperature is higher than the room temperature before activation the Auto mode.
3. In Auto Mode the Remote Transmitter will automatically turn on the heater when the room temperature is below the target temperature and turn off the heater when the room temperature is above the target temperature.
4. You can use 2<sup>nd</sup> FLAME button to turn the 2<sup>nd</sup> Flame in ON or OFF.

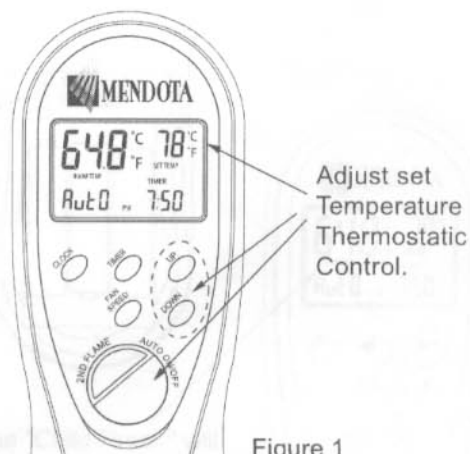


Figure 1

**WARNING: IT TAKES SOME TIME FOR THE RECEIVER TO RESPOND TO THE TRANSMITTER. DO NOT PRESS THE AUTO BUTTON MORE THAN ONCE WITH 2 SECONDS FOR CORRECT OPERATION.**

**B. Timer Mode:** See Figure 2.

1. Press the TIMER button.



2. Use the UP and DOWN button to set the Timer.

3. Press AUTO ON/OFF button to start.

Figure 2

**C. Fan and Flame Mode:** See Figure 3 and 4.

You can only operate the Flame and Fan Modes in Auto Mode.

1. Press AUTO ON/OFF button to start.



Figure 3

2. Press the FAN button and use the Up and Down arrow to adjust the Fan speed to Low, Middle, High or Off.

1. Press AUTO ON/OFF button to start.

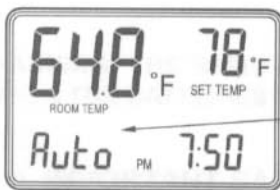


Figure 4

2. Press the 2<sup>nd</sup> FLAME button once to turn the 2<sup>nd</sup> Flame on, Press the button again to turn it Off.

**D. Child-Proof Function :** See Figure 5.

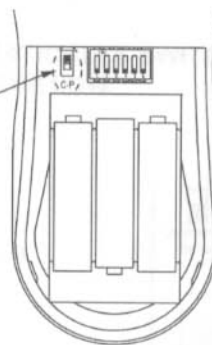
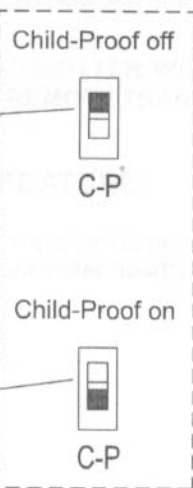
The Child-Proof switch disables the buttons on the front of the Remote. Thermostat and timer functions continue to operate.



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



Figure 5

**E. Setting (clock and Unit of Temperature):**

See Figure 6.

1. Press and hold CLOCK button for about 2 seconds.
2. The hour display will flash. Use the UP and DOWN buttons to set the hour.
3. Press the CLOCK button again and the minute display will flash. Use the UP and DOWN buttons to set the minute.
4. Press the CLOCK button again and the °F or °C display will flash. Use the UP and DOWN button to select the Remote Transmitter to display temperature in °F or °C.
5. Press the CLOCK button again to exit setting.

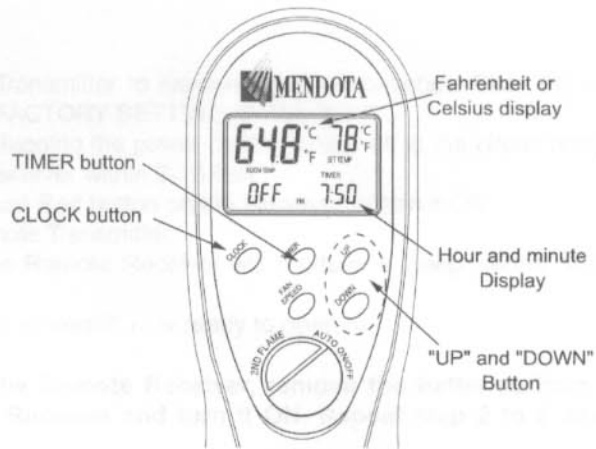


Figure 6

**F. Batteries:** See Figure 7.

1. The Remote Transmitter uses 3 AAA-size batteries. Replace these batteries at least every 6 months or when the Low battery indicator on the LCD is on.
2. After you take out the batteries, wait for at least 1 minute before putting fresh batteries into the Remote Transmitter.
3. Use fresh Alkaline batteries only.

**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:**

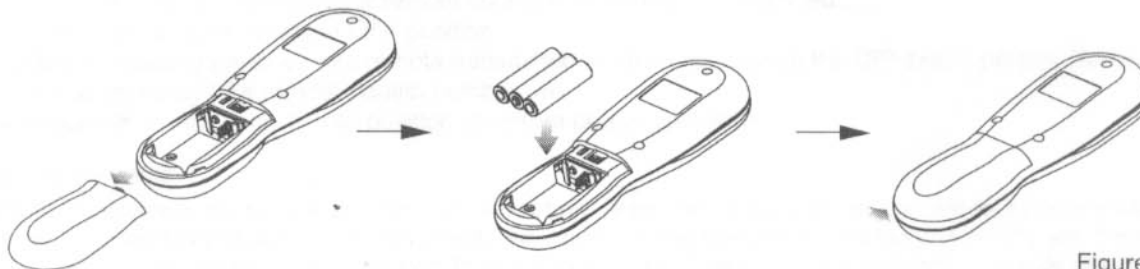


Figure 7

**Change Batteries At Least Every 6 Month**

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

**3.0 IMPORTANT SAFETY FEATURE:**

You can set a private code into your system to prevent accidental operation by another transmitter nearby. See Figure 8.

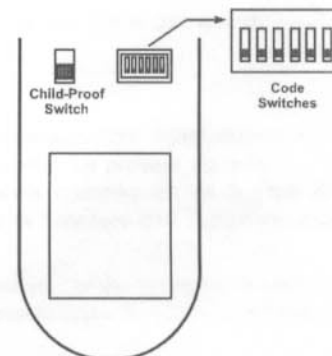


Figure 8

### 3.1 Coding Instructions: See Figure 9.

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. Keep the Remote Transmitter and the Remote Receiver within 2-10 feet.
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. Replace the cover of the Remote Transmitter. The system is now ready to operate.

**Note:** If you do not hear a 'beep' sound from the Remote Receiver, remove the batteries from the Remote Transmitter and Power-up the Remote Receiver and turn it ON. Repeat step 2 to 6 after 1 minute.

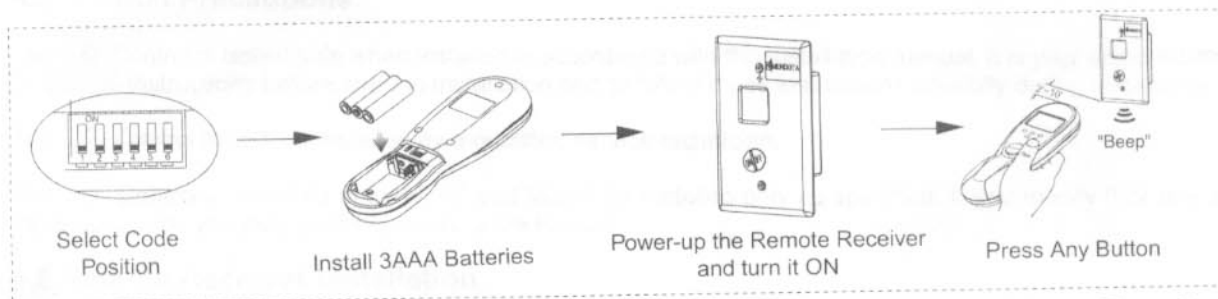


Figure 9

**Caution:** When installing more than one remote control within 30 feet, you must use a separate coding for each remote control.

1. Follow the set-up procedure for remote control number one as described.
2. Turn receiver number one to OFF position.
3. Before installing batteries into remote transmitter number two, change the DIP switch pattern. Follow the set-up procedure for remote control number two.
4. Return all receivers to remote position to ensure proper operation.

#### 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 to 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 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).