# REM300-HNG-AU

## *IntelliFire Plus™ Multifunction Remote Control System*

Operating Instructions

HEAT & GLO
No one builds a better fire

### Specific Information

The **REM300-HNG-AU** remote control system functions include: On/Off, Thermostat Mode, Timer Countdown, Fan control and two Aux functions.

### Programming REM300-HNG-AU to Control Module

***CAUTION! Risk of burns!*** *DO NOT program the remote control to the control module when fireplace is hot.*

- Verify the ON/OFF/REMOTE switch is in the REMOTE position. Green LED light will blink three times and wall switch will beep once 5 seconds later when ready. See Figure 7.
- Using a small item (such as a paper clip) press and release the LEARN button located near the ON/OFF/REMOTE switch. See Figure 7.
- Control module will beep once and LED will blink green for 10 seconds.
- While the LED is blinking, press the POWER button on the remote control. A double beep will come out of the control module to indicate that it has been programmed successfully.

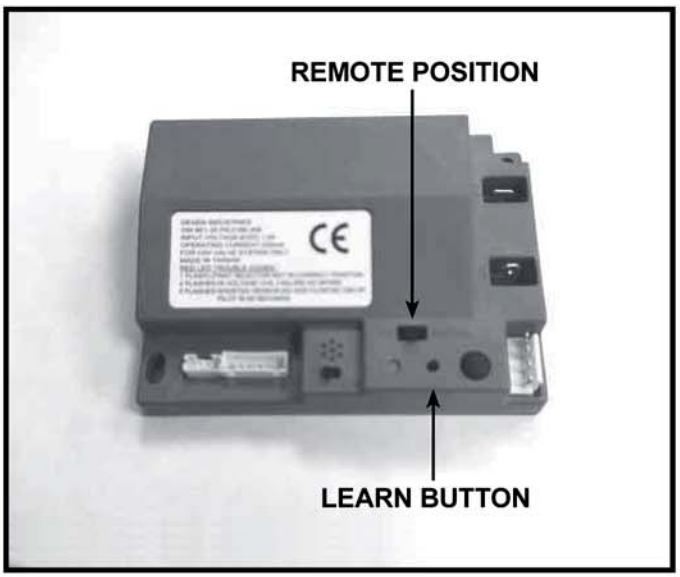



**Figure 7. Programming RC300AU**

To clear memory in the control module, use a small item (such as a paper clip) to press and release the LEARN button. Control module will beep once and LED will blink green for 10 seconds **DO NOT** press any buttons on the remote during the ten seconds that the green LED blinks. The memory will be cleared. Note that the RC300AU will not be programmed if it's in STANDBY mode. Press the ON/OFF button twice to switch to IDLE mode.

### Display Screen

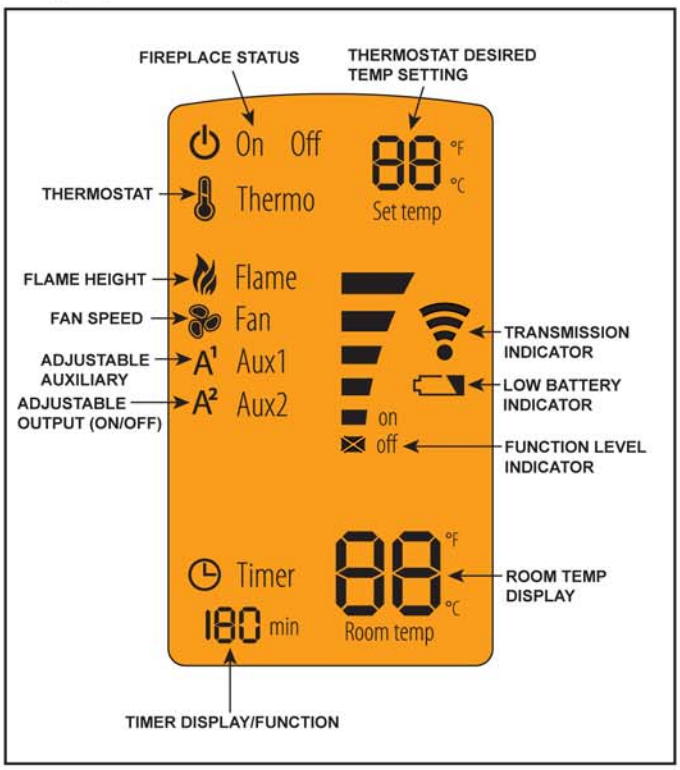



**Figure 9. RC300AU Display Screen**

### Function Buttons

Use POWER button to turn the unit on and off.

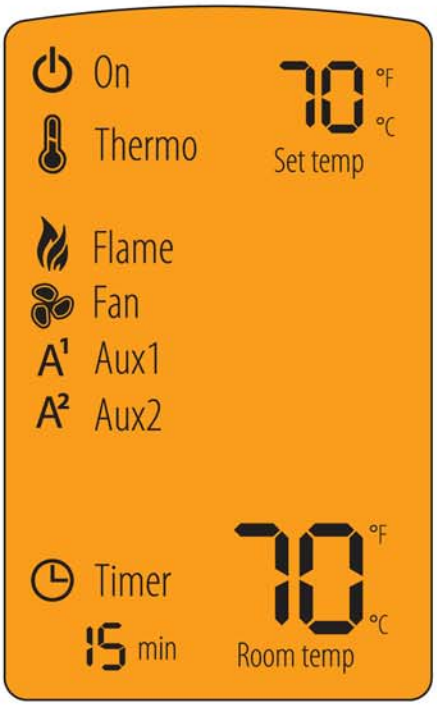
**Menu** Use MENU button to display the menu functions. Only functions that can be activated will be displayed. *For example: Flame Height will not be displayed when the remote status is OFF.*

**Select** Use the SELECT button to select the current feature.

∧ ∨ Use the UP and DOWN arrows to toggle through the menu functions and value selections in the submenus.

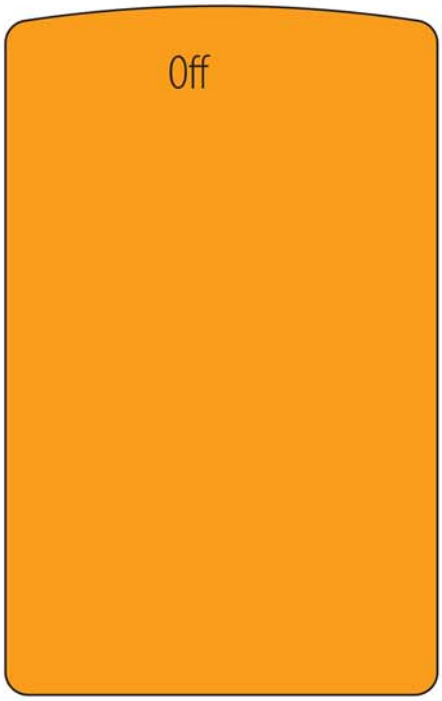
## Idle When Remote is in ON Mode

The remote control will go into an idle mode if no buttons are pressed within 5 seconds. Press any button to resume full functionality. In idle mode only active functions will show on the screen.




## Standby mode

The remote control will go into a standby mode if no buttons are pressed within 5 minutes. Press the POWER button to reactivate the remote control to ON mode. Active functions will be displayed




## About ON Mode

- All functions can be accessed when the remote control is in the ON mode.
- Only active functions will be displayed when the remote control is in the ON mode. For example: if the fan is the only function that's active, the fan icon and flame will be the only icon shown in the display.

## About OFF Mode

Only the following functions can be accessed in the OFF mode:

• AUX1 • AUX2

Only active functions will be displayed when the remote control is in the OFF mode.

## Turning ON the Fireplace

- Press and hold the POWER button for 5 seconds to turn the fireplace ON. The fireplace will first ignite the pilot. Once the pilot flame is established the main burner will be lit.

***NOTICE:*** *Whenever the fireplace is cycled from OFF to ON, the main burner will light on high for 10 seconds before returning to the previous user setting.*

## Adjusting Flame Height (not applicable to COSMO XLR)

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **FLAME** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to adjust the **FLAME HEIGHT**, then press **SELECT**. The **FLAME HEIGHT** can be adjusted to 5 different settings.

***NOTICE:*** *FLAME HEIGHT will not be adjustable for first ten seconds when fireplace is turned on.*

***NOTICE:*** *The system will remember the previous FLAME HEIGHT setting and will automatically adjust after 10 seconds.*

## Adjusting Fan Speed

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **FAN** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to adjust the **FAN SPEED**, then press **SELECT**. The **FAN SPEED** can be adjusted to 3 different settings: HIGH, MEDIUM, LOW.

***NOTICE:*** *The fan has a timer built into the control module. After the fireplace is turned ON the timer will wait for 7 minutes before turning on the fan. In addition, the fan will remain on for 12 minutes after the fireplace has been turned OFF.*

***NOTICE:*** *Whenever the fan is turned ON, the FAN will start up on the high setting for 10 seconds before adjusting to the previous user setting.*

## AUX1 Function (Unit dependent Function)

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **AUX1** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to adjust the **AUX1** output, then press **SELECT**. The **AUX1** function can be adjusted to 4 different settings: HI, MED, LOW and OFF.

## AUX2 Function (Unit dependent Function)

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **AUX2** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to turn the **AUX2 ON** or **OFF**, then press **SELECT**. The **AUX2** function can be either be turned **ON** or **OFF**.

***NOTICE:*** *The system will remember the previous AUX1 and AUX2 setting from the menu. However, when the fireplace is turned OFF both AUX1 and AUX2 will be turned off. AUX and AUX2 can be activated when the flame is off from the remote's OFF mode. When the fireplace is turned back ON the AUX1 and AUX2 settings will be restored to the previous ON setting.*

## Adjusting Thermostat

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **THERMO** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to turn the **THERMO ON** or **OFF**, then press **SELECT** (the **SET TEMP** will start blinking). Using the **UP** and **DOWN** arrows select the desired temperature and press **SELECT**.

***NOTICE:*** *If the THERMO function is on, the SET TEMP can be adjusted at any time by pressing the UP and DOWN arrows.*

***NOTICE:*** *As the ROOM TEMP (RT) approaches SET TEMP (ST), the remote system will automatically adjust the flame height. If the RT rises above ST, the fireplace will shut down the main burner. After this, the fireplace will turn back on after the RT drops below the ST.*

***NOTICE:*** *The system will remember the previous TEMPERATURE setting when THERMOSTAT mode is cycled ON or OFF.*

***NOTICE:*** *If your installation includes an optional wired ON/OFF wall switch, it should be in the OFF position when using the RC300AU in thermostat mode.*

## Adjusting Timer

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **TIMER** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to turn the **TIMER ON** or **OFF**, then press **SELECT**. Using the **UP** and **DOWN** arrows select the desired set time and press **SELECT**. Timer operates in increments of 15, 30, 45, 60, 90, 120 and 180 minutes.

## Power Outage

- If fireplace battery backup system IS installed at time of power outage, fireplace operation will not be interrupted.
- If fireplace battery backup system IS NOT installed at time of power outage, fireplace will shut off. To resume fireplace operation, install battery backup.

***NOTICE:*** *Battery polarity must be correct or module damage will occur.*

## Manual Fireplace Shutoff

The fireplace may be manually shut down by one of the following methods:

**Turn off the control module:**

- Open or remove the decorative front to access the control module.
- Move switch to OFF (See Figure 7).

**Disconnect power to the control module:**

- Open or remove the decorative front to access power cord to the junction box and/or back-up batteries.
- Unplug the control module and/or remove back-up batteries.

**Shut off gas to the control:**

- Open or remove the decorative front and locate the gas shut-off valve to the left of the gas control.
- Rotate the valve 90 degrees to turn off gas supply.

**Turn off power to the fireplace (if back-up batteries are not installed):**

- Locate house circuit breaker for fireplace.
- Turn off the circuit breaker.