

Desa Heating LLC

Proflame Series Operation

Control Components

Desa Proflame units, LMFP33 and LDL39 series have two integral control components – the remote and the receiver unit.



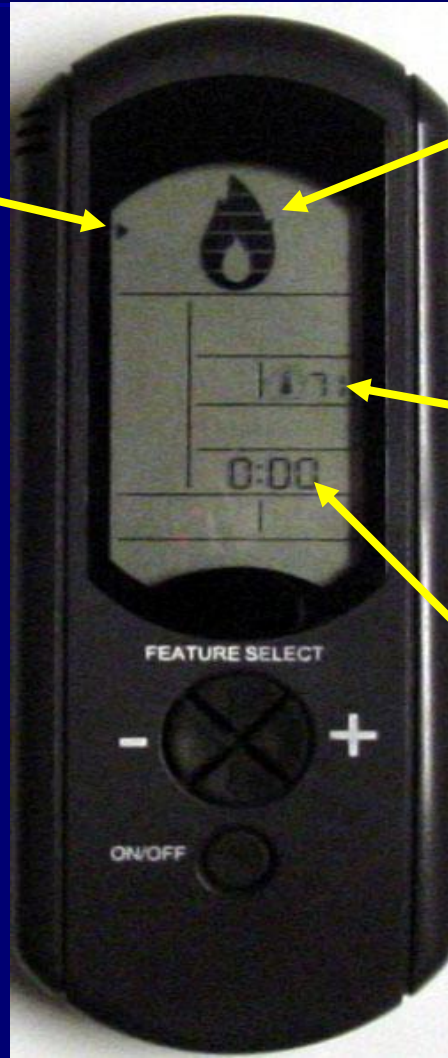
Remote Control



- Allows adjustment of BTU output (flame height)
- Allows thermostatic operation of the heater.
- Allows sleep timer operation in 15 minute intervals up to 90 minutes.

Remote (cont.)

■ Indicator



■ BTU/Flame height control

■ Thermostatic Function

■ Timer function

Remote (cont.)



- Uses three "AAA" batteries.
- Programmable addresses to avoid conflict with other remote devices

Receiver



- Connects to gas valve stepper motor to control BTU output.
- Dip switches to control address (must match with corresponding remote).
- Auto/Man switch to allow for non-remote operation

Receiver (cont.)



- Powered by four “AA” batteries.
- Beep codes to indicate “working” or “low battery.”

Troubleshooting

If the remote does not come on when the power button is pressed, replace the batteries.



Troubleshooting (cont.)

- IF the remote appears to be working, but you get no reaction from the heater:

1) Check the batteries in the receiver and replace as needed



Troubleshooting (cont.)

2) Check the dip-switch settings on the receiver:

- a. Locate the receiver in your heater.
- b. Remove the receiver and turn to the side with the eight dip switches, labeled "address."
- c. Check that switches "1" and "3" are up while the rest are down
- d. Remove one battery for fifteen seconds and replace in order to reset the receiver.



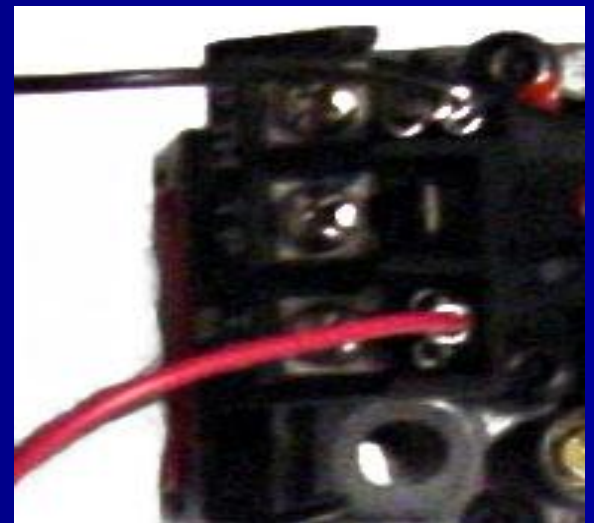
Troubleshooting (cont.)

- 3) Check the code in the remote by:
 - a. Move the indicator to the timer using the down button.
 - b. Press the minus button ten times or until the remote goes blank.
 - c. Press the up or down key to change the given code to "005".
 - d. Press the minus key once more.



Troubleshooting (cont.)

- If everything seems to be working and yet the unit still does not operate, check the wiring from the receiver to the valve. Look for any exposed wire, breaks, or burns.



Troubleshooting (cont.)

If the remote is showing "AUX"

- a. Move the indicator to the timer using the down button
- b. Press the minus button ten times or until the remote goes blank – the remote enters set-up mode.
- c. Press the ON/OFF button five times - this removes the "AUX" Functions.
- d. Press the minus button once more – this returns the remote to normal operation



Troubleshooting (cont.)

If the remote is in Celsius

- a. Move the indicator to the timer using the down button.
- b. Press the minus button ten times or until the remote goes blank.
- c. Press the plus button once.
- d. Press the minus button once more

