



KITCHEN BRAINS®
(FAST.) MODULARM SCK®

OPERATING GUIDE

(FASTIMER.)® Model TT-500



Operating a (FASTIMER.)® Model TT-500 Multi-Product LCD Touchscreen Timer with

- Selectable Modes: Fryer, Quality Holding or Grill

Save the instructions
for future reference.
www.KitchenBrains.com

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

Operating a (FASTIMER)[®] Model TT-500 Multi-Product LCD Touchscreen Timer with Selectable Modes: Fryer, Quality Holding or Grill

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 controller are designed to operate reliably in a temperature range up to 158°F/70°C. Before installing this controller, 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 timer daily using a commercial quality foodservice-approved detergent.

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



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



PROPER USE OF USB PORT

The USB port is to be used with a 2 GB USB Memory Stick for the loading of images and recipe files to the (FASTIMER)[®] TT-500 and downloading of cycle count reports ONLY. No other devices (i.e., mobile phones, MP3 players, cameras, etc.) are to be connected to the port. Improper use of the USB port with unauthorized devices will likely cause damage to the TT-500, resulting in the warranty becoming void.

MAIN OPERATING SCREENS

Your new (FASTIMER.)[®] TT-500 Touch Timer can be operated as a timer for your **Grill (G)**, **Fryer (F)**, or as a **Quality Holding Timer (T)**.

Selecting an operating mode is done through the icons in the Manager's Programming menu.

NOTE: If neither the Fryer nor Quality Timer icons appear on the bottom row of action keys, and you see 6 individual aisles or lanes of a grill depicted on the main screen (as illustrated), then you are in the grill timer mode.

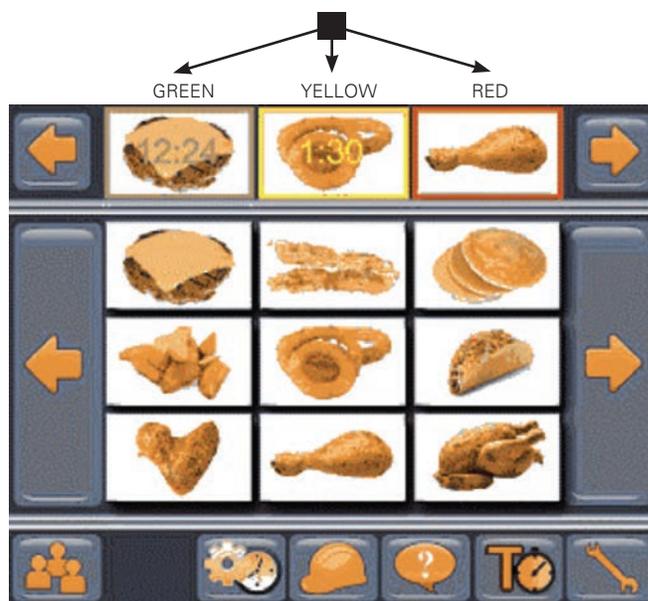
Active Cook Cycles

GREEN Rectangle: a cook cycle is active

YELLOW Rectangle: a stage is complete

RED Rectangle: a cook cycle is complete

This is an example of what your screen may look like in **Quality Holding Timer** mode.



OPERATING MODES



Your TT-500 Timer can be operated in any one of three different modes... Grill, Fryer and Quality Holding. Below, please find an overview of the features and functionality of each specific mode.

GRILL MODE OPERATION:

The TT-500 allows the operator to time 6 different lanes and 12 individual times of food items. When changing an available food item in the top row of each lane, the corresponding food item in the bottom half of each column will change as well. This will help reduce the chance of food cross contaminating on the food grilling surface.

What you are seeing on the GRILL MODE main screen:



BUILD

Press to access the Product Build Library. Then press a food item to see the build procedure assigned to that product.



HELP

Press to see graphical instructions of the operating mode you are in.



RECIPE MODE

Press one of 4 different recipe modes to see various food items that can then be chosen to be put onto the Grill Mode screen.



COOK MODE

Press one of 3 different cook modes to see various grill modes that a product can be grilled.



PROGRAMMING

Press to access the Recipe, Employee, Manager or Service Level Programming Screens.



BASIC OPERATION OF GRILL MODE:



START A COOK CYCLE: Press any food item to begin cook count cycle. Once cook cycle is started, the food item you have chosen will be outlined in **GREEN**.

After a stage of a specific recipe has been completed, the food item will flash and be outlined in **YELLOW**. If manual cancel stages are enabled, press the food image to silence the alarm.

When a food item has completed its entire cooking cycles, it will flash and also be outlined in **RED**. An audible alarm, if enabled, may also be heard.

To change available recipes press one of the four RECIPE MODE buttons:



You will then see three rows of cook modes, "**Standard**," "**With Press**," or "**With Cool Cover**." Press the food item you wish to cook on the Grill, then press the location (one of 6 cooking lanes) and your food item will then appear on the two cooking locations assigned to that specific lane.

MANAGER PROGRAMMING:

The TT-500 offers three levels of programming... all of which can be controlled and managed via password protection.

To access Manager Programming Mode, press the following:



BRIGHTNESS

Tap this icon to scroll through the 5 levels of screen brightness.



MASTER VOLUME

Tap this icon to hear the four master sound levels... from mute to loud.



USER FAVORITES

Tap this icon to see which Day Part setting you are currently in.



BEEP PATTERN

Each time you tap this icon, you will hear one of 5 distinct alarm tones that will be used as a default sound for your products.



TIME DIM

Press this icon to dim the screen to one of the pre-programmed brightness levels after a certain amount of time.

Make sure to save your settings by pressing



the SAVE key when you are done.



COPY TO USB

Insert a USB thumb drive into the USB port on the bottom left-hand side of the TT-500 timer. Then, press the Copy to USB icon. You will then be asked to "Enter Name for Settings (8 Characters only... and no spaces in between letters)" After entering the 8 character file name of your choice, press the "ENTER" key and you will then see



. This will be an indication that the files are copying and it should take a few minutes to complete. Once completed, you will return to the Manager Programming Screen.

MANAGER PROGRAMMING (CONTINUED):



COPY FROM USB

Insert a USB thumb drive into the USB port on the bottom left hand side of the TT-500 timer. Then, press the Copy From USB icon. You will then see any recipe folders that are available for downloading from the USB Thumb Drive. Press the file that you want to download (the file name will then be outlined in purple) and then press the folder icon



to begin the download. You will



again see the icon to indicate that the files are copying. Once completed, the timer will reboot and the new recipe files will be used.



SELECT USER MODE

Press this icon to toggle between the three operating modes on the TT-500 timer. You will have the option of choosing the Grill (Forward or Reverse Order), Quality Hold or Fryer Timer Modes. The mode you are currently in will be highlighted in GREEN. Pressing another user mode will reboot the timer and will take a few minutes to load the new images and recipes.



PRODUCT COUNTS (VIEW AND/OR DOWNLOAD)

Press the PRODUCT COUNTS icon to access this feature which will show you how many cooks/holds that have at least been 25% completed. To clear a product's count, just tap the food image and it will be reset to 0.



Press the icon and a text file will be copied to a USB thumb drive if inserted into the USB port on the bottom of the timer.



STORE ALERT SETTINGS

Your TT-500 timer can be programmed to have up to 10 (ten) programmable store alerts. Each can be programmed to be a single or a repeating store alert.

An example of a **single alert** is a reminder to perform preventative maintenance on an appliance at the same time every day.

An example of a repeating alert is a reminder to employees to wash their hands every 30 minutes. To set a Single daily alert, you will need to program the repeat time (Min) to read "0000." Then program the top time to when you would like the alarm to notify your employees. Also, remember to activate the alarm by pressing the clock image on the right-hand side of the screen. The icon should NOT have a red cancel circle for the alarm to be activated.



INACTIVE/ACTIVE

To set a Repeating daily alert, you will need to program the frequency of the repeating alarm by programming the "Repeat Time" either up or down. Save your settings by



pressing the  icon and then return to the Store Alerts Main Programming

Screen by pressing the  icon. Return to the Main Programming Screen by

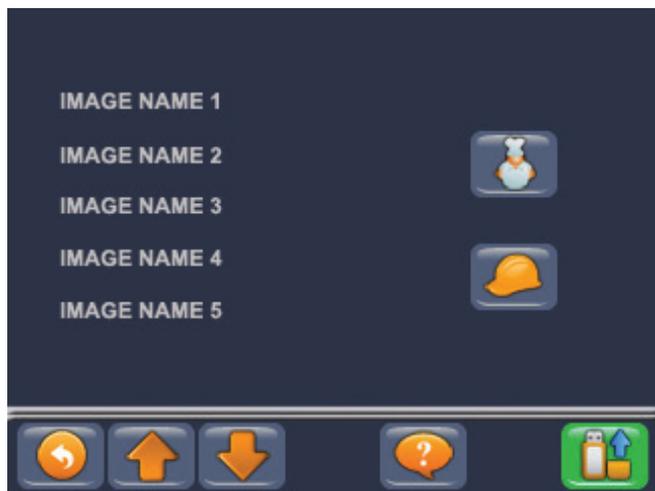
pressing the  icon again.

MANAGER PROGRAMMING (CONTINUED):



UPLOAD IMAGES TO TT-500 LIBRARY

1. Insert a USB memory stick into the TT-500.
2. Press the UPLOAD IMAGES icon. You will then see a list of available .bmp images on your thumb drive that can be loaded into the timer as either a recipe or build screen image.



Find the image that you want to upload (using the UP/DOWN arrow keys to view more images), press the name (once chosen, it will be outlined in purple) and then press

either the Recipe  or Build Screen

 icon on the right hand side of the screen. The image will then be downloaded. Once you have copied the desired images to

the timer, press the return button,  and the timer will reboot with the new images loaded into the desired recipe or build screen library.



RESTORE PASSWORD

Press this icon to restore passwords back to factory defaults.



DELETE RECIPE IMAGES

Press this icon to view a screen shot of all available food icon images for the specific operating mode you are in. Simply touch the food icon which you wish to delete, and it will be removed from the product library.



CREATE/EDIT/DELETE BUILD IMAGES

Press this icon to create, edit or delete any build categories or images.



Press the  icon to add a new Build Category Folder. Then, type in the new folder's name and then press "ENTER" on



the keypad. Then press the  icon again to see the Build Screen Summary



Image then press the  icon again to add the full screen Build Image that will be displayed.

To Delete or Edit a Build Category Folder or



Image, simply press the  icon and you will be prompted to



or . Press the "trash can" to confirm that the image is to be deleted. If editing the image, you can now add a new image as detailed above.



SCROLL MODE

Press this icon to toggle between viewing icons on the main product selection screen one column at a time or three columns at a time. NOTE: This function is only available when you are in the Fryer Timer or Quality Hold Timer modes.

OR



MANAGER PROGRAMMING (CONTINUED):



PAUSE ACTION ALARM

Press this icon to toggle between enabling/disabling the Pause Action Alarm feature. By

OR



enabling the feature, the count down time will be paused when an action alarm or stage alarm is activated. By disabling



the feature, the time related to a recipe will continue to count up/down even if an action alarm is activated. For example, if the Pause Action Alarm is activated, an action alarm goes off at 2:30 for stage one of a burger. The remaining time, 2:00, will not begin to count down until the action alarm has been acknowledged...

RECIPE PROGRAMMING:

To access Recipe Programming Mode, press the following:



You will not be able to see the default recipe that are active in your TT-500 timer. To add a



new recipe, press the icon. You will then be directed to a screen that will initially look like this:



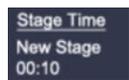
ADD IMAGE

Press image location to select a new image. Scroll through any and all available .bmp images that are loaded into the product recipe library folder.

New Recipe

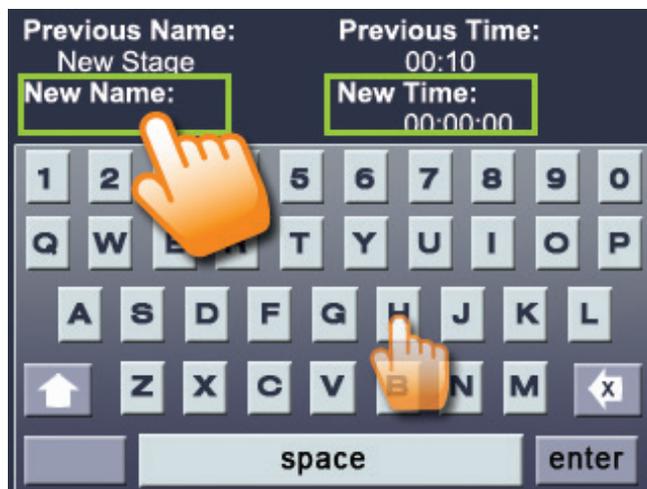
RECIPE NAME

Press the "New Recipe" letters to enter keypad in which you can type in the new food recipe's name. Maximum of 16 characters. In the event that you choose a name that has already been used, you will receive a warning notice to choose a new product name.



EDIT STAGE

Press the "New Stage" text to edit the stage name and time. Your screen will look like this:



Press the "New Name" text and type in the new stage name. Then, press the "New Time" text to enter the new stage time. Press "ENTER" to confirm your entries.

PLEASE NOTE... creating text images in Recipe Programming is not an available function in the GRILL Mode.

RECIPE PROGRAMMING (CONTINUED):



ADD A STAGE

Press the plus sign to add a new recipe stage.



DELETE A STAGE

Press the minus sign to delete or remove a recipe stage.



RIGHT/LEFT ARROWS

Press to advance or return to additional edit screens.



HELP

Press to see graphical instructions



UP & DOWN ARROWS

Press to advance to additional stages of a specific recipe. To start personalizing each recipe, you will need to enter or change the following functions/features:



COUNT MODE

Press to set count UP or count DOWN



ALARM MODE

Press to set alarm ON or OFF.



BEEP PATTERN

Press to set one of five different alarm beep pattern.



VOLUME

Press to choose one of four different alarm

volume levels. Now, Press the  arrow button to see page two of recipe programming options.



DELTA/SUM

Press to choose between Delta (Time) or Sum (Total) modes.

OR



AUTO CANCEL

Press to choose between setting the auto cancel ON or OFF.

OR



STAGE PICTURE

Press to select a new image from the library. Once in the recipe picture library, scroll left or right to find the image you want to display, press the image and then press the save/



return button, , in the lower left hand corner of the screen to return back to recipe programming.



COOK TYPE

Press to choose between a stage being a COOK or a HOLD. If choosing a HOLD stage only for a specific recipe, upon completion of the time, the product count will NOT be increased.

OR



RECIPE MODE

Press to scroll through different recipe modes. Available modes will allow a food product in the GRILL Mode to be set as BEEF, CHICKEN, PORK or OTHER.



RECIPE PROGRAMMING (CONTINUED):

- STANDARD**
- WITH PRESS**
- W/ COOL COVER**

GRILL COOK MODE

Press to scroll through different cook modes. Modes will allow a food product in GRILL Mode to be set as STANDARD, WITH PRESS or W/COOL COVER.

To delete an existing recipe, press the



icon from the Main Recipe Programming Screen. Press the food image icon that you wish to delete. You will then



see a confirmation image and be asked if you want to delete the recipe or cancel the action. If you are sure you want to delete the recipe permanently, press the button with the trash can image and the recipe will be deleted. The actual image used for the recipe will remain in the product library and if you wish to delete the image permanently from the product library that needs to be done through Manager Programming and the DELETE RECIPE IMAGES function as previously detailed.



Press the button to return back to the main Recipe Programming Screen



and then press a second time to return back to the main Grill Mode operations screen.



QUALITY TIMER or FRYER MODE OPERATION:



This is an example of what your screen may look like in Fryer Mode.

The TT-500 in Quality Holding and Fryer mode allows the operator to time up to 70 different food items at a given time. By scrolling left or right through the available recipe images, an operator can see 9 products at a time and can see 3 active cooks at a time on this main screen. Additional features will allow you to see more active times at one given moment.

QUALITYTIMER or FRYER MODE OPERATION (CONTINUED):

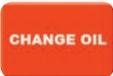
What you are seeing on the FRYER & QUALITY HOLDING TIMER MODE main screen:



OIL CYCLE COUNTER (In FRYER Mode Only)

Indicates remaining oil cycle points until

user is prompted to . Oil Cycle Counter will then turn **RED** and a point value

of 0 will be displayed. Press the  icon to continue using the timer. You will be reminded in the future to CHANGE OIL. This time is programmable via the Manager Programming area. To reset the OIL CYCLE COUNTER value to the original programmable value, simply press the counter, you will then see the Oil RESET

prompt,  and press either the YES or NO button.

What you are seeing on the FRYER & QUALITY HOLDING TIMER MODE main screen:



ACTIVE TIMES

In Quality and Fryer timer modes, push this button to see a list of up to 9 products currently being timed. They will appear in least to most time remaining/stage order.



BUILD

Press to access the Product Build Library. Then press a food item to see the build procedure assigned to that product.



HELP

Press to see graphical instructions of the operating mode you are in.



MODE INDICATOR

Indicates that you are currently in the Quality Holding Mode...or...



MODE INDICATOR

Indicates that you are currently in the FRYER Mode.



PROGRAMMING

Press to access the Recipe, Employee, Manager or Service Level Programming Screens.

BASIC OPERATION OF THE FRYER & QUALITY HOLDING TIMER MODE:



START A COOK CYCLE: Press any food item to begin cook count cycle. Once cook cycle is started, the food item you have chosen will be outlined in **GREEN**.

After a stage of a specific recipe has been completed, the food item will flash and be outlined in **YELLOW**. If manual cancel stages are enabled, press the food image to silence the alarm.

When a food item has completed its entire cooking cycles, it will flash and also be outlined in **RED**. An audible alarm, if enabled, may also be heard.

MANAGER PROGRAMMING:

To access Manager Programming Mode in either the FRYER or QUALITY HOLDING modes, press the following:



BRIGHTNESS

Tap this icon to scroll through the 5 levels of screen brightness.



MASTER VOLUME

Tap this icon to hear the four master sound levels... from mute to loud.



USER FAVORITES

Tap this icon to see which Day Part setting you are currently in.



BEEP PATTERN

Each time you tap this icon, you will hear one of 5 distinct alarm tones that will be used as a default sound for your products.



TIME DIM

Press this icon to dim the screen to one of the pre-programmed brightness levels after a certain amount of time. Make sure to save your settings by pressing the SAVE



key when you are done.

MANAGER PROGRAMMING (CONTINUED):



COPY TO USB

Insert a USB thumb drive into the USB port on the bottom left-hand side of the TT-500 timer. Then, press the Copy to USB icon. You will then be asked to “Enter Name for Settings (8 Characters only... and no spaces in between letters)” After entering the 8 character file name of your choice, press the “ENTER” key and you will then see



. This will be an indication that the files are copying and it should take a few minutes to complete. Once completed, you will return to the Manager Programming Screen.



COPY FROM USB

Insert a USB thumb drive into the USB port on the bottom left hand side of the TT-500 timer. Then, press the Copy From USB icon. You will then see any recipe folders that are available for downloading from the USB Thumb Drive. Press the file that you want to download (the file name will then be outlined in purple) and then press the folder icon



to begin the download. You will

again see the  icon to indicate that the files are copying. Once completed, the timer will reboot and the new recipe files will be used.



DAY PART SCHEDULE

Press this icon to program the day part schedule. You can choose the start time of each day part option: morning, afternoon, evening or late night:



After choosing a day part, enable the alarm by pressing the ALARM icon and then programming in the time of the day you would like each day part to begin.



Press the  SAVE icon to keep your settings.



Touch the BACK  icon to return to System Programming Main Menu.



SELECT USER MODE

Press this icon to toggle between the three operating modes on the TT-500 timer. You will have the option of choosing the Grill (Forward or Reverse Order), Quality Hold or Fryer Timer Modes. The mode you are currently in will be highlighted in GREEN. Pressing another user mode will reboot the timer and will take a few minutes to load the new images and recipes.



PRODUCT COUNTS (VIEW AND/OR DOWNLOAD)

Press the PRODUCT COUNTS icon to access this feature which will show you how many cooks/holds that have at least been 25% completed. To clear a product's count, just tap the food image and it will be reset to 0.



Press the  icon and a text file will be copied to a USB thumb drive if inserted into the USB port on the bottom of the timer.

MANAGER PROGRAMMING (CONTINUED):



STORE ALERT SETTINGS

Your TT-500 timer can be programmed to have up to 10 (ten) programmable store alerts. Each can be programmed to be a single or a repeating store alert.

An example of a **single alert** is a reminder to perform preventative maintenance on an appliance at the same time every day.

An example of a repeating alert is a reminder to employees to wash their hands every 30 minutes. To set a Single daily alert, you will need to program the repeat time (Min) to read "0000." Then program the top time to when you would like the alarm to notify your employees. Also, remember to activate the alarm by pressing the clock image on the right-hand side of the screen. The icon should NOT have a red cancel circle for the alarm to be activated.



INACTIVE/ACTIVE

To set a Repeating daily alert, you will need to program the frequency of the repeating alarm by programming the "Repeat Time" either up or down. Save your settings by



pressing the  icon and then return to the Store Alerts Main Programming



Screen by pressing the  icon. Return to the Main Programming Screen by

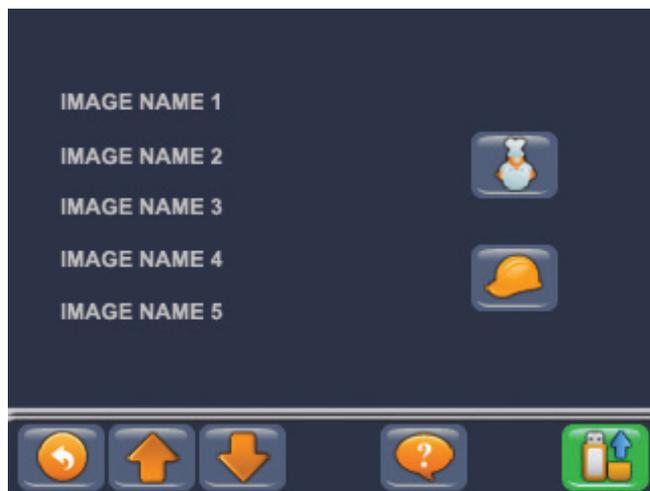


pressing the  icon again.



UPLOAD IMAGES TO TT-500 LIBRARY

1. Insert a USB memory stick into the TT-500.
2. Press the UPLOAD IMAGES icon. You will then see a list of available .bmp images on your thumb drive that can be loaded into the timer as either a recipe or build screen image.



Find the image that you want to upload (using the UP/DOWN arrow keys to view more images), press the name (once chosen, it will be outlined in purple) and then press



either the Recipe  or Build Screen



 icon on the right hand side of the screen. The image will then be downloaded. Once you have copied the desired images to



the timer, press the return button,  and the timer will reboot with the new images loaded into the desired recipe or build screen library.



RESTORE PASSWORD

Press this icon to restore passwords back to factory defaults.



DELETE RECIPE IMAGES

Press this icon to view a screen shot of all available food icon images for the specific operating mode you are in. Simply touch the food icon which you wish to delete, and it will be removed from the product library.

MANAGER PROGRAMMING (CONTINUED):



CREATE/EDIT/DELETE BUILD IMAGES

Press this icon to create, edit or delete any build categories or images.



Press the  icon to add a new Build Category Folder. Then, type in the new folder's name and then press "ENTER" on



the keypad. Then press the  icon again to see the Build Screen Summary



Image then press the  icon again to add the full screen Build Image that will be displayed.

To Delete or Edit a Build Category Folder or



Image, simply press the



icon and you will be prompted to



or . Press the "trash can" to confirm that the image is to be deleted. If editing the image, you can now add a new image as detailed above.



SCROLL MODE

Press this icon to toggle between viewing icons on the main product selection screen one column at a time or three columns at a time. NOTE: This function is only available when you are in the Fryer Timer or Quality Hold Timer modes.

OR



PAUSE ACTION ALARM

Press this icon to toggle between enabling/disabling the Pause Action Alarm feature. By

OR



enabling the feature,  the count down time will be paused when an action alarm or stage alarm is activated. By disabling



the feature,  the time related to a recipe will continue to count up/down even if an action alarm is activated. For example, if the Pause Action Alarm is activated, an action alarm goes off at 2:30 for stage one of a burger. The remaining time, 2:00, will not begin to count down until the action alarm has been acknowledged...



OIL MANAGEMENT (FRYER Mode Only)

Press this icon to access the Oil Management Main screen.

- Once open, you can Enable  or

Disable  the function

- Edit Total Oil Life  By assigning your Oil a point value of 1-100, where at the end of an individual cook, points will be deducted from the total value until a value of 0 is reached and you will be prompted to Change Oil.

- Edit Recipe Value  Here, you can assign point values from 0-10 for each product on your main product screen.

- Prompt Time Out  Here, you can program in Hours & Minutes how often you will be reminded to Change the Oil after receiving the initial "Change Oil" prompt on the main operational screen.

RECIPE PROGRAMMING:

To access Recipe Programming Mode, press the following:



You will not be able to see the default recipe that are active in your TT-500 timer. To add a

new recipe, press the  icon. You will then be directed to a screen that will initially look like this:



No Image Selected

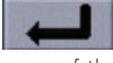
ADD IMAGE

Press image location to select a new image. Scroll through any and all available .bmp images that are loaded into the product recipe library folder .

New Recipe

RECIPE NAME

Press the "New Recipe" letters to enter keypad in which you can type in the new food recipe's name. Maximum of 16 characters. In the event that you choose a name that has already been used, you will receive a warning notice to choose a new product name.

If you decide that you would like to create a Product Image with Text only, (as detailed below), you can type in a total of 16 characters for the recipe name. The text image feature will allow a maximum of 8 characters on two lines of text on the button. If you wish to separate the recipe name into two lines before you enter the 8 characters, simply press the  button on the lower left hand corner of the keyboard display and that will create line 2 of your recipe or stage name entry.

Stage Time
New Stage
00:10

EDIT STAGE

Press the "New Stage" text to edit the stage name and time. Your screen will look like this now:



Press the "New Name" text and type in the new stage name. Once pressed, you will see a green box outlining the New Name section of the display. If creating a new Text Image and you want the name to be on two lines, press the  button prior to typing in 8 characters and it will create the second line of text. Then, press the "New Time" text to enter the new stage time. Again, once pressed, you will see a green box outlining the New Time section of the display. Press "ENTER" to confirm your entries.

RECIPE PROGRAMMING (CONTINUED):



ADD A STAGE

Press the plus sign to add a new recipe stage.



DELETE A STAGE

Press the minus sign to delete or remove a recipe stage.



RIGHT/LEFT ARROWS

Press to advance or return to additional edit screens.



BMP IMAGE / CREATE TEXT BUTTON Color

Pressing this button to scroll through 15 different color buttons that you can choose from for the background color for text recipe images. If choosing one of the 15 different colors, the name of the specific recipe will default onto the button image in the upper left hand corner of the display. If you determine you do not want to have a TEXT Image created, you can scroll through the different colors until you arrive back at the



image and you can then choose a graphical image from the available images in the product library.



HELP

Press to see graphical instructions



UP & DOWN ARROWS

Press to advance to additional stages of a specific recipe. To start personalizing each recipe, you will need to enter or change the following functions/features:



COUNT MODE

Press to set count UP or count DOWN



ALARM MODE

Press to set alarm ON or OFF.



BEEP PATTERN

Press to set one of five different alarm beep pattern.



VOLUME

Press to choose one of four different alarm



volume levels. Now, Press the arrow button to see page two of recipe programming options.

RECIPE PROGRAMMING (CONTINUED):



DELTA/SUM

Press to choose between Delta (Time) or Sum (Total) modes.

OR



AUTO CANCEL

Press to choose between setting the auto cancel ON or OFF.

OR



STAGE PICTURE

Press to select a new image from the library. Once in the recipe picture library, scroll left or right to find the image you want to display, press the image and then press the save/return



button, in the lower left hand corner of the screen to return back to recipe programming. If you have previously chosen to create a new TEXT IMAGE (previously detailed) the text that you created for Each Stage Name will be used. By pressing the icon below the "Stage Picture," you will be able to scroll through 15 different colors to choose for each stage you have created.



COOK TYPE

Press to choose between a stage being a COOK or a HOLD. If choosing a HOLD stage only for a specific recipe, upon completion of the time, the product count will NOT be increased.

OR



GRAPHICS GUIDELINES

The following guidelines have been set up to maximize the TT-500 image size and resolution. Using image sizes larger than the specified pixel dimensions will result in an error on the TT-500 screen.

- **ALL** Images should be created as a 24 bit bitmap image using a program such as Microsoft Paint or with a graphics package such as Photoshop CS4.
- **ALL** image file names should not exceed 8 characters in length. Using file names longer than 8 characters may cause issues with the TT-500 reading and recognizing your new recipe images correctly.
- To create a transparent background, it is recommended to use the color R0, G0, B32 as your background.

In Grill Mode:

Recipe & Stage Alert Images need to be 43 pixels wide X 33 pixels tall

Build Summary Images need to be 73 pixels wide X 44 pixels tall

Build Screen Images need to be no more than 320 pixels wide X 197 pixels tall

Store Alert Images need to be no more than 73 pixels wide X 44 pixels tall

In Timer & Fryer Modes:

Recipe & Stage Alert Images need to be 73 pixels wide X 44 pixels tall

Build Summary Images need to be 73 pixels wide X 44 pixels tall

Build Screen Images need to be no more than 320 pixels wide X 197 pixels tall

Store Alert Images need to be no more than 73 pixels wide X 44 pixels tall

In the event that the image you have loaded into the TT-500 is larger than the specified dimensions listed above, when you try to look at the image when it is in use you will see either a Red or Green "X" followed by the file name. This will indicate that there is a problem with the image size and it needs to be adjusted by the user.

Operating a (FASTIMER)[®] Model TT-500 Multi-Product LCD Touchscreen Timer with Selectable Modes: Fryer, Quality Holding or Grill

LINKS TO EXTERNAL WEBSITES

There are many free tools on-line from which you can create your own icons, text buttons and countless different colored food recipe icons. Some include, but are not limited to the following:

<http://www.glassybuttons.com/glassy.php>

<http://css-tricks.com/examples/ButtonMaker/>

<http://dabuttonfactory.com/>

<http://www.buttonator.com/>

<http://www.swishit.com/FreeFlashButtons.html>

<http://jirox.net/AsButtonGen/>

<http://www.iwebtoolsonline.com/html-and-css-rounded-corner-button-generator>

<http://kalsey.com/tools/buttonmaker/>

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Want to learn more about Kitchen Brains[®] products?

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www.KitchenBrains.com

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.

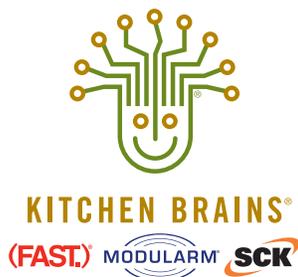
We guarantee shipping of a replacement unit the same day, via second day air- freight pre-paid for all orders received by 2:00PM EST, which allows for processing time before collection by our shipping carrier. Overnight shipping can be chosen for an additional \$20 if needed. We ship the replacement 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 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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