User Manual

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Mavam User Manual V4.53 UnderCounter

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NOTE:

This manual is for the daily use of the machine. For detailed data, technical diagrams, installation, and troubleshooting please see the applicable document.

Safety Warnings

Safety Messages

IMPORTANT Information for the Mavam Undercounter Espresso Machine

- → DISCONNECT FROM ALL POWER SOURCES BEFORE SERVICING
- → Read the entire manual BEFORE operating this machine
- → Steam and condensation from the steam wand discharge is HOT and may cause burns
- → The steam wand tips become HOT during use, do not touch them Use Caution!
- → Always have the steam wand tip covered or inserted in the product to be steamed before turning steam on.
- → Never remove the steam wand from the product that is being heated when the steam is on.
- → Never remove the portafilter from the machine during the brewing process
- → Keep water and moisture away from any electrical device or live power
- → Steam tank water can be heated to 260°F (126°C), use caution around this
- → The brew groups are heated to 200°F and deliver water as hot as 210°F (99°C) Use Caution!
- → Brew Group housings can be hot to the touch Use Caution!

Brew Group



ATTENTION! Wiring must conform to the current National Electric Code

CAUTION!

INSTALLER SUR UN CIRCUIT COMPORTAINT UNE PROTECTION A MAXIMUM D'INTENSFE DE # A or equivalent.

WARNING!

Wiring must conform to the current National Electric Code ANSI/NFPA No. 70 or Canadian Electric Code Part 1, CSA Standard C22.1, and local building codes. Refer to wiring diagram. See nameplate on boiler box cover for minimum circuit ampacity and maximum over-current protection size.

CAUTION!

TO BE INSTALLED WITH # A MAXIMUM OVERCURRENT PROTECTION- or equivalent

WARNING!

Electric Shock Hazard. Can cause injury or death. Unit must be grounded in accordance with national and local codes. Line voltage is present at all components when unit is not in operation on units with single-pole contactors. Disconnect all remote electric power supplies before opening access panel. Unit may have multiple power supplies.

SAFETY WARNING:

The risk of serious burns or other bodily injury is always increased when working on a hot espresso machine. MAVAM LLC,

is not responsible for personal injury can occur when servicing or maintaining any

Operational Setting Limits

The machine will limit settings and operation to these ranges. They are not user adjustable.

Steam Pressure	0.0 to 1.3 Bar
Brew, Water Hose, and Group Temperature	85 to 110 C (185 to 230 F)
Steam Hose Temperature	100 to 178 C (212 to 350 F)

Pre-Infusion Time Brew Time Steam Time Water Time

Internal Boiler Unit Temperature

0 to 360 seconds (6 minutes) 0 to 120 seconds (2 minutes) 0 to 120 seconds (2 minutes) 0 to 30 seconds (½ minute)

80 C (175 F)

Overview

Machine Description

The Mavam Under Counter Espresso Machine is a commercial espresso machine featuring a unique user interface that sits flush with the counter. Depending on model there may be one, two, or three group heads, one or two steam wands, one hot water jet, and one or two pitcher rinsers built into the drain tray. The steam boiler unit is connected to the user interface via heated transfer hoses. This allows the steam boiler unit to be installed up to 1 meter (3 feet) away from the user interface.

This arrangement allows the Barista to interact with the customer while working the machine. The user interface may also be finished in many styles: plated, powder coated, or stainless steel with various textures.

Another unique feature is the fully heated water path. Brew water is heated from entry into the Boiler Unit to the Group Head. This provides the user with a stable, steady, and constant supply of hot water to the coffee.



Water Path

Description of terms

The following terms are used throughout this manual and other Mavam publications. While not a full list these are the most used and common terms.

Blind Basket: A cup that is installed in the portafilter without holes. This is used for cleaning the Group Head. Also called a "Backflush Basket".

Drain Tray: Removable metal screen below the Group Heads. Water drains through this screen to the User Interface drain.

Flow (Flowmeter): The volume of water used in brewing is measured using a "flowmeter". Water flowing through the flowmeter turns a paddle wheel. Each revolution of this wheel is counted at one "Pulse". The volume of water per Pulse will vary depending on the machine, use, and water pressure.

Flow Rate: The volume of water (Pulses) over time.

Group Display: OLED display mounted in the User Interface base. This displays group temperature, mode of operation, and brew times for pre-infusion and brew cycles, and menu functions.

Group Head: Metal receptacle attached to the underside of the top of the Group Tower that holds the portafilter.

Group Tower: Stand connected to the User Interface counter panel that holds the brew head. The tower routes the hot water for brewing, power for the group heater, and brew head temperature sensors.

Hot Water Jet: Metal tube shaped like an upside down "U". Hot water is piped from the steam boiler and exits at the Hot Water Diffuser tip.

Operation Controls: Illuminated actuators button(s) that control a function of the machine. Each actuator may have more than one function depending on the mode selected.

Portafilter: Mates with the Group Head and holds the basket containing ground coffee. A handle is attached to the portafilter so the barista may insert and remove the portafilter. There are many styles and configurations of portafilters.

Pulse: One revolution of the flow meter paddle wheel. Used to measure volume.

Pump: AC motor with pump and pressure regulator attached. These are external to the unit. **Rinser Jet:** Fitting mounted in the Drip Tray connected to the rinser activation plate. When the rinser activation plate is pressed down cold water is sprayed from the fitting.

Steam Boiler Unit: Metal enclosure containing the steam boiler, brew tanks, water distribution manifold, pump interface, BCU (Boiler Control Unit electronics), 24V power supply.

Steam Wands: Metal tubes shaped like an upside down "U". Steam is piped from the steam boiler and exits at the Steam Wand tip.

User Interface: This is the entire unit that sits on the countertop. It contains the Group tower, group head, steam wands, hot water jet, rinser jet, drain tray, operation controls and group display.

What is new in this version

BEST and Volumetric Brew control

A new term is introduced in this version, "BEST". This is one of the three options in the Automatic Mode Pre-infusion menu. The other two are OFF, and TIME. BEST is our unique method of determining when a puck has been saturated with just the right amount of water during Pre-infusion then starting full pressure brew automatically. Using BEST removes one of the most time consuming and demanding tasks the barista has. The machine does the work and monitors the shot for you. Instead of having to watch the portafilter for saturation and starting Brew manually the barista can focus on other tasks. Along with Brew volumetric control this allows you to make an almost perfect shot every time*.

Volumetric Brew control is another feature added to this version. In Automatic mode Brew is controlled by the number of Pulses set in the menu. This precisely measures the volume of water used during Brew.

The number of Pulses can be determined when dialing in a new batch of coffee. Use Manual Mode to pull shots until the desired shot is pulled. After dialing in the shot the barista can set the volumetric measurement (Pulses) in the menu. The last dialed in shot is remembered and can be entered directly.

Using the combination of BEST for Pre-infusion and Volumetric (Pulses) for Brew ensures a consistent and repeatable shot every single time.

* We acknowledge that to make a perfect shot requires the full attention of a dedicated and skilled barista! We aim to get close to that when full attention can not be given.

Machine Components

There are two categories of components, Main, and Group. Main components are the core parts of the Mavam Espresso machine regardless of the number of groups. Group components are the parts required for one group.

Main Components

- 1. Boiler Unit: This contains the steam / hot water boiler, Pump power connections, Water distribution manifold, BCU, and 24V Power supply.
 - a. Steam boiler: Generates steam and is the hot water source for the hot water jet.
 - b. Pump power connections: Power output for the pump.
 - c. Water distribution manifold: Holds the check valves, pressure relief valves, steam boiler fill output, two water outputs per group.
 - d. BCU: Controls the steam boiler heat and fill, group temperature, and monitors internal temperature.
- 2. User Interface: The countertop piece of the machine holding the brew towers, steam wands, hot water jet, and user controls / display.
 - a. Steam wands: Outlet for steam from the steam boiler.
 - b. Water Jet: Outlet for the hot water tap from the steam boiler.
 - c. User Controls: Steam and Hot water buttons.

Group Components

- 1. Boiler Unit: There is one of each of these components for each group.
 - a. Pump: Provides adjustable water pressure during brew.
 - b. Brew tank: Holds and heats water for the group before the heated transfer hose.
 - c. Heated transfer hose: Transports hot water between the Boiler Unit and User Interface.
- 2. User Interface:
 - a. Group Tower: The focal point of the machine. Holds the Group Head, and the controls for the flow of water to the Group Head.
 - b. Grouphead: Holds the portafilter. The heater transfer hose is connected to the Group Head via a solenoid that controls water flow to the portafilter. The Group Head is also heated.
 - c. User Controls: Pre-infusion, Brew, Steam and Hot Water buttons.
 - d. User Display: Shows brew time information, mode, group temperature, and menu settings.

Operation

Controls

Boiler Unit Controls

Controls on the boiler unit will usually not be needed during daily use of the machine. **Power Switch:** Power for the entire machine is controlled by the switch on the left side of the Boiler Unit. *Caution: while this removes power from the unit power is still supplied to the boiler unit from the main panel. Before working on or opening up the unit ensure power is removed from the main panel before beginning.*

Boiler Unit Controller: This is the main controller for temperature of all elements, steam pressure, steam hoses, fill, and internal sensing. Note: For operation of the BCU refer to the manual titled "BOILER UNIT CONTROLLER USE AND SETUP".

User Interface

There are two main components of the User Interface used for operation, actuators, and UI display. Display is discussed in detail in the section "UI DISPLAY".

Actuators



Actuator

Placement on User Interface

UI Actuators control all the functions of the UI. They consist of an actuator, (the part you push), and an illuminated ring that indicates mode of operation.

General

All controls on the User Interface are momentary actuators with an illuminated ring surrounding the actuator. The actuator controls all functions of the UI, (Pre-Infusion, Brew, Steam, and Water), the illuminated ring around the actuator indicates the state of the operation.

There are two types of actuators used on the UI, <u>Mechanical</u> and <u>Piezo</u>. Operation is slightly different for these two types of actuators. Any difference in operation between the mechanical and piezo actuators will be noted in the instructions. Mechanical actuators will depress when the center is pushed while Piezo actuators will not. Piezo actuators require a slight force to register a push different than the Mechanical actuators. Practice is encouraged prior to daily use with the Piezo actuators.

The illuminated ring has four different indications:

Steady ON: This indicates the function is idle (off).

- Steady DIM: Used during the Pre-Infusion and Brew operation. Indicates that half of the operation is not running. For example, if PI is DIM and Brew is Slow Blink, Brew is on and PI is off
- Slow Blink: This indicates the function is running (on).
- Fast Blink: Only used in Menu mode when setting up group options.

All actuators operate in the same manner. If the function is off, (Steady ON), pressing the actuator will turn the function on (Fast Blink). If on, pressing the actuator will turn the function off. There is a short delay, (¼ second), required between pushes. Pushing the actuator faster than this will not register a new push.

Each actuator has two uses, regular operation, and menu (setting options for that group). Uses of the actuator are detailed in the "Functions" section.

Startup

On power up the UI will display the version number and configuration in the upper data window. The data will be shown for two seconds. Please note this information for reference later on. The numbers are the firmware version number. The two letters are the configuration. There are two configuration options: [C/U] and [F].

[C] is for MACH 2 above counter units, [U] is Undercounter units.

[F] is for flow meter equipped units.

This manual is for [C/U] [F] configuration



Functions

Pre-Infusion and Brew are two phases of the coffee extraction cycle. Pre-Infusion introduces hot water to the coffee puck at a low pressure to saturate the coffee and let it bloom. Once the coffee has had a chance to bloom the Brew cycle is started. Hot water under pressure is forced through the coffee to produce espresso. Mavam gives the barista complete control over the time, pressure, and temperature the coffee is extracted at. How to change these settings is beyond the scope of this document, please refer to the appropriate instructions on how to change these settings.

Pre-Infusion

Regular: Turns on and off the Pre-Infusion phase of the brew cycle. Maximum time allowed is 360 seconds (6 minutes). Pre-Infusion will shut off after this time. Menu: Selects one of two options or increments a setting (counts up). *NOTE: Holding down Mechanical actuator will increment in 10s after counting three. Quickly pressing and releasing Piezo actuators will increment in 10s after a few pressed.*

Brew

Regular: Turns on and off the Brew phase of the brew cycle. Maximum time allowed is 120 seconds (2 minutes). Brew will shut off after this time.

Menu: Selects one of two options or decrements a setting (counts down).

NOTE: Holding down Mechanical actuator will decrement in 10s after counting three. Quickly pressing and releasing Piezo actuators will decrement in 10s after a few pressed.

Steam

Regular: Turns on and off the Steam Wand. Maximum time allowed is 120 seconds (2 minutes). Steam will shut off after this time.

Menu: Used as Enter key.

Hot Water

Regular: Turns on and off the Hot Water Jet. Maximum time allowed is 3 seconds. Hot Water will shut off after this time.

Menu: Used as alternate Enter key in three group machines.

Group Head Cleaning

This is a special function usually performed at the end of the day. The clean cycle will run ten cycles of five seconds Brew phase and five seconds off. The UI display will show "AUTO CYCLE" in the top data window with the total cycles on the right of the bottom data window and cycles completed in the left of the bottom data window. After each cycle the top data window will display "CYCLES TOTAL" and a total of completed cycles. The following steps describe how to access this function

- Enter Menu Mode by pressing and releasing BOTH Pre-Infusion and Brew actuators at the same time. "PSH FOR MENU" should show in the top data display. Press and release BOTH Pre-Infusion and Brew actuators again, (this has to be done within two seconds of the first part). If done within two seconds "CLEAN? NO" will show in the top data window.
- 2. When "CLEAN? NO" is shown use the Brew actuator to change to "CLEAN? YES". Press the Steam or Water actuator to start the clean cycle. If you do not want to perform the clean function leave at "NO" and press the Steam or Water actuator to move to the next menu function. Pressing the Pre-infusion actuator will change "YES" to "NO".
- 3. When running pressing either Pre-Infusion or Brew actuator at any time will cancel the clean cycle.



4. When completed, or stopped, the UI will return to Idle mode.

Manual and Automatic Modes

There are two modes used for the brew cycle, Manual, and Automatic. Current mode is shown in the upper left corner of the display in the upper data window. "MANUAL" = Manual, "AUTO" = Automatic. The mode is set in the MENU function.

Manual Mode

This mode gives the barista complete control over the brew cycle. Once a portafilter is inserted and ready for use the user may initiate the brew cycle by starting Pre-Infusion or go directly to Brew. In the brew cycle pressing the actuator for the phase that is running, (Slow Blink), will stop the brew cycle, pressing the other actuator, (Steady Dim), will change to that phase. For example: User starts the Pre-Infusion phase and after the desired time has elapsed starts the Brew phase. Pressing the Brew actuator will finish the cycle, pressing the Pre-Infusion actuator will change the brew cycle to the low pressure Pre-Infusion phase. *Note: When Brew phase is started the elapsed time will continue to count up in the Brew phase window of the display.*

Automatic Mode

Automatic settings are shown in the lower data window when idle, A1 and A2. Settings are shown on three lines:

AUTO 1: 10/300	[Auto 1, 10 second Pre-infusion, 300 Pulse Brew]
AUTO 2: BEST/350	[Auto 2, BEST Pre-infusion, 350 Pulse Brew]

Pre-infusion options

OFF: No Pre-infusion goes directly to Brew.BEST: Machine determines the optimal puck saturation and starts Brew.TIME: Sets seconds for Pre-infusion to run. Can go up to 6 minutes to accommodate pour over shots.

Brew options

0 (Zero): No Brew. Used mostly when Pre-infusion is for pour overs. PULSES: Runs Brew using the amount of Pulses entered.

Pressing the Pre-Infusion actuator will start AUTO 1, pressing the Brew actuator will start AUTO 2. When started the cycle will run for the pre-set time and stop. The program will be shown in the upper data window when running, "AUTO:1", or "AUTO:2" The cycle may be stopped anytime by pressing the current phase actuator. For example, if in the Pre-Infusion phase, pressing the Pre-Infusion actuator will cancel the cycle.

UI Display

Display in MANUAL "Post Display"



There is one display per group. The display is located in the front of the UI, (closest to the barista), and centered on the group.





Display Modes

There are many different phases of displays, Brew Display, Menu Display, Post, Idle, and Idle Screensaver. Idle is displayed after a Brew cycle, Menu exit, and finishing Auto Clean. Screensaver is displayed after sixty seconds of Idle screen.

Brew Display

Information on the screen is dependent on what phase of operation is active and mode of				
operation. (X) refers to illustration on the next page. The different phases are:				
Idle:	Group not in use, Steam and / or Water may be in use. (1), (2), (3)			
Pre-Infusion:	Pre-Infusion phase of the brew cycle in use. (4)			
Brew:	Brew phase of brew cycle in use (5)			
Post Brew: Pre-In	fusion and Brew phase finished. (6)			
Menu:	Changing group options. See "Using the Menu Functions"			
Modes of operation are Manual, and Automatic.				

Data Table

Phase	Mode	Steam, Water ON	Group Temperature	Pre-Infusion Time	Brew Time	Auto Settings
Idle	М, А	M,A	M, A	Х	Х	А
Pre-Infusion	М, А	Х	M,A	M,A	M,A	Х
Brew	M,A	Х	M,A	M,A	M,A	Х
Post Brew	M,A	M,A	M,A	M,A	M,A	Х
Menu	S	S	S	S	S	S

Table of data shown in different phases and modes.

M = Shown in Manual Mode, A = Shown in Automatic Mode, X = Not Displayed, S = Special use

Screen Examples



Idle screen shows the settings for AUTO only if in AUTO.

Screen above indicates that AUTO 1 is Pre-Infusion fifteen seconds, Brew 300 Pulses. AUTO 2 is Pre-Infusion BEST, Brew 350 Pulses.

Menu functions and screens are covered in "USER INTERFACE MENU INSTRUCTIONS"

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Pre-infusion and Brew Screens

There is a lot of information presented during a shot. See the examples below to help explain what is shown on the screen during a shot.

Pre-infusion screen, Automatic, BEST setting:



- 2. Time Pre-infusion has run in seconds.
- 3. Volume of water into puck in Pulses.
- 4. Rate of flow (Volume/Time).
- 5. Time of Brew, zero since Brew is not started.

Pre-infusion screen, Automatic, TIME setting:

- 1. Heading showing Auto 1, Time.
- 2. Time Pre-infusion has run in seconds
- 3. Volume of water into puck in Pulses.
- 4. Rate of flow (Volume/Time).
- 5. Time of Brew, zero since Brew is not started.

Brew screen, Automatic:

1. Heading showing Auto 2

2. Time of Pre-infusion, White on Black means completed

- 3. Volume used during Pre-infusion
- 4. Volume used so far in Brew
- 5. Time so far in Brew

The shot information will remain on screen for 30 seconds before going to Idle.









USER INTERFACE MENU INSTRUCTIONS

Menu Overview

Menu functions allow the user to set or change the operating parameters of the User Interface. Features available in the menu are listed in order with the *Parameter* in italics and options available in parenthesis (). Default option shown in brackets [].

- 1. CLEAN? [NO], (YES) Selects auto clean cycle if yes.
- 2. [CELSIUS], (FAHRENHEIT) Selects temperature units.
- 3. *OFFSET* [0.0] Sets a hardware offset for the temperature display. *NOTE:* only set this if you are sure you know the calibrated temperature of the group. This is set at the factory and normally does not need to be changed.
- [MANUAL], (AUTOMATIC) Changes mode between Manual and Automatic.
 4.1. If set to MANUAL the remaining steps will be skipped.
- 5. *AUTO PI* NO:1 [OFF, BEST, (0 to 360)] Sets the Pre-Infusion mode for Automatic one.
- 6. AUTO BR NO:1 [0], (0 to 1000) Sets the Brew pulses for Automatic one.
- 7. AUTO PI NO:2 [OFF, BEST, (0 to 360)] Sets the Pre-Infusion time for Automatic two.
- 8. AUTO BR NO:2 [0], (0 to 1000) Sets the Brew pulses for Automatic two.
- 9. *EXITING MENU* End of menu, returns to Idle.

If there is no activity for thirty (30) seconds the menu function will exit and return to Idle. The Steam AND / OR Water Actuator is used as an Enter button. On three group machines the Water actuator is used for the center User Interface Enter button. For ease of display the Steam Actuator is shown in all illustrations.

Entering the Menu

Using Piezo actuators or Mechanical actuators press and release BOTH Pre-Infusion and Brew actuators at the same time. "PSH FOR MENU" will show in the top data display. Press and release BOTH Pre-Infusion and Brew actuators again, (this has to be done within two seconds of the first push). If done within two seconds "CLEAN? NO" will show in the top data window. If "PSH FOR MENU" is not displayed and one of the brew phases are started, just press BOTH again, the phase will be cancelled when the "PSH FOR MENU" is displayed. NOTE: Timing is important for this operation, it may take a few tries to "get" it, no harm is done

to the machine if multiple tries are needed.



Entering the Menu by pushing both Pre-Infusion and Brew

Menu Item 1, Selecting Auto Clean Cycle

When "CLEAN? NO" is shown use the Pre-Infusion actuator to change to "CLEAN? YES". Press the Steam or Water actuator to start the clean cycle. If you do not want to perform the clean function leave at "NO" and press the Steam or Water actuator to move to the next menu.







Menu Item 2, Selecting Temperature Units

You may select the temperature units to be either Celsius, or Fahrenheit. Press the Pre-Infusion actuator for Fahrenheit or Brew for Celsius. Upper data window will display selection.



Menu Item 2, Selecting Temperature Units

Menu Item 3, Offset

This is used to calibrate the temperature sensor. Calibration is done at the factory using highly accurate temperature measurement tools. You should only undertake this operation if you have a full understanding of this function. Offset and current temperature are displayed in the upper



is [0.0] and temperature reads 96.2. Using a test instrument temperature has been measured to be 96.0, Offset is changed to [-0.2]. This is subtracted from the sensor input and displayed temperature is now 96.0 (screen at right).

data window. Offset is in brackets "[0.0]" (Zero offset applied). Current temperature is between arrows "> 96.2<". The offset is added or subtracted from the temperature sensor input. To set the offset you must know the measured temperature coming out of the brew head during a brew cycle. Usually a test instrument such as a Scace temperature and pressure monitor is used. Using the screen example to the left offset



Menu item 3, Offset



When changing the offset use the Pre-Infusion and Brew actuators to increase or decrease the offset until the displayed temperature matches the measured temperature.

Menu Item 4, Manual / Automatic

Change modes between Manual and Automatic. Mode is displayed in the upper data window. Pressing the Pre-Infusion actuator changes mode to Automatic, pressing the Brew actuator changes to Manual. Pressing Steam or Water applies the selection.



Menu Item 4, Manual / Automatic

Menu Items 5,6,7,8

The next four menu items set the Pre-Infusion mode and Brew volume. Automatic 1 is set first then Automatic 2.

Menu Item 5, Setting Automatic 1 Pre-Infusion Time:

This is the first of four Automatic menu settings. There are three options for Pre-Infusion

- Off Turns off Pre-Infusion. Cycle will go directly to BREW.
- BEST Uses the BEST routine for Pre-Infusion "What is new in this version" for a full explanation of the BEST routine.
- TIME Runs Pre-Infusion for the programmed time (in seconds). Time can be from 1 second to 360 seconds. Time is incremented/decremented by five over a setting of 30.

Decreasing TIME past 1 will select BEST, down one more will select OFF.

Once set to the desired mode pressing Enter will save the setting and move to Item 6.



Menu Item 6, Setting Automatic Brew Time:1 This is the second of four Automatic time settings.

AUTO BR FL 1 FLOW MEMORY: 500 FLOW LAST: 350 ENTER FOR MEMORY PI = LAST, BR = ZERO MENU Screen FLOW Options Before setting flow for the BREW cycle the pre-select screen will be shown. There are three options to "preset" flow. Each [button] selects one of the options. FLOW MEMORY: [ENTER] this is the setting currently in memory. FLOW LAST: [Pre-Infusion] this is the last shot pulled. When dialing in a shot using Manual Mode this is the pre-set you would want.

ZERO: [Brew] resets flow to zero.

Setting flow to 0, (zero), will skip the Brew phase for that brew cycle. This would possibly be used if the Pre-Infusion has been set for pour over and a Brew cycle is not wanted. It is useful to know what volume is desired for the Brew cycle before setting this. Running some shots in manual mode to get close to the desired volume. Pulses are incremented and decremented in fives if over a setting of thirty. Once set to the desired flow Enter will save the setting and move to Item 7.



Menu Item 7, 8, Setting Automatic Pre-Infusion and Brew Time:2

This is the third and fourth of four Automatic time settings. Function is the same as 5 and 6 above except this sets Automatic 2. When finished with Item 8, pressing Enter will exit the menu and return to the Idle screen.

NOTE: After no activity for thirty seconds the Menu will exit and return to the Idle screen. If you have entered a setting or do not wish to record that setting just let the menu sit idle and it will exit without saving that setting.

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