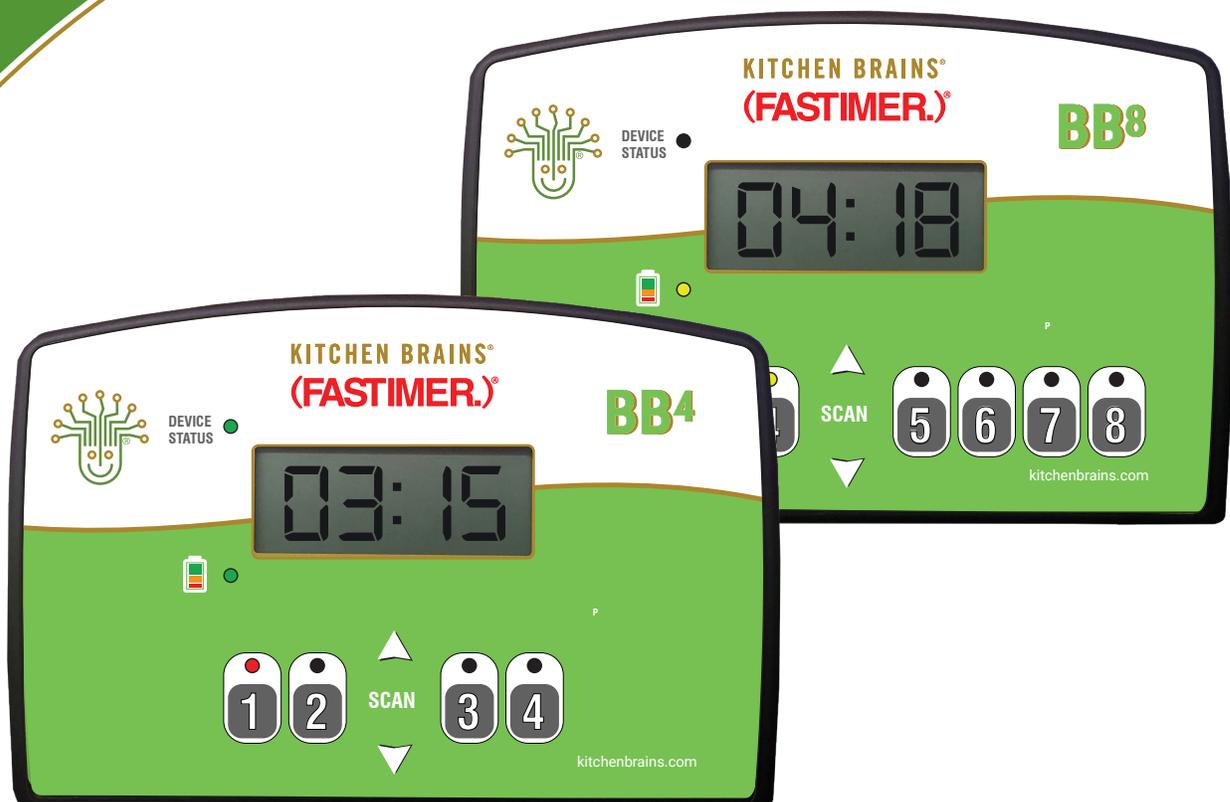


OPERATING MANUAL

FOR THE BB4 AND BB8 TIMERS



SAVE THESE INSTRUCTION FOR FUTURE REFERENCE.

24/7 Toll-Free Technical Support

1-800-243-9271

(From the U.S., Canada and the Caribbean)

kitchenbrains.com



NOTICES

Before you start, please read entire manual.

Thank you for your purchase. In choosing Kitchen Brains, you have chosen a product with over 50 years of innovation and quality manufacturing behind it. The BB Timer is designed to simplify your timing process and allow your foodservice operators to spend more time with customers and manage other important responsibilities. Quality control of your food product is assured through the various features, notification displays and alarms designed into the BB Timer.

There are three modes of operation on the BB Timer:

- Idle Mode: Shows Real Time Clock.
- Operating Mode: Used to time 4- or 8- product cycles.
- Product Programming Mode: Used to add or modify features and timing functions parameters.

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 question on it's operation, please consult and follow all instructions and safety warnings found in this manual.

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, please verify 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. This may damage the controller's overlay.

Installation

1. Install Batteries:

- Remove battery holder cover and install 4 new, fully-charged, 1.5V AA batteries.
- All LEDs will blink once for 2 seconds.
- Display will show the following information:
 - Test all segments: 88 88**
 - Software and revision numbers in two second intervals**
- After initialization, the display will show the Real Time Clock with colon blinking every second (Idle Mode).
- Status LEDs will blink for 1 second every 30 seconds. Battery status LED will indicate battery status using the following colors:
 - Green:** Good battery level
 - Amber:** Warning. Battery is approaching low level.
 - Red:** Battery needs replacement

2. Choose your mounting location.

- If required, a mounting bracket is sold separately. To install, attach the two mounting brackets to the controller using the two wing nuts provided. Be sure to put one star washer on each side of the mounting bracket.



Table of Contents

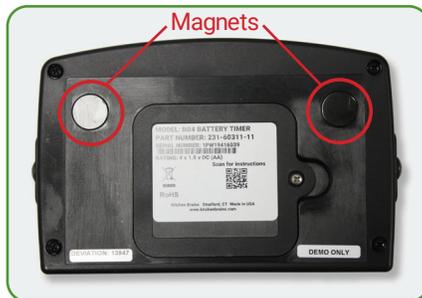
Notices	2
Mounting Options	3
Key Descriptions / Features	4
Display Descriptions	4
System Setup/ Feature Programming	5
System Setup/ Programming	5
Operating the Timer	6
Cooking Time Programming	6
Accessories	7
Customer Service and Technical Assistance	7

MOUNTING OPTIONS

No Installation Required

1. BB Timers have a magnetic backing, so they can be placed on most metal surfaces within the kitchen.
2. For a more permanent positioning, a mounting bracket is available.
3. If being placed where there is no metal surface, you can order a mounting plate that will hold the BB Timer by its magnets.

1 Magnetically (No Plate)



2 Mounting Bracket to Horizontal Surface



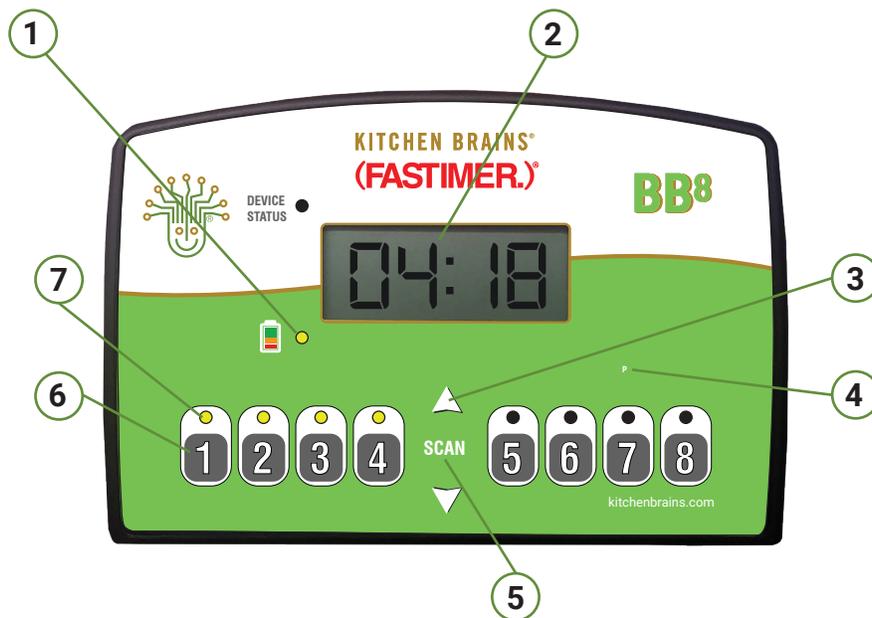
213-50766-03 Kit with mounting brackets

3 Mounting Plate to a Vertical Surface (Dry Wall)



213-50788-01 Kit Magnetic mounting plate

KEY DESCRIPTIONS / FEATURES



Features

- 1. STATUS LEDS:** Shows device status and battery status.
- 2. ACROSS-THE-ROOM MONITORING:** 7-Segment Digital LCD Display. Easy-to-read display allows employees to quickly check the status of the timer from across the room.
 - Shows Real Time Clock while in Idle Mode.
 - Shows countdown (count up) in hours, minutes and seconds
 - Shows time remaining for active product key
 - Displays features for programming mode
- 3. UP and DOWN ARROW KEYS:** In Programming Mode increases or decreases increments for the time or feature.
- 4. PROGRAMMING KEY ("P"):** Used to start Programming Mode / save programmed parameters.
- 5. SCAN KEY:** In Programming Mode, used to program timer features. In Operating Mode, used to scan remaining time in active keys.
- 6. PRODUCT KEYS:** In Programming Mode, used to program timers. In Operating Mode, used to start / stop timing cycles.
- 7. ONE (1) LED PER PRODUCT KEY:** When blinking or flashing, indicates channel is in use.

DISPLAY DESCRIPTIONS



Timer is in Idle Mode.
Time of day is shown on the LCD

Timer is in Product Key Programming mode. Time is being programmed



Timer is in Operating mode.
Remaining time is shown on the LCD

Timer is alerting staff to sanitize



Timer is in Idle Operating Mode and timing cycle has been completed

SYSTEM SETUP / FEATURE PROGRAMMING

SYSTEM SETUP / PROGRAMMING (UNIT MUST BE IN IDLE MODE)

<p>Set Volume Level</p>	<ul style="list-style-type: none"> • Press and hold the Programming Key ("P") for 3 seconds. LCD will show "Prod" • Press and hold Scan Key for 3 seconds. LCD will alternately display "PrE" and "no" • Press the "P" Key. LCD will alternately display "Loud" and "L 1" • Press "▲" until desired volume level is reached "L1: Low, L2: Med, L3: Loud" • Press the "P" Key until the Real Time Clock is displayed (or "--:--"). 	
<p>Change Count Up / Count Down Ability/or Repeating Alarms</p>	<ul style="list-style-type: none"> • Press and hold the Programming Key ("P") for 3 seconds. LCD will show "Prod" • Press and hold Scan Key for 3 seconds. LCD will alternately display "rEPa" with "YES" and "no" • When set to "YES" the countdown will repeatedly beep 5 times and flash a choice of actions (Hand or Sani) when the unit reaches 0:00 and then automatically resets for another interval. • Press "P" for "rEPn" with "YES" or "NO" When set to "YES" the countdown will repeatedly beep 5 times and flash a choice of actions (0:00 Hand or Sani) when the unit reaches 0:00 until the user presses the key to acknowledge the timer/ alarm and then resets for another interval. <p>If Repeating Alarms are programmed, the following choices are available after pressing the "P" key.</p> <ul style="list-style-type: none"> • LCD will display rEST - This is the RTC start time, the recurring alarms will begin on a daily basis. Set time. • Press "P" for rEEn - This is the RTC end time, the recurring alarms will stop, recurring and any active alarms will be cleared. • Press the "P" Key several times until "Prod" is shown on the screen, then press "P" one more time to exit the programming. <p>The interval is based on the time set on each product Timer if repeating alarms are set. Example: Key 1 = 30 minutes to change gloves/wash hands Key 2 = 2 hours to change sanitize bucket</p> <p>Timer will repeat all day between the Start Time (opening hours) and the End Time (closing hours) based on store.</p>	
<p>Setting PreAlarms (Only available when repeating alarms is not selected)</p>	<ul style="list-style-type: none"> • Press and hold the Programming Key ("P") for 3 seconds. LCD will show "Prod" • Press and hold Scan Key for 3 seconds. LCD will show "rEPa", press "P" key until LCD shows "PrE" alternating with "YES" or "no". • Press "P" two times until "CtuP" alternates with "YES" or "no". Press "▲" until "YES" is selected. 	
<p>Enable Count-Up Timer after Cook Time expires</p>	<ul style="list-style-type: none"> • Press and hold the Programming Key ("P") for 3 seconds. LCD will show "Prod" • Press and hold Scan Key for 3 seconds. LCD will alternately display "PrE" and "no" • Press "P" 3 times until "uPEn" alternates with "YES" or "no" • Press "▲" until "YES" is selected • Press the "P" Key several times until the Real Time Clock is shown on the screen 	
<p>Program Real Time Clock</p>	<ul style="list-style-type: none"> • Press and hold the Programming Key ("P") for 3 seconds. LCD will show "Prod" • Press and hold Scan Key for 3 seconds. LCD will show "PrE" alternating with "YES" or "no" • Press "P" four times until "rtc" alternates with "YES" or "no". Press "▲" until "YES" is selected • Press "P" again and use "▲" and "▼" to update Real Time Clock in 12:00 format • Press the "P" Key until "Prod" is shown on the screen, then press "P" one more time • If no is selected unit will show "--:--" in idle mode (currently the unit is blank when no is selected). 	

OPERATING THE TIMER

TIMER PROGRAMMING

<p>Set Program Timer key</p>	<p>Press and hold the Programming Key (“P”) for 3 seconds. LCD will display “Prod”</p> <ul style="list-style-type: none"> • Press Product timer key. LCD will display “t1” alternating with “05:00” (default time) • Press “▲” and/or “▼” arrows to set the cooking time (Press and hold for faster change) <ul style="list-style-type: none"> o Device will switch from “MM:SS” to “HH:MM” once timer is set above 59:59 in “MM:SS” programming mode o Solid colon indicates that the time is in “MM:SS” format. Blinking colon indicates “HH:MM” format - If Prealarms are enabled: <ul style="list-style-type: none"> • Press the selected timer key again, the display will show “PrE”, using the “▲” or “▼” arrows select the prealarm time you wish an alert to occur prior to the end of the time cycle. - If Repeating Alerts are enabled: <ul style="list-style-type: none"> • Pressing the timer key again, the display will show “rES” and toggle a choice of “0:00” or “HAnd” or “Sani” using the a “▲” or “▼” arrow keys. This is a choice of selection desired at the end of the repeating alarm cycle. • Press the “P” key to save time value • Repeat for all desired product keys 	<p>The diagram illustrates the LCD display sequence during timer programming. It starts with the 'P' key being pressed, followed by the display showing 't1' alternating with '05:00'. Then, the display shows 'PrE' (with a hand icon pointing to the 'P' key), 'rES' (with a hand icon pointing to the 'P' key), and finally three options: '0:00', 'HAnd', and 'Sani' (each with a hand icon pointing to the 'P' key).</p>
-------------------------------------	--	---

TIMER OPERATION

<p>Activate Timer</p>	<ul style="list-style-type: none"> • Press product key. LCD will display the remaining time counting down (Note: Solid colon indicates that the time is in “MM:SS” format. Blinking colon indicates “HH:MM” format) • The LED above the Product Key will blink to indicate an active timing cycle (The the product with the shortest remaining time will stay ON longer) • Press Scan Key to scan through each remaining time SCAN “P” SCAN. 	<p>The diagram shows the LCD displaying '02:20' with a hand icon pointing to the SCAN key.</p>
<p>Time Complete</p>	<ul style="list-style-type: none"> • Time completion is indicated in several ways: <ul style="list-style-type: none"> o Product LED blinks with 1 second interval o LCD will show “donE” o Timer will generate an audible alarm • Press the product key to acknowledge the timer event • When there are no active time the unit returns to Idle mode showing Real Time Clock 	<p>The diagram shows the LCD displaying 'done' with a hand icon pointing to the product key.</p>
<p>View Remaining Time</p>	<ul style="list-style-type: none"> • Press Scan Key to scan through the different active timers 	<p>The diagram shows a hand icon pointing to the SCAN key.</p>
<p>Cancel</p>	<ul style="list-style-type: none"> • To cancel a timing cycle, press and hold the Product Key 	<p>The diagram shows a hand icon pointing to the 'P' key.</p>

ACCESSORIES

Description	FAST Part Number
Kit with Mounting Brackets	213-50766-03
Kit Magnetic Mounting Plate	213-50788-01

CUSTOMER SERVICE AND TECHNICAL ASSISTANCE

Our customer service department is available for orders and questions Monday through Friday between the hours of 8 AM and 5 PM ET. In the US, Canada or the Caribbean, call us toll-free at **1-800-FASTRON (800-327-8766)** or, outside these areas, at **203-377-6860**.

Toll-free technical assistance is available 24 hours a day, 365 days a year by calling **1-800-243-9271** (from the U.S., Canada and the Caribbean) when immediate help is needed.

You can also send an email message to a Kitchen Brains™ technician, Monday through Friday, 8am-5pm ET, by going to **kitchenbrains.com**, selecting 'Contact Us' at the top of the page, and clicking on 'Technical Support'.



Timer
NSF/ANS12
<SA45245>



RoHS **CE**

You don't have time to keep track of your time.

Let BB Timers do it for you.



Monitor your Food Proofing



Monitor your Food Truck



Use the BB Timer to:



Monitor your Rethermalizing



Monitor your Buffet Line



Monitor your Holding Station



Monitor your Mixer



Monitor your Oven



Monitor your Fryer



Monitor your Grill

Save the instructions for future reference.

kitchenbrains.com

24/7 Toll-Free Technical Support

1-800-243-9271

(from the U.S., Canada and the Caribbean)

North America, Latin America

Global Headquarters

905 Honeyspot Road
Stratford, CT 06615
USA
Phone: 203-377-4414
Sales: 800-327-8766

Europe, Middle East, North Africa

31 Saffron Court
Southfields Business Park
Basildon, Essex SS15 6SS
England
Phone: +44 0 1268-544000
Sales: +44 01268-544500

South Africa

1PO Box 591357
Kengray
Johannesburg
South Africa
2100
Phone: +27 084 888 1304

China

1803, 18F
No 922 Hengshan Road
Shanghai 200030
China
Phone: +86 13 916 854 613

Asia Pacific

13A MacKenzie Road
Singapore 228676
Phone: +65 98315927

This document contains confidential information. The dissemination, publication, copying, or duplication of this document or the software described herein without prior written authorization is strictly prohibited.

All trademarks are property of Kitchen Brains. ©Kitchen Brains 2020.
229-51496B



KITCHEN BRAINS®