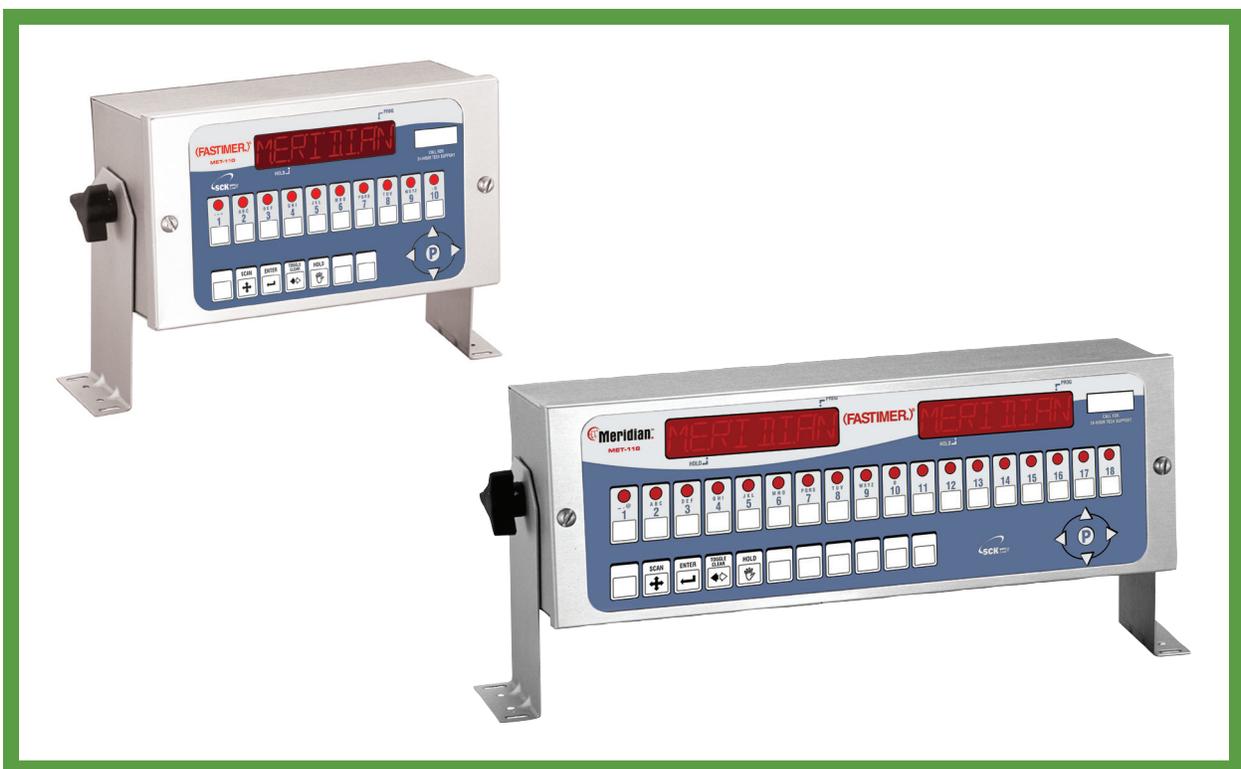




**KITCHEN BRAINS®**  
**(FAST.) MODULARM SCK**

# OPERATING GUIDE

## (FASTRON.)® MERIDIAN Series Cooking Timers



### Operating a (FASTRON.)® MERIDIAN Series Cooking Timer with:

- MET-110 (10 Product Keys)
- MET-118 (18 Product Keys)

Save the instructions  
for future reference.  
[www.KitchenBrains.com](http://www.KitchenBrains.com)

24/7 Toll-Free Technical Support  
**1-800-243-9271**  
(from the U.S., Canada and the Caribbean)

## NOTICES

**Before you start, please read entire manual.**



**Kitchen Brains is not liable for any use of product not in accordance with Kitchen Brains' installation and operation instructions.**

**Before using this equipment, or for any questions on the operations of the appliance, consult and follow all instructions and safety warnings found in the appliance operator's manual supplied from the manufacturer of the appliance.**

## TIMER OPERATING ENVIRONMENT

The solid state components in this timer are designed to operate reliably in a temperature range up to 158°F/70°C. Before installing this timer, it should be verified that the ambient temperature at the mounting location does not exceed 158°F/70°C.

## CLEANING THE TIMER

Using a clean damp cloth, wipe down your controller daily using a commercial quality foodservice-approved detergent.

Do not allow oil to build up on any part of the controller.



**NEVER use chemical or abrasive cleaners on your controller. The controller's overlay may be damaged.**

## TOOLS REQUIRED

- Straight Screwdriver
- Power Drill
- #29 High-Speed Drill Bit
- 10/32 Tap
- Center Punch
- Hammer

## INSTALLATION

1. Turn appliance power OFF.
2. Choose your mounting location.
3. Attach 2 mounting brackets to the controller using the 2 wing nuts provided. Be sure to put 1 star washer on each side of the mounting bracket.
4. Hold the computer against your mounting surface.
5. Mark 4 mounting holes.
6. Drill and tap the mounting holes.
7. Secure the timer to the mounting surface using the 4 screws provided.

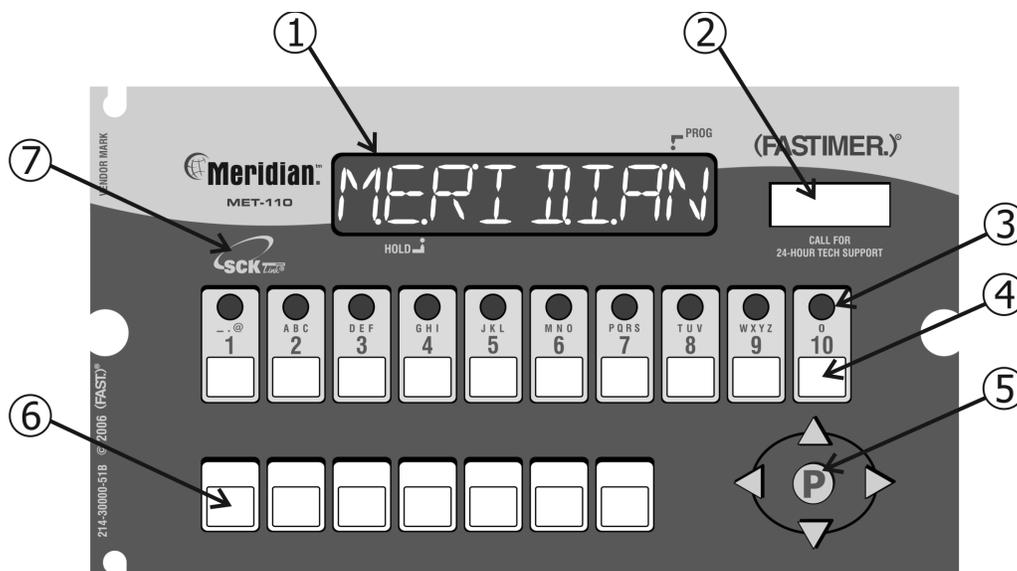
## OPERATING THE (FASTIMER.)® MERIDIAN TIMER

### PROGRAMMING CODES

Product Programming 1 7 2 4

System Programming 3 2 2 8

### TIMER FEATURES



- 
- 1 **LARGE LED DISPLAY:** 8-character, 14-segment. Displays programming and cook cycle information.

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  - 2 **SERVICE WINDOW:** Locate the timer's serial number and tech support phone number easily.

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  - 3 **INDICATOR LIGHTS:** Lit when there's an active cook cycle and in programming mode.

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  - 4 **PRODUCT KEYS:** Press to start a cook cycle. Also used in programming.  
**REPLACEABLE MENU STRIP:** Make menu changes quickly and easily.

---

  - 5 **PROGRAMMING CENTER: (FAST.Nav)™:** Easy mobile phone-like programming with predictive text. Access programming mode and change cooking parameters.

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  - 6 **FEATURE KEYS:** Used to access programming functions and controller features; keys will vary by model.

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  - 7 **SCK® LINK:** Signifies that your control is communications-capable.
-

## OPERATING THE (FASTIMER.)® MERIDIAN TIMER (CONTINUED)

### FEATURES EXPLAINED

#### Programmable Action Alarms

Up to three action alarms can be programmed for each product key. An action alarm alerts the operator to perform some action at a pre-programmed time.

#### Programmable Hold Time Linking

Each product key can be linked to an independent hold timer, or multiple product keys can be linked to a single hold timer.

#### Programmable Hold Times

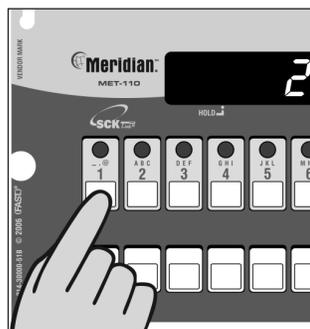
Product key hold times can be programmed to track product quality through a specified holding period. The timer will sound an alarm when the product's hold time has expired alerting the operator to discard the product.

#### Automatic Least Hold Display

Product with the least amount of hold time remaining will be shown in the display. Pressing and holding the HOLD key allows you to view each active product's remaining hold time.

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## OPERATING THE TIMER



#### Start a Cook Cycle

Press any product key to start a cook cycle. If the key is programmed, the correct cooking time will be displayed and will immediately start to count down in minutes and seconds. DONE will display when the cook cycle has ended.

The pressure solenoid will also close if programmed to do so, or a basket lift will lower if so equipped.

If DONE is displayed immediately and the unit starts to signal, the product key being pressed is not programmed.

#### Stop a Cook Cycle

Press and hold an active product key for 3 seconds. Timing will stop.

#### Respond to a DONE Alarm

Cancel the signal by pressing the same product key used to start the cook cycle.

#### Action Alarms

If the controller is programmed for action alarms, they will signal at a preset time during the cooking cycle. The signal, a dual-rhythm beeping, will last 5 seconds and then self-cancel. The display will flash the action alarm time and the controller will start counting toward 0:00.



## OPERATING THE (FASTIMER.)® MERIDIAN TIMER (CONTINUED)

### OPERATING THE TIMER (CONTINUED)



#### Holding Timers

When there are active hold times, the HOLD indicator light will be lit.

To **View All Active Hold Times**, press and hold the HOLD key. Upon expiration, the timer will display HOLD and pulse with an audible tone. Acknowledge by pressing the HOLD key.

To **Cancel a Hold**, press the TOGGLE/CLEAR key followed by the HOLD key then the key you want to cancel.

## DISPLAY DESCRIPTIONS



Timer is in Operating Mode.



Timer is in Operating Mode and a cook cycle is in progress.



Timer is in Operating Mode and a cook cycle has been completed.



Timer is waiting for a pass code to be entered.



Timer is in Product Key Programming Standby mode.



Cook time is being programmed.



An Action Alarm #1 is being programmed. Up to three action alarms are allowed.



The timer is in Product Key Hold Timer Programming Standby Mode.

## PROGRAMMING THE (FASTIMER.)<sup>®</sup> MERIDIAN TIMER (STORE EMPLOYEE)

### PRODUCT KEY PROGRAMMING

18 button controllers have two displays that show a full line of information; for example:

**TIME** **2:00**

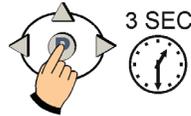
10 button controllers have a single, dual-purpose display that will alternate information; for example:

**TIME** then **2:00**

### RECIPE 1724 STORE EMPLOYEE

#### ENTER PROGRAMMING MODE.

Press and hold the P key for 3 seconds.



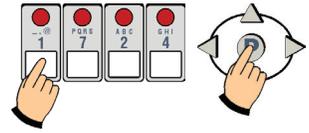
#### PROGRAM

Press the P key.



#### CODE

Type in 1 7 2 4 using the product keys. Press the P key.



#### RECIPE

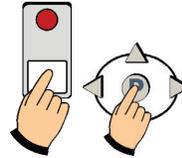
Press the P key. All product key LEDs will light up.



#### PRODUCT

#### PROGRAM A PRODUCT

**KEY.** Press the product key you want to program. Press the P key.



Some controllers may have different options listed.

Depending on model, you can either press the P key to change all programmable settings or you can scroll using the arrow keys to any of the specific options.

#### ALL

Press the P key.

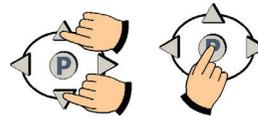


#### NAME

XXXXXXXXXX

#### SET PRODUCT DISPLAY

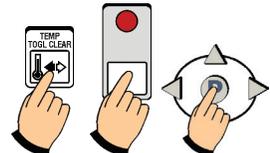
**NAME.** NAME will be displayed then the actual product name. Use the up and down arrow keys to scroll through the library. Press the P key to lock in your choice.



#### TIME 1

XX:XX

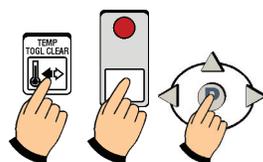
**SET COOK TIME.** Actual set time will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key.



Some models have up to 3 action alarms.

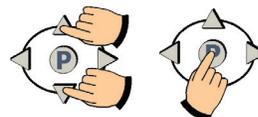
ALTIME1  
XX:XX

**SET ACTION ALARM.** Actual alarm time 1 will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key.



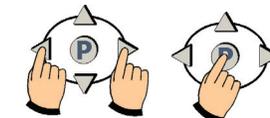
ALNAME1  
XXXXXXXXXX

**SET ACTION ALARM NAME.** ALMNAME1 will be displayed, then the actual action alarm name. Use the up and down arrow keys to scroll through the library. Press the P key to either go to next action alarm name, or continue through programming.



ALMNCNL1  
AUTO  
MANUAL

**SET ALARM CANCEL.** Use the left and right arrow keys to change from AUTO or MANUAL cancel. Then press the P key.

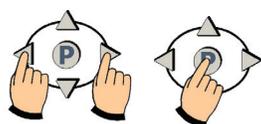


## PROGRAMMING THE (FASTIMER.)<sup>®</sup> MERIDIAN TIMER (STORE EMPLOYEE) CONTINUED

### PRODUCT KEY PROGRAMMING (CONTINUED)

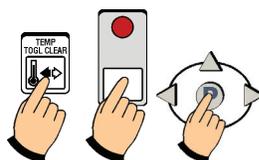
**ALRTONE1**  
**XXXXX**

**SET ALARM TONE.**  
Use the left or right arrow keys to choose NONE, SHORT, MEDIUM, LONG, DOUBLE or LONG SHT as the alarm tone. Then press the P key.



**HOLDTIME**  
**XX:XX**

**SET HOLD TIME.** Actual hold time will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key.



**ALL**

**EXIT PROGRAMMING MODE.** Press the up arrow key.



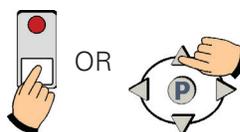
**EXIT**

Press the P key.



**PRODUCT**

Either press another product key to program and repeat the programming instructions, or exit by pressing the up arrow key.



**EXIT**

Press the P key.



**RECIPE**

Press the up arrow key.



**EXIT**

Press the P key.



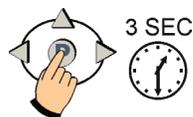
## PROGRAMMING THE (FASTIMER.)® MERIDIAN TIMER (STORE MANAGER)

### SYSTEM PROGRAMMING

#### SYSTEM 3228 STORE MANAGER

##### ENTER SYSTEM PROGRAMMING MODE.

Press and hold the P key for 3 seconds.



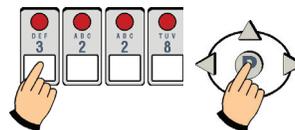
##### PROGRAM

Press the P key.



##### CODE

Type in 3 2 2 8 using the product keys. Press the P key.



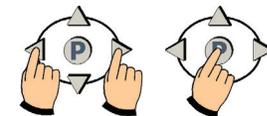
##### SYSTEM

Press the P key.



##### TONEVOL

**SET TONE VOLUME.** Use the left and/or right arrow keys to choose 1, 2, 3, 4 or NONE. Press the P key.

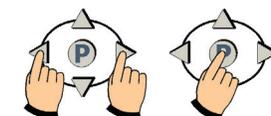


**i** Not all models have this feature.

##### COOKUNIT

MM:SS  
HH:MM

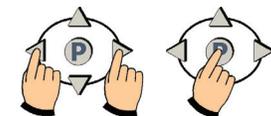
**SET TIME UNIT.** Use the left and/or right arrow keys to choose Minutes/Seconds or Hours/Minutes. Press the P key.



##### HOLDUNIT

MM:SS  
HH:MM

**SET HOLD UNIT.** Use the left and/or right arrow keys to choose Minutes/Seconds or Hours/Minutes. Press the P key.



##### SYSTEM

##### EXIT SYSTEM PROGRAMMING MODE.

Press the up arrow key.



##### EXIT

Press the P key.



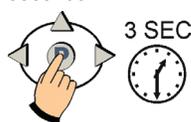
## PROGRAMMING THE (FASTIMER.)® MERIDIAN TIMER (STORE MANAGER) CONTINUED

### PROGRAMMING CUSTOM PRODUCT AND ACTION ALARM NAMES TO THE LIBRARY

#### SYSTEM 3228 STORE MANAGER

#### ENTER LIBRARY PROGRAMMING MODE.

Press and hold the P key for 3 seconds.



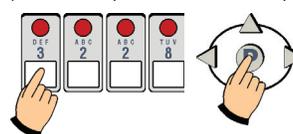
#### PROGRAM

Press the P key.



#### CODE

Type in 3 2 2 8 using the product keys. Press the P key.



#### SYSTEM

Press the down arrow key to select either PRODLIBR OR ALRMLIBR.



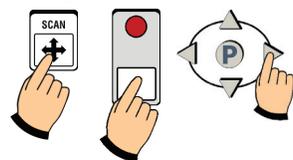
#### PRODLIBR ALRMLIBR

Choose either PRODLIBR (Product Library) or ALRMLIBR (Action Alarm Library) by pressing the P key.



#### -

A flashing dash will be displayed. Press the SCAN key and use the product keys to spell a new word. Press the right arrow key to advance to the next character position.



#### AB

Continue spelling the word. When done, press the P key.



#### ADD

TO SAVE WORD, press P again. Skip to Exit Library Programming.



#### ADD

#### CANCEL

#### MODIFY

TO CANCEL OR MODIFY WORD, press the left or right arrow keys to select CANCEL or MODIFY.



TO CANCEL OR MODIFY, see next step.

IF YOU CHOOSE CANCEL:

#### CANCEL

Press the P key to EXIT and cancel the word.



#### PRODLIBR ALRMLIBR

EXIT LIBRARY PROGRAMMING. Press the up or down arrow keys until display reads EXIT.



#### EXIT

Press the P key.



IF YOU CHOOSE MODIFY:

#### MODIFY

Press the SCAN key to go back and modify the word.



#### EXITED SYSTEM

You have now EXITED System Programming Mode and can operate the controller.

## HELPFUL INFO

### TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
No Power	Circuit breaker OFF	Check and reset.
	Appliance not plugged in	Plug in cord.
	Defective 24VAC transformer	Replace timer.
No Sound	Inoperable speaker	Replace timer.
Button Problem	Frozen key	Unplug timer. Hold down the TOGGLE/CLEAR key as you plug timer back in.
	Inoperable key	Replace timer.

### PARTS & ACCESSORIES

DESCRIPTION	FAST PART NUMBER
Sheet Metal Bezel (Black)	214-50291
Sheet Metal Bezel (Stainless Steel)	214-50593
Slotted Round Head Screw, Black, 1/4-20 x 3/4"	150-10202
Slotted Round Head Screw, Stainless Steel, 1/4-20 x 3/4"	150-10188R
Tinnerman Spring Nut 1/4-20	150-11025

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## Want to learn more about Kitchen Brains® products?

Visit our website:

[www.KitchenBrains.com](http://www.KitchenBrains.com)



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## Service Replacement Exchange (SRE) Program

Kitchen Brains provides a Service Replacement Exchange (SRE) Program if a unit should fail for any reason. In the event of failure, simply call our toll free technical support number. Our agent will obtain the detailed information about the malfunction or issue, and the serial number of your device so that an equivalent replacement unit can be selected and sent out immediately.

We guarantee shipping of a replacement unit the same day, via second day air- freight pre-paid for all orders received by 2:00PM EST, which allows for processing time before collection by our shipping carrier. Overnight shipping can be chosen for an additional \$20 if needed. We ship the replacement device and invoice the client's account for SRE cost, plus a \$300 core charge if customer does not have credit terms with us. If the failed unit is within the warranty time period, and the customer feels that they did not damage or misuse the unit, a Service Replacement will be issued free of charge.

The Kitchen Brains SRE Program is available to any Kitchen Brains domestic customer whose account is current, and applies to (FAST.)® Timers (excluding ZAP), Computers and Controllers that are still being supported.

## Contact Options

Toll-free Technical Support assistance is available 24 hours a day, 365 days a year at 1-800-243-9271, or via email 8AM-5PM EST Monday-Friday at [tech\\_support@kitchenbrains.com](mailto:tech_support@kitchenbrains.com) for programming and troubleshooting issues.

Our Technical Support and Sales Operations departments are available to process SRE orders Monday through Friday between the hours of 8AM and 5PM EST.



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