



BEHMOR[®] INC.

UPGRADE KIT to convert Behmor 1600* to Behmor 1600 Plus

Added Control Features:

- *Advanced Power and Heat Control
- *Motor Control during roast cycle
- *Rosetta Stone* Auto Reset (Part 5 Paragraph 3)
- *Automatic Safety Cut Off (unattended switch)
- *System Temperature Readings
- *System Self-Test



\$49.95

shipping not included/available through select retailers

*All current models of the Behmor 1600 can be converted to the newest version via and upgrade kit. Installation requires use of standard household tools. Instructions Provided

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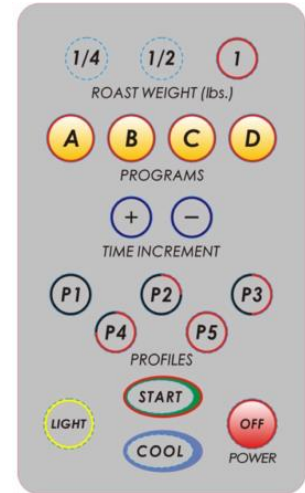
Manual Mode- How to for Advanced users

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)
- 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



All the time: Auto or Manual

- 1) Press **C** (for **crack as in first**) and it resets timer according to weight to 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 something we are going to push even harder.
- 2) **Auto Safe/ Unattended Switch** – at 75% into set time of a roast 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 **I** 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 can be activated **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 **I**: 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 1/4, 1/2, +, -, Cooling, Light, Off remain the same in either / original 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