

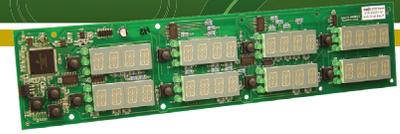
MDT Series

Single-Parameter Controls Multi-Display Timer Controls

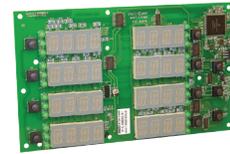
6 DISPLAYS / 8 RECIPES



8 DISPLAYS / 8 RECIPES



8 DISPLAYS / 8 RECIPES



Reliable and precise microprocessor-based value priced timer board with either 6 or 8 independent timing channels.

WHY BUY THIS PRODUCT

Cost effective appliance design for manufacture

- Reduces labor at assembly by removing point-to-point wiring
- Design flexibility of one basic model reduces SKU inventory

Reduced customer support costs

- Adaptability and serviceability enabled by using (FAST.Edit)[®] software configuration tool
- Electronic precision and durability eliminates need for recalibration

Additional Value Provided to Your Foodservice Customers

- Large, easy-to-read display viewable "Across-the-Kitchen"
- Stored recipe capability allows easier operation than 'simple' timers
- More durable than inexpensive 'stand-alone' timers

Innovatively Differentiate Your Products from the Competition

- Unique on-appliance installation eliminates the need for your customer to purchase an additional timer
- Optional communications allows connectivity for HACCP reporting and to today's automated kitchen systems

Product Features

- Simple to program by pressing program key and then selecting a product key
- Easy one-button operation enhances operator effectiveness and reduces errors
- Status indicator ranks products by the amount of cycle time remaining
- Large LED displays Hrs/Min or Min/Sec format
- Either 6 or 8 independent, large, easy-to-read 14-segment LED displays
- Five stages per product key: programmable time, name annunciation, cancel mode, prompting alarm time, and beep pattern and sound
- Peer-to-peer communications for automatic transfer from one timer to another
- Display time or product names and alarms derived from a preloaded library or user programmable
- Six unique alarm sounds make it easy for crews to know which unit is sounding
- Programmable volume levels for use in front or rear of the store without disturbing customers
- RoHS compliance reduces hazardous substances and meets all domestic and international standards

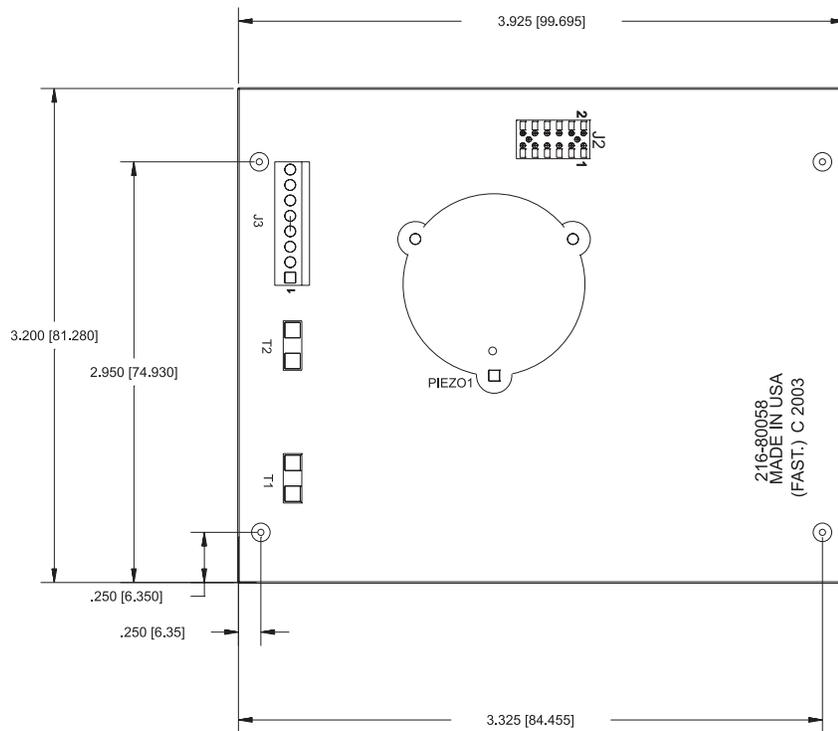
Popular Appliance Applications

- Ovens
- Fryers
- Holding Cabinets
- Proofers
- Grills & Griddles
- Rethermalizers
- Toasters
- Plus Other Applications

MDT Series Multi-Display Timer Controls

Single-Parameter Controls

POWER SUPPLY BOARD



SPECIFICATIONS

- Input Voltage: 12VDC
- Power Consumption: 25 VA
- Audible Output Devices: Piezo
Note: All Keys Rated for 10 million cycles
- User Interface (Each Timer Section)
 - (4) - 14 Segment Green LED displays
 - (3) - Green Batch Status Leds
 - (1) Product Key
- Programming Keys: (3) Program, Up Arrow, Down Arrow
- Noise Spike Protection: 4000 Volt Minimum (on timers and all properly installed controls)
- Environmental Operating Conditions: Ambient 158°F/70°C, 95% non-condensing humidity

SHIPPING WEIGHT

- Approx. .25 lbs. (0.11 Kg)

RECOMMENDED HARDWARE

- 141-10161 board connector
- 141-10468 board connector
- 150-17090R 0.25 alum. spacer
- 150-17448 6 mm nylon spacer
- 216-20001R01 12V, 25W, 100V-240 switching supply (Warranty void if non-approved power supply is used.)
- 216-20002R01 12V, 45W (Needed when two or more display boards are connected)

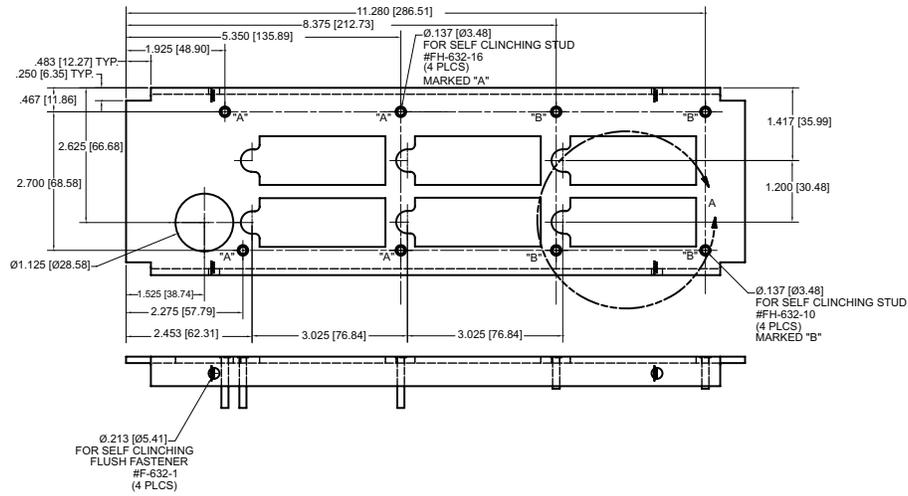
ORDER INFO

Part Number	Description	Case Qty
Consult Factory		

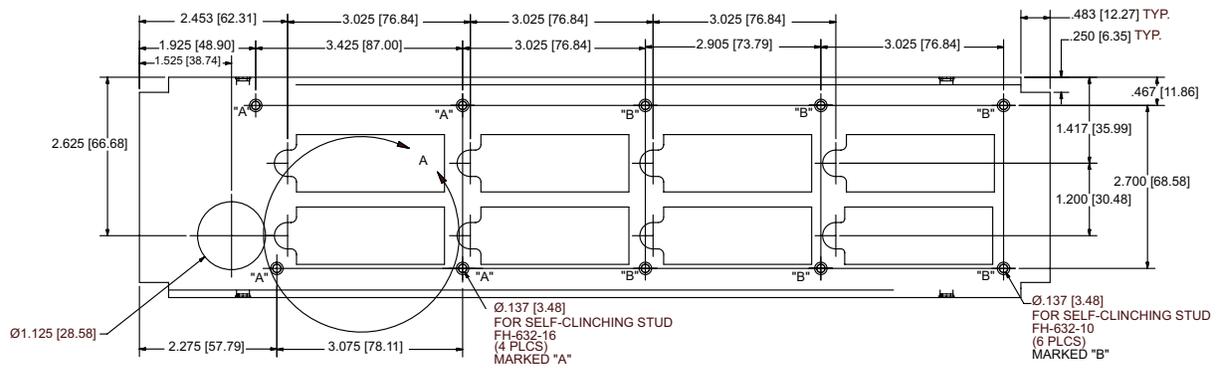
MDT Series Multi-Display Timer Controls

Single-Parameter Controls

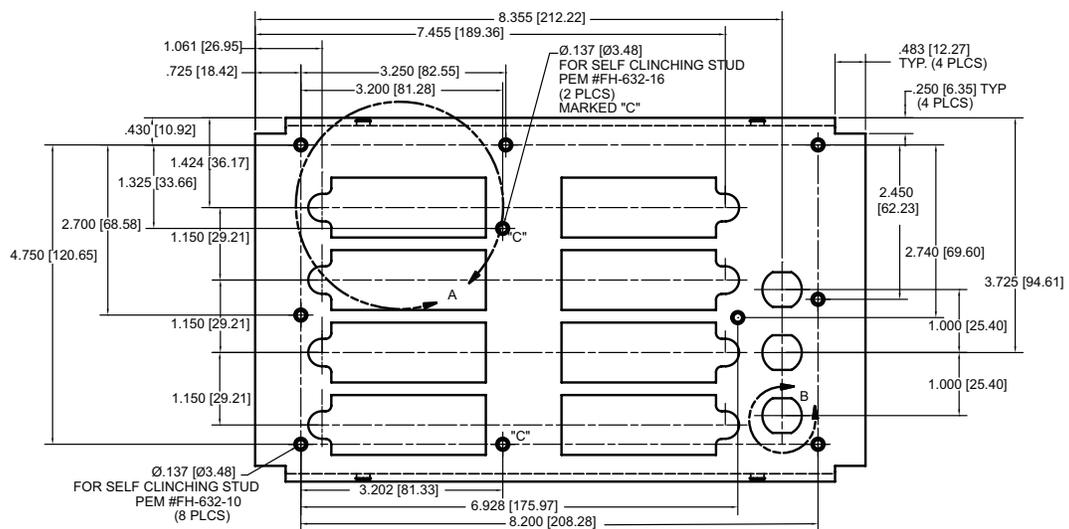
Six Display 2x3 Configuration (Recommended Sheet Metal Cutout)



Eight Display 2x4 Configuration (Recommended Sheet Metal Cutout)



Eight Display 4x2 Configuration (Recommended Sheet Metal Cutout)



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

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MDT Series Multi-Display Timer Controls

Single-Parameter Controls

Want to learn more about Kitchen Brains™ products?

Visit our website to learn about additional controls for our appliance partners:

www.KitchenBrains.com



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*when used with a gateway



229-51357



KITCHEN BRAINS

Driven by **(FAST)™** Networked by **SCK**

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WARRANTY

Kitchen Brains warrants all new timers, computers, and controllers for 1 year from the date of purchase including computers, controllers, and timers. Kitchen Brains warrants all other items for a period of 90 days unless otherwise stated at the time of purchase.

PATENTS

The products manufactured by Kitchen Brains are protected under one or more of the following U.S. Patents:

5,331,575	5,539,671	5,711,606	5,723,846
5,726,424	5,875,430	6,142,666	6,339,930
6,401,467	6,581,391	7,015,433	7,650,833
7,877,291	8,060,408		

Plus foreign patents and patents pending. Plus licensed patent 5,973,297

Family Applications

Air Boilers	Bain Marie	Beverage Dispensing
Broilers	Buffets	Cheese Melters
Coffee Dispensing	Dishwashers	Drawer Warmers
Freezers	Fryers	Grills/Griddles
Holding Cabinets	Ice Machines	Jacketed Steam Kettles
Laundry Equipment	Marinators	Ovens (Combi, Micro...)
Pasta Cookers	Product Mixers	Proofers
Refrigerators	Rethermalizers	Smokers
Steam Tables	Toasters	...and Others

What They Do: Improve food quality by eliminating 'cook-by-eye' inconsistencies and inaccurate temperatures for safety levels that meet HACCP guidelines.

TIMERS: Accurately track time with simple, easy-to-use, recipe storing timers.

TEMPERATURE CONTROLS: Accurately set and maintain appliance temperature in a repeatable setpoint with minimum overshoot and no calibration required.

Position Within Kitchen Brains™ Product Line: Entry-level Price/Performance Solutions.

Feature Highlights:

TIMERS:

- Single or dedicated display(s) per product key for annunciating product names and alarm commands
- Easily programmable with hours/minutes or minutes/seconds formatting
- Versatile count down and beep tone action alarms and batching for food quality consistency
- Compact design for installation flexibility with simple operation and hookup
- Real-time maintenance alarms e.g. clean grill, add water for steam table or holding cabinet

TEMPERATURE CONTROLS:

- Solid state electronic precision and repeatability eliminates the need for calibration
- Compact design for installation flexibility with simple operation and hookup
- Self-diagnostics with failure LEDs enhance field support
- On/off control, proportioning control, melt cycle, duty cycle, temperature offset
- Optional two stage cooking such as "Cook and Hold", or "Rethermalize and Hold" cabinet