RC300

IntelliFire Plus™ Multifunction Remote Control

Operating Instructions - Quick Reference Guide

HEARTH&HOME technologies™

NOTE: For additional information, refer to the RC300 Installation and Operating Instructions or visit www.fireplaces.com/rc300demo to view the RC300 demo video.
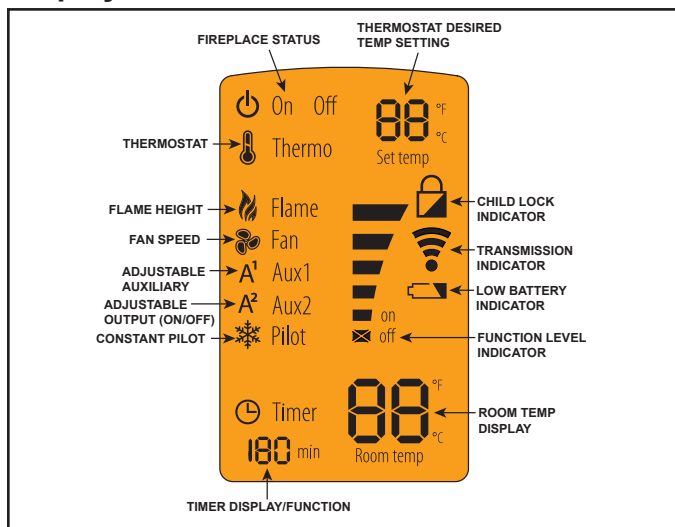
Display Screen

Figure 1. RC300 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:

• A^1 AUX1

• A^2 AUX2

• ❄ Constant Pilot

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

Turning On the Fireplace

• Press the POWER button 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

- 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 is controlled by a timer built into the control module. After the fireplace is turned ON the timer will wait for 3 minutes before turning on the fan. In addition, the fan will remain on for 12 minutes after the fireplace has been turned OFF.

NOTICE: The FAN will start up on the high setting for 10 seconds before adjusting to the previous user setting.

AUX1 Function (Unit dependent Function) A¹

- 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) A²

- 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. AUX1 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 requires a two degree Fahrenheit or higher temperature difference between RT and ST for the fireplace to turn on.

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

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.

Activating/Deactivating Constant Pilot

- Press the **MENU** button to activate the menu.

- Using the **UP** and **DOWN** arrows highlight the **PILOT** icon and press **SELECT**.

- Use the **UP** and **DOWN** arrows to turn the **CONSTANT PILOT ON** or **OFF**, then press **SELECT**.

NOTICE: A beep will come from the control module indicating CONSTANT PILOT has been activated. A double beep will come from the control module indicating CONSTANT PILOT has been deactivated.

Setting the Child Lock

- Press and hold the **MENU** and **UP** arrow buttons simultaneously for 4 seconds to enable or disable the child lock feature.

NOTICE: No functions will be usable until child lock feature is disabled.

Please contact your Hearth & Home Technologies dealer with any questions or concerns.
For the location of your nearest Hearth & Home Technologies dealer,
please visit www.hearthnhome.com.