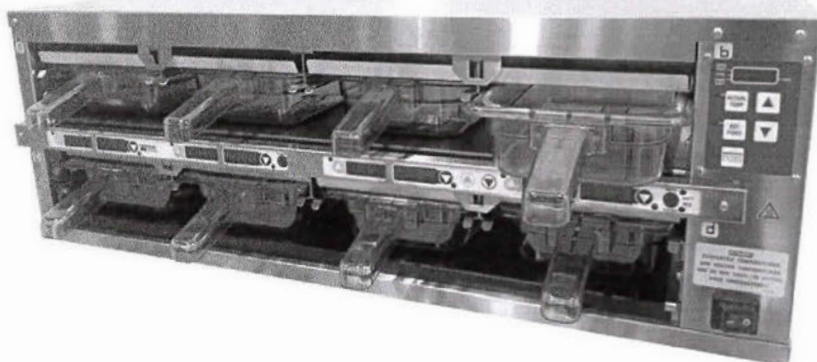


DELETE
"ORIGINAL INSTRUCTIONS"

Original Instructions Operation Manual



Extend Holding Bin
DHB-BK24 Series



LIMITED WARRANTY

This product is warranted to be free from defects in material and/or workmanship for a period of 2 years from date of original installation, not to exceed 30 months from the date of manufacture.

Any component which proves to be faulty in material and/or workmanship will be replaced or repaired (at the option of Prince Castle LLC) without cost to the customer for parts and labor. This warranty covers on location service (i.e. trip charges and or mileage). Travel mileage is limited to 100 miles (200 Kilometers) round trip (one trip warranty) from an authorized service agency or its sub-service agency.

This warranty is subject to the following exceptions/conditions:

- Use of any non-genuine Prince Castle parts voids this warranty.
- All labor to be performed during regular work hours. Overtime premium (the incremental amount) will be charged to the customer.
- Damage caused by carelessness, neglect and/or abuse (e.g., dropping, tampering or altering parts, equipment damaged in shipment, by fire, flood or an act of nature) is not covered under this warranty.
- All problems due to operation at voltages other than that specified on equipment nameplates are not covered by this warranty. Conversion to correct voltage is the customer's responsibility.
- This equipment must be serviced by Prince Castle Authorized Service Agency or a Prince Castle Service Technician during the warranty period.

Note: When connected to the Kitchen Minder, the Transfer and Menu functions are disabled on the button bar.

TABLE OF CONTENTS

Safety Information	2
Electrical Specifications	2
Product Identification	2
Installation	3
Operation	4
Cleaning	5
Setting the Temperature	6
Calibrating Heaters	7
Selecting Day Part, Breakfast and Regular Menus	7
Changing the Hold and Cook-More Times	8
Changing Product Names	9
CastleNet® Communications Network	10
Factory Presets	11
Troubleshooting	12
Wiring Diagram	12
Exploded View and Parts List	13



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Fax: 630-462-1460 • www.princecastle.com

Extend Holding Bin DHB-BK24 Series



Safety Information

WARNING

Indicates information important to the proper operation of the unit. Failure to observe may result in damage to the equipment and/or severe bodily injury or death.

CAUTION

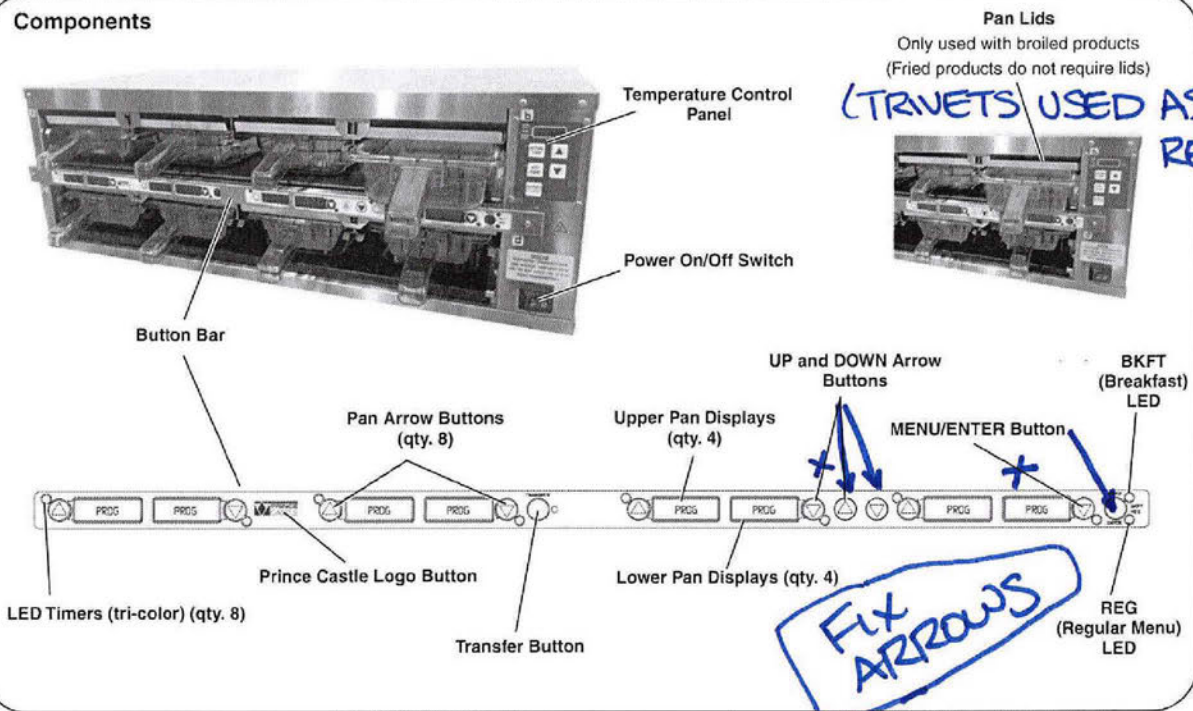
Indicates information important to the operation of the unit. Failure to observe may result in damage to the equipment.

Electrical Specifications

Model No.	Volts	Watts	Amps	Hz
DHB-BK24E	208 – 240	2500	8.7 – 10.5	50/60 UL
DHB-BK24AE	208 – 240	2500	8.7 – 10.5	50/60 UL
DHB-BK24ECE	220 – 240	2300	10.0	50/60 CE
DHB-BK24AECE	220 – 240	2300	10.0	50/60 CE

Product Identification

Components



Important

Prince Castle reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

Installation

- 1** Remove the unit from the carton and inspect for signs of damage. If there is damage to the unit:
- notify the carrier within 24 hours of delivery
 - save carton and packaging materials for inspection purposes
 - contact your local dealer, or if purchased directly, the Prince Castle Sales Department at 800-722-7853 or 1-830-462-8800 to arrange for a replacement unit.

NOTE: When installing this unit, the ambient temperature at the mounting site should not exceed 100°F (38°C).

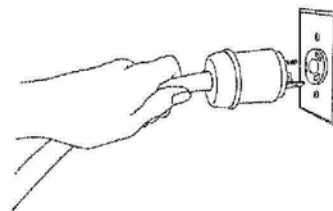
Plug the power cord into the proper electrical receptacle. All electrical connections must be in accordance with local electrical codes and any other applicable codes.

If the unit is to be networked with other Prince Castle units, refer to the CastleNet® Communication Network section in this manual for installation instructions.

- 2** Place Extend Holding Bin on flat surface. Remove blue and/or white protective covering.

NOTE: When installing this unit, the ambient temperature at the mounting site should not exceed 100°F (38°C)

- 3** Plug unit in. Plug unit into a grounded receptacle with a matching plug configuration.



⚠ WARNING

All electrical connections must be in accordance with local electrical codes and any other applicable codes. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

To prevent an electric shock hazard this device must be bonded to equipment in close proximity with an equipotential bonding conductor. This device is equipped with a grounding lug for this purpose.

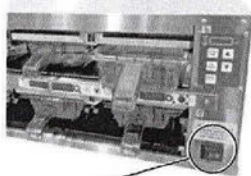
Extend Holding Bin DHB-BK24 Series



Operation

- 1** Turn power On/Off switch (A) to ON position.

Load pan covers (if used) and insert pans into the unit.



(A)

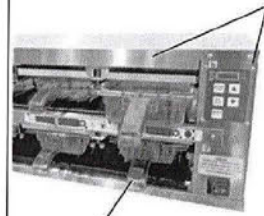
Allow 20 minutes for heaters to reach operating temperature. The Temperature Display will read "----" until unit is warmed up, then display will show pre-programmed operating temperature.

- 4** When LED is steady RED, load product and press the Pan Arrow button.

If more than one pan is active for a product, the LED for the first pan loaded will turn from RED to GREEN.

The LED for the 2nd pan loaded with the same product will turn from RED to YELLOW.

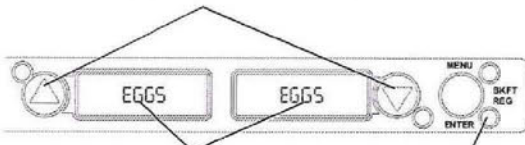
An LED timer can be stopped (cancelled) at any time by pressing and releasing the corresponding Pan Arrow button.



If only one pan is active for a product, the LED will turn from RED to GREEN.

THE
NOT
AN

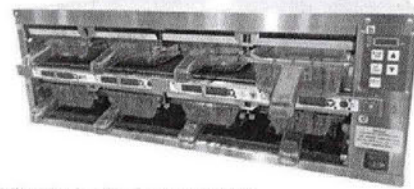
- 2** Press all Pan Arrow buttons. The Pan displays will show the assigned product name.



If no product is assigned, the display will be dim and show "----". Pressing the Pan Arrow button will not activate the timer if "----" is displayed. Pressing Pan Arrow button when product name is displayed will start timing cycle.

BKFT (Breakfast) or REG (Regular Menu) will be lit depending on pre-programmed menu.

- 5** When any of the timer LEDs flash, cook more product or remove and discard product as indicated.



GREEN (flashing) = Cook more product
YELLOW (flashing) = Cook more product
RED (flashing) = Discard product

WARNING
Hot surfaces.

- 3** LED Timing Status



LED Timers

RED (steady) = Ready for product
RED (flashing) = Discard product
GREEN (steady) = Oldest product, use first
GREEN (flashing) = Cook more product
YELLOW (steady) = Newer product, use green first
YELLOW (flashing) = Cook more product

- 6** Product, along with any remaining time, can be transferred from one cavity to another as follows:

A. Press and release the TRANSFER button. All displays will flash between bright and dim.

C. Press and release the TRANSFER button again.



B. Press and release the Pan Arrow button of the product to be moved. All displays except this one will stop flashing.

D. Move the product. Press and release the Pan Arrow button for the new location. The new location will finish timing the product. When the transferred pan timing expires, location will revert to original menu setting.

NOTE: If product transfer is not completed within a pre-programmed transfer time, the transfer will be cancelled. See your Manager.

Operation (continued)

7 To change a menu selection for a specific pan cavity, use the following steps:

A. Press and hold the PRINCE CASTLE LOGO button for 6 seconds. All Pan displays will show *PRG5*. All LED Timers will be RED.

C. Press the UP or DOWN Arrow button to scroll to the desired menu item.

D. Press the MENU/ENTER button to select the menu item.

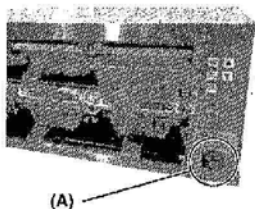


B. Press a Pan Arrow button to change the menu. The LED Timer will change to YELLOW and the display will change from *PRG5* to the assigned menu item.

E. Repeat steps A – D as required for other Pan displays. Press the PRINCE CASTLE LOGO button to exit the Program Mode.

NOTE: A pan may be set as "not used" by assigning "----" as its product.

8 To shut down the unit, turn the power On/Off switch (A) to OFF.



Cleaning

WARNING

Before performing any maintenance, turn the power switch to the OFF position and unplug the power cord from the electrical receptacle.

CAUTION

This unit is not watertight. Do not clean with a water jet/jet spray. Do not immerse the unit in water.

1. Turn the unit off and unplug the power cord from the electrical receptacle.
2. Remove the pans and covers. Wipe all parts and unit with a damp cloth. DO NOT use a green Scotch Bright pad cleaner, ice or water.

Setting the Temperature

- 1** The unit has two shelves, each with an upper and lower heater (four heaters total).
The factory pre-set for the two upper heaters is 225°F (107°C).
The factory pre-set for the two lower heaters is 195°F (91°C).
Each heater has a programmable range of 150° – 275°F (66° – 135°C).
Use the control below and the following steps to set the setpoint temperatures for each heater.

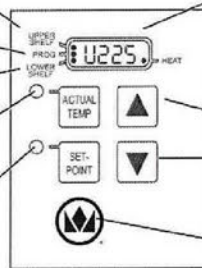
UPPER SHELF LED
This LED will be lit to indicate upper shelf is selected.

PROG LED
This LED will be lit to indicate unit is in Program Mode.

LOWER SHELF LED
This LED will be lit to indicate lower shelf is selected.

ACTUAL TEMP BUTTON and LED
Press to display actual temperature for the selected heater. LED will be lit when actual temperature is displayed.

SETPOINT BUTTON and LED
Press to display setpoint temperature of a selected heater. LED will be lit when setpoint temperature is displayed.



TEMPERATURE DISPLAY

U = Upper Heater
L = Lower Heater

NOTE: The unit is preset to display temperature in Fahrenheit. To display in Celsius, press and hold the DOWN Arrow button immediately after turning on the power switch. To switch back to Fahrenheit, press and hold the UP Arrow button after turning on the power switch.

UP/DOWN ARROW BUTTONS

Used with other Buttons to scroll through heater and temperature selections.

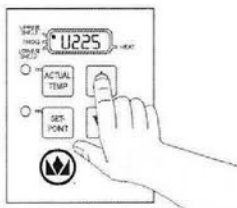
PRINCE CASTLE LOGO BUTTON

Press to enter temperature selections.

CAUTION
DISPLAYED TEMPERATURES
ARE HEATER TEMPERATURES
AND DO NOT INDICATE ACTUAL
FOOD TEMPERATURES.

NOTE: To reset all times and temperatures to the factory settings, turn the unit off, then press and hold the UP and DOWN Arrow buttons simultaneously while turning the unit back on. A "P" will appear in the display and all times and temperatures will be reset to original factory settings.

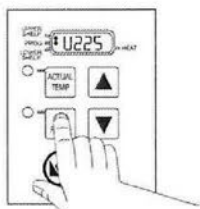
- 2** Press the UP or DOWN Arrow button until the desired shelf LED and upper (U) or lower (L) heater is selected.



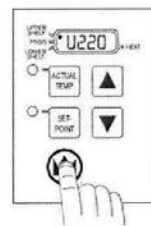
- 4** Press the UP or DOWN Arrow button until the desired setpoint temperature is displayed.



- 3** Press and hold the SETPOINT button and the PRINCE CASTLE LOGO button for 5 seconds. The Program LED will light.



- 5** Press the PRINCE CASTLE LOGO button to save the new setpoint value. Repeat Steps 2 – 5 to change the setpoint for any other heater.

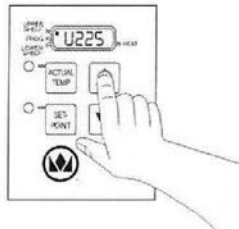


NOTE: ONLY APPLICABLE IN STAND ALONE MODE WHEN NOT CONNECTED TO PRODUCT MANAGEMENT SYSTEM.

Calibrating Heaters

- 1** Use the following steps to calibrate the individual heaters.

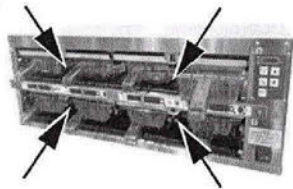
NOTE: Allow sufficient amount of time for temperatures to stabilize before starting calibration.
Press the UP or DOWN Arrow button until the desired shelf LED and upper (U) or lower (L) heater is selected.



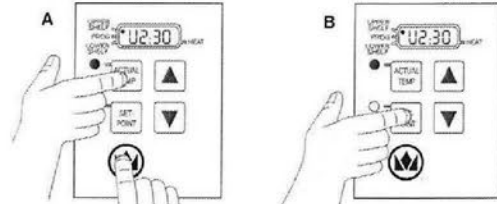
- 2** Take a temperature reading within the shelf near the center of each heater surface.

Use a stand-alone temperature meter (not supplied).

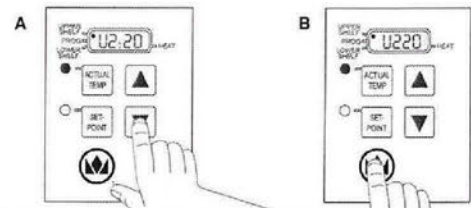
WARNING
Hot surfaces. Use caution when taking temperature readings within the shelf.



- 3** A. Press and hold the PRINCE CASTLE LOGO and ACTUAL TEMP buttons for 5 seconds. The colon (:) LED indicator will light. The temperature displayed is the actual heater temperature sensed by the controller.
B. To clear any offset readings, press the SETPOINT button.



- 4** A. Press the UP or DOWN Arrow button until the temperature displayed matches the reading obtained in Step 2.
B. Press the PRINCE CASTLE LOGO button to save the temperature value and exit the Calibration Mode.

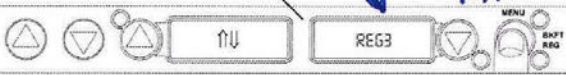


DELETE "DAYPART" →

Selecting Day Part, Breakfast and Regular Menus

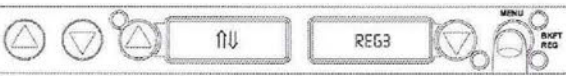
- 1** There are six menus available:
BKFT LED ON = Breakfast1 or Breakfast2
REG LED ON = Regular1, Regular2, Regular3, or Regular4
Press and hold the MENU/ENTER button, then use the UP or DOWN Arrow button to scroll through the 6 menus.

When scrolling, menus appear in this display.

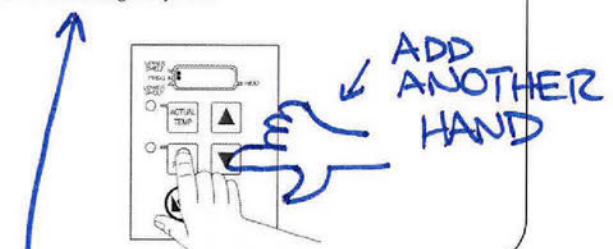


- 2** When the desired menu is displayed, release the MENU/ENTER button. The food products for the menu will be displayed in the upper and lower Pan displays.

When you change to a new menu, any timers started before the change will flash the product name from the previous menu. Press the Pan Arrow button next to the flashing display to cancel the timer and stop the display from flashing.



- 3** Press and hold the SETPOINT button and the DOWN Arrow button to change Day Part.



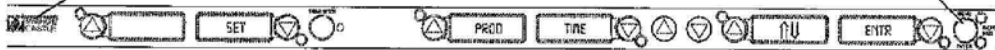
FOR 3 SECONDS
TO CHANGE THE MENU.
NOTE: ONLY APPLICABLE IN
STAND ALONE MODE WHEN NOT
CONNECTED TO PRODUCT

Changing the Hold and Cook-More Times

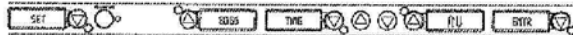
- The SET PRODUCT TIME menu is used to change the Hold and Cook-More times.
Press and hold the PRINCE CASTLE LOGO button, then immediately press and hold the MENU/ENTER button until the display shows one of four programming menus.
Use the UP or DOWN Arrow button to scroll to the SET PROD TIME 1 ENTR (Set Product Time) menu.

PRINCE CASTLE LOGO Button

MENU/ENTER Button

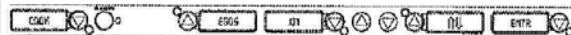


- Press and release the MENU/ENTER button to enter the Set Product Time menu. The display will show SET EGGS TIME 1 ENTR. Use the UP or DOWN Arrow button to scroll through the list of products. When the desired product is displayed, press the MENU/ENTER button to select it.

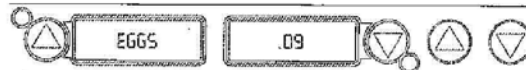


NOTE: Holding the UP or DOWN Arrow button for longer than 2 seconds will cause the product list to automatically scroll up or down.

- The display will show COOK EGGS .01 1 ENTR.

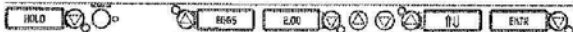


Use the UP or DOWN Arrow button to scroll to the desired Cook-More time. When the desired Cook-More time is displayed, press the MENU/ENTER button to save it.

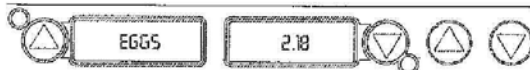


NOTE: Cook-More time cannot be increased to more than the Hold time plus one minute.

- The display will show HOLD EGGS 2:00 1 ENTR.



Use the UP or DOWN Arrow button to scroll to the desired Hold time. When the desired Hold time is displayed, press the MENU/ENTER button to save the desired Hold time.



NOTE: Hold time cannot be reduced to less than the Cook-More time plus one minute.

- The display will show SET PROD TIME 1 ENTR. Repeat Steps 2 – 4 for any other product.

Press and release the PRINCE CASTLE LOGO button at any time to exit the Program Mode and return to the Run Mode.

NOTE: If the MENU/ENTER button has not been pressed to save any changes, the program will revert to the original values.

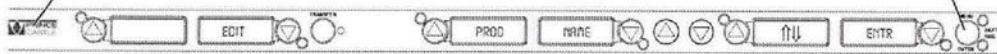


Changing Product Names

- 1 The EDIT PRODUCT NAME menu is used to change a default product name to one of your own choosing.
Press and hold the PRINCE CASTLE LOGO button, then immediately press and hold the MENU/ENTER button until the display shows one of four programming menus.
Use the UP or DOWN Arrow button to scroll to the SEL PROD XXXX 1 ↓ ENTR (Edit Product Name) menu.
NOTE: The default names available for editing are BACN, POP, MOZ, SPCY and EXP1 through EXP9.

PRINCE CASTLE LOGO Button

MENU/ENTER Button



- 2 Press and release the MENU/ENTER button to enter the Edit Product Name menu.
Use the UP or DOWN Arrow button to scroll through the list of products. When the desired product is displayed, press the MENU/ENTER button to select it.
The first letter (in this case, the E) will start blinking.



- 4 When all four digits have been changed, press the MENU/ENTER button to select the new name.



- 3 To change the blinking E, use the UP or DOWN Arrow button to scroll to the desired letter/number/symbol. When the desired selection is displayed, press the Pan Arrow button to move to the next digit. Repeat for all digits.



NOTE: Holding the UP or DOWN Arrow button for longer than 2 seconds will cause the display to automatically scroll up or down.

- 5 The display will show EDIT PROD NAME 1 ↓ ENTR. Repeat Steps 2 – 4 for any other product.
Press and release the PRINCE CASTLE LOGO button at any time to exit the Program Mode and return to the Run Mode.
NOTE: If the MENU/ENTER button has not been pressed to save any changes, the program will revert to the original names.



NOTE: ONLY APPLICABLE IN STAND ALONE MODE WHEN NOT CONNECTED TO PRODUCT MANAGEMENT SYSTEM.

Extend Holding Bin DHB-BK24 Series

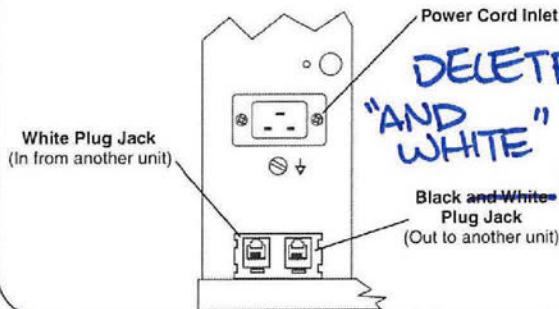
DHB-BK24 SERIES BINS



CastleNet® Communications Network

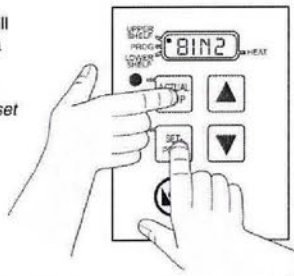
The Prince Castle ~~DHB-BK24E, DHB-BK24AE Bins, Retro Bin Timer and New Bin Cabinet Timers~~ can be inter-connected to form the CastleNet® Communication Network. The network can be used for data transfer between bins and timers for menu updates or to transfer product Hold time from bin-to-bin. Each bin is supplied with a standard 25' (7.6 m) cable and allows units to be "daisy-chained" together to form the network. Extender cables are available (refer to Parts List on page 13).

- 1 Telephone jack plugs are located on the back of the unit. Connect the units using the cables provided as shown here.



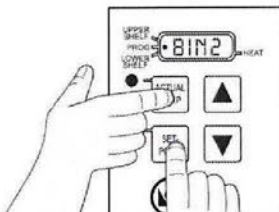
- 2 The factory default address for all bins and timers is address 2. ~~The factory default address for the Retro Bin Timer is BIN1E.~~

To check the bin address, press and hold the ACTUAL TEMP and SETPOINT buttons. The display will show the bin address. Default for a new address is BIN2.
EXAMPLE: If a location has three bins, the bins and timers must be set to address 2 through 4. See the following steps.



- 3 To change a bin address, disconnect power to the unit and wait 30 seconds. Reconnect power to the unit and immediately press and hold the ACTUAL TEMP and SETPOINT buttons.

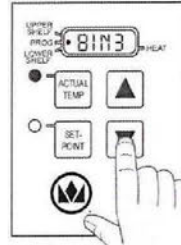
Continue to hold the buttons until PROG LED turns on.



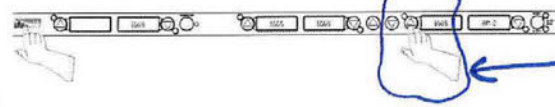
- 4 Use the UP or DOWN Arrow button to scroll to the desired address. Press the PRINCE CASTLE LOGO button to store the new address.

Available addresses are:
BIN1 thru BIN9, BINR, BINB, BINL, BINM, BINP, and BINF.

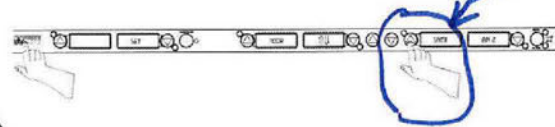
IMPORTANT: A timer address must match the corresponding bin address. For example, if the bin address is BIN3, the timer address must also be BIN3. Continue to Step 5 to check the timer address. Two timers mounted on separate bins cannot have the same address.



- 5 To check the timer address, press and hold the PRINCE CASTLE LOGO button and the DOWN Arrow button. The current timer address will be displayed in the far right timer display. To change the timer address, proceed to Step 6.

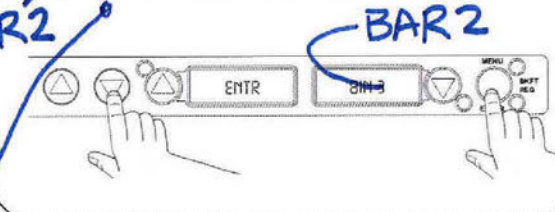


- 6 To change the timer address, disconnect power to the unit and wait 30 seconds. Reconnect power to the unit and immediately press and hold the PRINCE CASTLE LOGO button and the DOWN Arrow button until the display shows SET ADDR ↑ ↓ ENTR BIN2. The address number will blink on/off.



- 7 Use the UP or DOWN Arrow button to scroll to the desired address. Press the MENU/ENTER button to store the new address and return to normal operating mode.

Available addresses are:
BIN1 thru BIN9 and BINR, BINB, BINL, BINM, BINP, and BINF.



NOTE: THE BAR ADDRESS TO BE ONE MORE THAN BIN ADDRESS.

Factory Presets

Product Menu Details

Product	Display Name	Hold Minutes ¹	Cook-More Minutes ¹
Eggs	EGGS	90	7
Biscuits	BISC	60	17
Sausage	SAUS	120	1
French Toast	FR-T	90	2
Ham	HAM	120	2
Fish	FISH	60	5
Chicken Crisp	CRSP	60	3
Original Chick Sandwich	OCS	90	3
Chicken Tenders	TEND	60	3
Burgers	BURG	90	3
Whoppers	WHPR	90	3
Whopper Jr	WHJR	90	6
Bacon	BACN ²	120	2
Poppers	POP ²	30	2
Mozzarella Stick	MOZ ²	30	2
Spicy Chicken Wings	SPCY ²	60	3
Experimental #1	EXP1 ²	60	2
Experimental #2	EXP2 ²	60	2
Experimental #3	EXP3 ²	60	2
Experimental #4	EXP4 ²	60	2
Experimental #5	EXP5 ²	60	2
Experimental #6	EXP6 ²	60	2
Experimental #7	EXP7 ²	60	2
Experimental #8	EXP8 ²	60	2
Experimental #9	EXP9 ²	60	2

1. Hold and Cook-More times may be re-programmed. See page 8.

2. Product abbreviations BACN through EXP9 may be reprogrammed. See page 9.

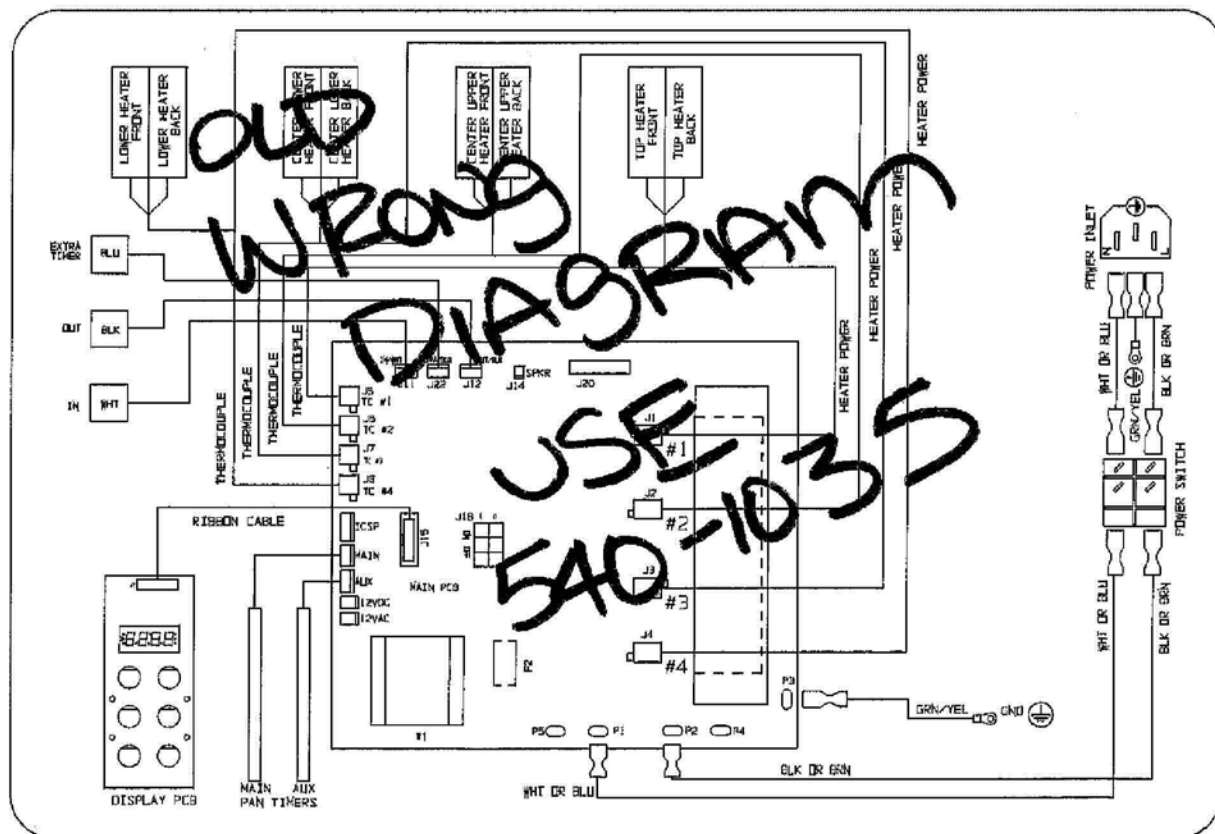
Zones

UPPER A LOWER	UPPER B LOWER
UPPER C LOWER	UPPER D LOWER

Troubleshooting

PROBLEM	PROBABLE CAUSE	SOLUTION
Display flashes <i>OPH</i> and <i>REL</i> .	Open relay. Circuit inoperable.	Replace power circuit board.
Display flashes <i>SHR</i> and <i>REL</i> .	Shorted relay. Circuit inoperable. Open heater. Unplugged ribbon cable between power and main circuit boards.	Replace power circuit board. Test heater resistance (150.2 Ohms). Replace heater if necessary. Verify ribbon cable connection.
Display flashes <i>OPY</i> and <i>REL</i> .	Temperature is below 75°F (24°C). Heater inoperable. Probe inoperable. Relay inoperable.	Normal display during warmup. Test heater resistance (150.2 Ohms). Check for open thermocouple wires from probe. Replace heater/probe assembly. Replace power circuit board.
Display shows <i>HHH</i> for an extended period of time and heater surface temperature is hot.	Temperature is above 300°F (149°C) (abnormal operation).	Diagnostic circuit inoperable. Replace power circuit board.
Display shows <i>HHH</i> for an extended period of time and heater surface temperature is cool.	Probe is inoperable.	Check for pinched thermocouple wires from probe. Replace heater/probe assembly.

Wiring Diagram



Diagnostics:

For all diagnostic messages on the holding bin, the message will appear on the timer bar located at the pan that is triggering the message. The message is a two-word message that will cycle through on the timer bar in addition to the product name at that pan location.

1. WARM | UP | XXXX – When turning on holding bin the warm up message will appear until heaters reach within 15°F set point.
 - a. Cleared when within 15°F of the set point.
2. HTR | OFF | XXXX – Heater off message appears when both the upper and lower heaters are off.
 - a. Cleared when heater is turned on.
3. HTR | LOW | XXXX – Heater low appears if the temperatures falls 15°F below the set point.
 - a. Cleared when temperature is back in range, if not cleared would require a service technician to repair.
4. HTR | HIGH | XXXX – Heater high appears if the heater is above 285°F for 20 minutes.
 - a. Cleared when temperature is back in range, if not cleared would require a service technician to repair.
5. RLY | SHRT | XXXX – Relay short error occurs when there is a thermocouple or heater problem.
 - a. Bin requires service to further troubleshoot and repair.
6. RLY | OPEN | XXXX – Relay open error occurs when there is a thermocouple or heater problem.
 - a. Bin requires service to further troubleshoot and repair.
7. COMM | DOWN | XXXX – Communication down error occurs when the temperature data is not being properly communicated.
 - a. Check that the Kitchen Minder/Visor/Sicom system is connected properly. Requires service technician to troubleshoot.

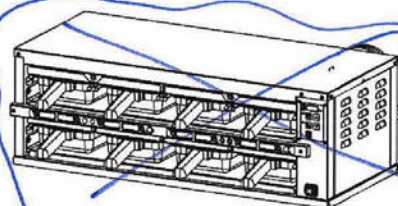
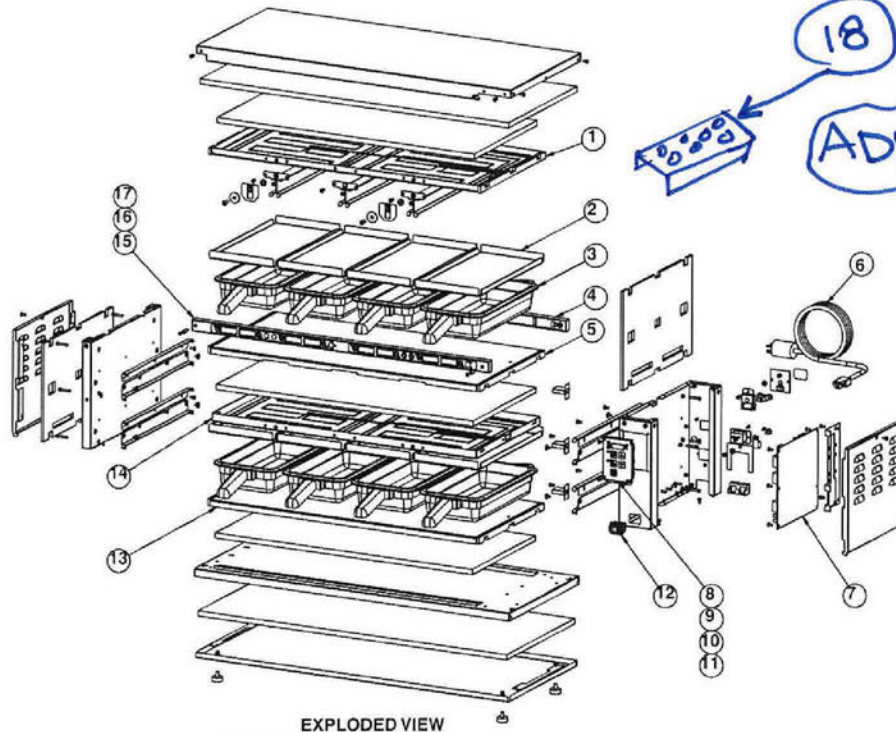
USB Update Procedure (all bins except the 3Hx4W):

1. First, un-plug Kitchen Minder, translator box, and any cable translation cables from the PHU. These devices will interfere with the timer bar boot loading process.
2. Place the update files on the USB flash drive in the main directory (Do not put them in a folder on the flash drive). There are 5 files that you will need to put on the drive. 2 for the controller board, **mainbin.hex** and **DHBFWBIN.TXT**. 3 for the timer bars, **mainbar.hex**, **auxbar.hex**, and **DHBFWBAR.TXT**.
3. Once all files are on USB drive, turn power off to bin and place the USB drive with the files into USB port on the back of the bin.
4. While holding down "Prince Castle" button on front right side of the bin, above the power switch, turn the power to the bin on.
5. Keeping the "Prince Castle" button pressed, wait for the "BL" (boot load) message to appear on the screen. Release the button approx. 5 seconds after the "BL" message appears or once the USB stick light begins to flash.
6. Wait for the display to show:
 - a. (blank while upgrading main bin firmware)
 - b. BL00 (searching for timer bars to upgrade)
 - c. BL02 (2 timer bars left to upgrade)
 - d. BL01 (1 timer bar left to upgrade)
 - e. BL00 (0 timer bars left to upgrade)
 - f. Bn02 (2 timer bars detected and done with programming)
 - g. This will confirm that the upgrade of timer bars by pressing the Prince Castle logo button and down button on timer bar.
7. You can check the version number on the timer bars by pressing the Prince Castle logo button and the down button on timer bar.

USB Update Procedure (3Hx4W Bin Only):

1. The 3x4 bin requires two sets of files for the update, 10 files total. You will have a set of 5 files for the lower board and 5 files for the upper board. You can use one USB flash drive; however you can only have one set of 5 files on the USB drive at one time. The 5 files have the same names and therefore can be kept on the USB drive at the same time.
2. Go through steps 1-7 as above placing the USB drive in the USB port labeled 1 on the holding bin. When the bin is done updating place the second set of files on the USB drive.
3. Once all files are on the USB drive, turn the power off to the bin and place the USB drive with the files into the USB port labeled 2 on the back of the bin.
4. While holding down "Prince Castle" button on front right side of the bin, above the power switch, turn the power to the bin on.
5. Keeping the "Prince Castle" button pressed, wait for the "BL" message, "BLnU" message, and the BL00 message (THIS WILL TAKE APPROX 15 SECONDS) to appear on screen. Keep button held down until you see "—" lines and the normal display of the main bin, then release the "Prince Castle" button.
6. Observe the top row of timer bars
 - a. The top row will show dashed lines (indicating that it has entered the boot loader)
 - b. The top row will show Prince Castle boot up, before going back into dashed lines display (boot loader for second time).
 - c. The top row will go again to the Prince Castle boot-up and back to the dashes a third and final time.
 - d. The Prince Castle boot-up will show again and the update is done
7. Check the version number by holding the Prince Castle button on the top timer bar and the down arrow.

Exploded View and Parts List



ASSEMBLED VIEW

Item No.	Part No.	Description	Qty.	Item No.	Part No.	Description	Qty.
1	540-1031S	Top Upper Panel Heater Assembly	1	10	542-226S	Display Backer Assembly	1
2	540-1002S	Pan Tray Lid (1/3)	8	11	076-720S	Panhead Screw, Stainless Steel 6-32x3/8, Type F	6
3	541-442S	Double Handle Pan (Amber)	8	12	95-233S	Power Switch Harness Assembly	1
4	510-217S	Timer Bar (.8 Aux 89-135 V2.03)	1	13	540-1072S	Base Lower Panel Heater Assembly	1
5	540-1012S	Lower Panel Heater Assembly	1	14	540-1013S	Upper Panel Heater Assembly	1
6	072-200-25S	Power Cord (6-15P/C-13 250V 15A)	1	15	510-215S	Button Bar (.8 Main 89-133 V2.03)	1
7	541-1350S	Control Board with USB, PCB	1	16	089-988S	Round Spacer (Al, #6)	3
8	536-802S	Display Overlay	1	17	76-868S	Panhead Screw, Stainless Steel 6-32x1.5	4
9	541-1027S	Display TH Assembly	1				

18 542473 TRINET 1/3

4