

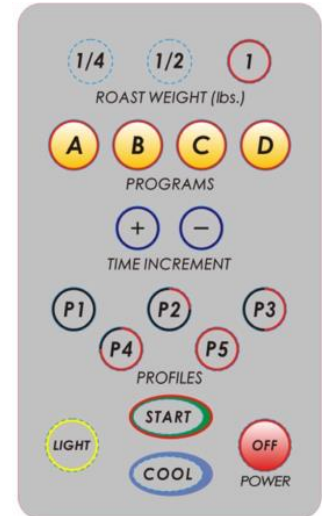
Manual Mode, Auto-Safe (err7) & How to for Advanced users

The **new program**, once a roast cycle is begun, gives you the ability to:

- 1) Read thermistors by pressing **A** (exhaust channel temp once exhaust fan is active mid-roast) or **B** (chamber wall temp)
- 2) Reset time to Rosetta Stone times (Part V Paragraph 3 manual) – **C** button
- 3) Change motor speed (**D** button) *must be in Manual mode
- 4) Change power to the elements in increments :

P1	P2	P3	P4	P5
0%	25	50	75	100%

- 5) Auto Safe / Unattended switch – a safety feature that requires user interaction otherwise an **err7** message will appear.



All the time: Auto and/or Manual Mode

- 1) Press **C** (for **crack as in first**) and it will reset the timer according to weight as per our “Rosetta Stone” times which are associated with approximate time it takes to go from the first crack of 1C to start of 2C. It is merely an approximation but provides users better understanding of where they are in the final stages of a roast cycle.
- 2) **Auto Safe/ Unattended Switch** – at 75% into a roast, based on standard system **default times*** the timer will start blinking **un:30..29, 28 etc..** The user has 30 seconds to **press START** otherwise it will automatically go into cool **flashing err7**.

Manual Mode

Begin a roast (Weight – desired, then Press Start), once a roast has begun at any point press either **P1** - **P5** to go into Manual mode (It is best to start with **P5** - 100%.)

- 1) Change Motor speed – press **D** (drum)
- 2) Reset time to weight (Rosetta Stone) – press **C**
- 3) Press **P1** - **P5** to change power- whatever is pressed “blinks” to denote which setting.
- 4) Press **1** at any time to return to Auto Mode (Auto mode runs simultaneously with Manual Mode- should you toggle back to Auto the time left/ roast cycle will be the same as when you left Manual mode)

Recap- NEW features activate ONLY once a roast cycle has begun

In **Auto** (default) all buttons act the same as in current system except ABC, for temp readings and time reset.

In **Manual** (only functional after starting a roast)

Button **1**: Returns system from Manual mode to Auto (defaults).

Buttons **A** - **C** same as in auto

Button **D** - drum / cylinder motor speed toggle from standard (8 rpm) to high (16rpm)

Buttons **P1** - **P5** power to elements: P1- 0, P2-25%, P3-50%, P4-75%, P5-100%

All other buttons ¼, ½, +, -, Cooling, Light, Off remain the same in either program.

A System Self-Test can be performed by unplugging the roaster- press and hold START, plug in and release START. The Self-Test will display Program version, check all functions to include display. It will run a full check TWICE

*Standard Default times are 18:00 for 1 lb, 12:00 for ½ and 8:30 for ¼