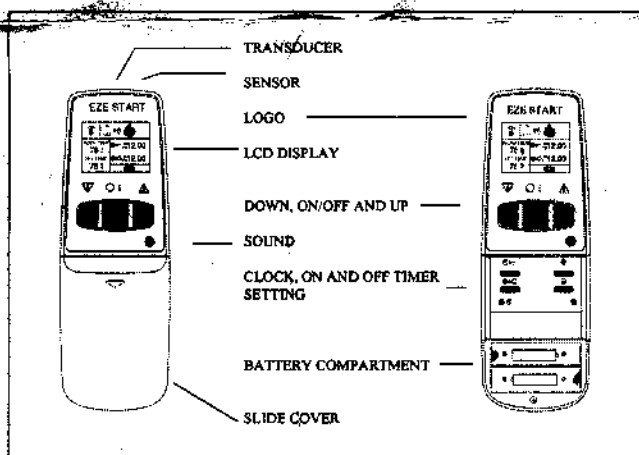


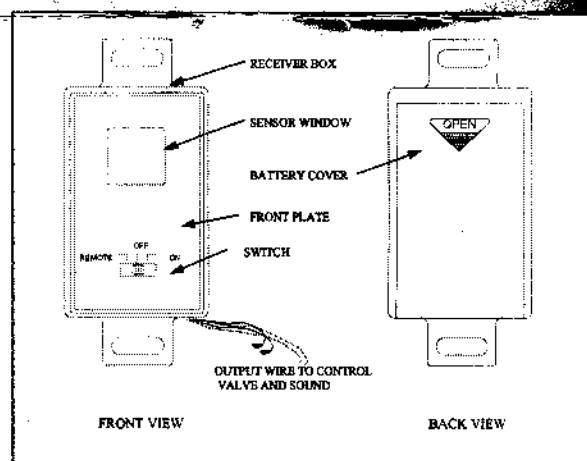
IRRC-300S TEMPERATURE REMOTE CONTROL OPERATING INSTRUCTIONS

COMPONENTS

• TRANSMITTER



• RECEIVER



PRECAUTIONS

- Do not expose transmitter directly to intense light, such as direct sunlight, it may affect the remote functions.
- Do not put transmitter close to hot and/or damp place, it may fade the surface of transmitter or damage the transmitter.
- Do not drop or shake the transmitter, it may damage the transmitter.
- When installing or servicing your fireplace or log set, when you are absent from your premises (i.e. on vacation etc.,) or as a child-safety feature, turn the three position switch on the receiver to the OFF position. This will ensure that the unit and the fireplace are inoperable in your absence.
- When the transmitter is on, directing it at the receiver will give the best operation.

INSTALLATION

RECEIVER

The receiver has four output wires: the red and white wires, connect to the gas valve; the black and blue wires connect to the Fire Crackler System (optional). **In order for the remote control to function properly, the receiver/receiver eye has to be installed within line of sight of the transmitter.**

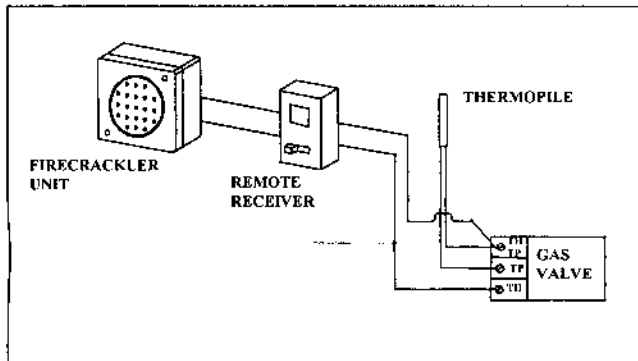


Fig.1

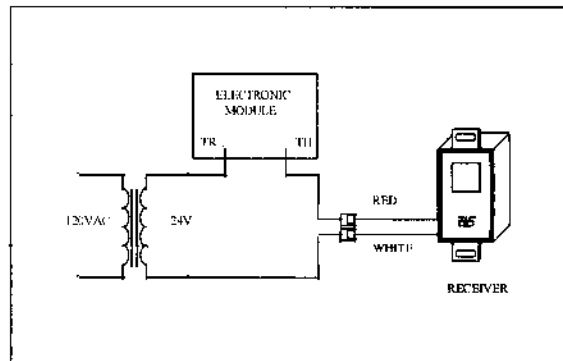


Fig.2

1. Wiring a millivolt gas valve (Fig.1)

The RED and WHITE output leads should be connected to the gas valve millivolt terminals (TH and TH/TP). It does not matter which wire goes where, as it is a non polarized circuit. TH should have all other wires removed.

2. Wiring direct spark ignition systems (Fig. 2)

In case of a 24 volt direct spark ignition system , wire as shown in Fig. 2.

CF5: FIRE CRACKLER SOUND SYSTEM (optional)

The Firecrackler Sound System has been designed to simulate the sound of a real wood fire. Place your Firecrackler behind cover or a filigree of fireplace or place the Firecrackler on the hearth of gas log.

BATTERY


Transmitter

1. Open the cover in ▼ (shown on the cover) direction.
2. Place two 1.5-volt AAA batteries in battery compartment. Be sure of the polarity.
3. Put the cover back.





Receiver

1. Open the cover on the back of the receiver in ▼ (shown on the cover) direction.
2. Place four 1.5-volt AA batteries in battery compartment. Be sure of the polarity.
3. Put the cover back.

Notes:

1. For best operation, please use alkaline battery.
2. When changing batteries, be sure both are of the same type.
3. When the battery indicator  is flashing, it means that the batteries are low and need to be replaced.




CLOCK SETTING

1. Press CLOCK SET () button, "AM," or "PM" will start flashing.
2. Press UP/DOWN (, ) button, to set the right time. The time change will be faster, if these buttons are held down.
3. Press () button again to confirm. Sign (:) flashing means clock working.


Note: When ON/OFF timer is on display, clock cannot be set.

BASIC OPERATIONS

• ON OPERATION

1. Directing transmitter to receiver, press (), LCD will display "ON" . The receiver will respond with a beep. **When remote is on , it will turn main burner on/off according to the set temperature and a fire symbol on LCD will indicate main burner on/off.**
2. Press UP/DOWN (, ) button to set room temperature. Setting temperature range: 60 °F (16 °C) to 95 °E.(35 °C).
3. When fireplace or gas log is on, you can turn on sound, or other optional functions.

• OFF OPERATION





Press (), the fire will be off. LCD will display "OFF" and fire symbol will be off.

Notes:






1. When ON/OFF timer is set, OFF operation does not affect the ON/OFF timer setting.
2. All other functions are controlled by fire on/off. When fire is on, other functions can be controlled.

ON/OFF TIMER SETTING

• ON TIMER SETTING

1. Press ON TIMER ( ) button, on timer symbol will flash.
2. Press UP/DOWN (, ) button, setting right time (10 minute intervals).
3. Press (SET/C) button, to confirm setting.
4. LCD display will show ON timer. The **control** will turn on at the "ON time" set.
5. Press (SET/C) button again, setting will be cancelled.

• OFF TIMER SETTING

1. Press OFF TIMER (  ) button, off timer symbol will flash.
2. Press UP/DOWN (, ) button, setting right timer (10 minute intervals).
3. Press (SET/C) button to confirm setting.
4. LCD display will show OFF timer. The **control and fire** will turn off at the "OFF time" set.
5. Press (SET/C) button again, setting will be cancelled.

• COMBINATION OPERATIONS

Remote On/Off, ON timer and OFF timer can be combined to get different combination operations:

1. <On - OFF timer > combination:

when the **control** is on, you can program a time to turn the **control** off.

2. <Off - ON timer > combination:

when the **control** is off, you can program a time to turn the **control** on.

The fire comes on only if the set temperature is higher than room temperature.

3. < On - OFF timer - ON timer > combination:

when the **control** is on, you can program a time to turn it off and another time to turn it on.

4. < Off - ON timer - OFF timer > combination:

when the **control** is off, you can program a time to turn it on and another time to turn it off.

Note: Only one ON/OFF setting can be set in a 24-hour period. Press the SET/C button, to cancel all settings. When the control turns off, the fire also turns off. **SAFETY FEATURE:** The timer settings are retained but must be re-activated using the timer ON, SET/C and OFF, SET/C every 24- hours.

TROUBLE SHOOTING

If you are having a problem with the operation of your new remote control, we suggest the following checklist:

PROBLEM	POSSIBLE CAUSE/REASON	SOLUTION
Remote control does not work at all	Weak batteries in the transmitter and/or receiver unit Wiring of the receiver unit to the gas valve may be incorrect Transmitter not pointing at the receiver.	Check for low battery indication on the transmitter & replace with 2 new 1.5 volt AAA alkaline batteries. Check batteries in the receiver and replace with 4 new 1.5 volt AA batteries The red and white wires should be connected: 1. To the millivolt terminals (TH & TH/TP) of a millivolt gas valve. 2. In series with the 24 volt power supply & the valve in a 24 volt system. Place the transmitter flat pointing at the receiver.
Remote control works only at a short distance from fireplace.	Weak batteries in either transmitter and or receiver unit. Receiver is not installed within line of sight of transmitter	Check and replace batteries. Re-install receiver

WARRANTY

This product is warranted for a period of 5 years after the date of purchase or installation to the original purchaser against defective material and workmanship. The manufacturer's sole liability under this warranty is limited to repair or replacement of the product. The warranty is void if the control fails to operate as a result of damage caused by abuse, misuse, and inadequate or improper installation. The manufacturer or seller is not responsible for any expense, liability, damage, inconvenience or consequential damage caused by the use or misuse of the product. The purchaser assumes all liability and holds harmless the manufacturer and its seller, in respect of all losses.

If you have any questions or require help with the installation and or operation of your remote control, please contact us:

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