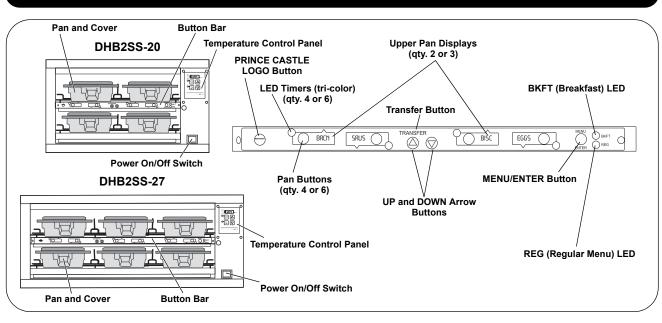
Operation Manual

Product Holding Bin DHB2SS-20/27



Product Identification

LIMITED WARRANTY

This product is warranted to be free from defects in material and/or workmanship for a period of 1 year from date of original installation, not to exceed 18 months from the date of manufacture.

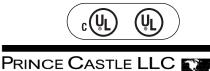
Any component which proves to be faulty in material and/or workmanship will be replaced or repaired (at the option of Prince Castle, Inc.) without cost to the customer for parts and labor. This warranty covers on-location service (i.e. trip charges and/or mileage). Travel mileage is limited to 100 miles (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 God) 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.

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355 East Kehoe Blvd. • Carol Stream, IL 60188 USA Telephone: 630-462-8800 • Toll Free: 1-800-PCASTLE Fax: 630-462-1460 • www.princecastle.com

Specifications

| Model | Volts | Watts | Hertz |
|-----------|-------|-------|-------|
| DHB2SS-20 | 120 | 1700 | 60 |
| DHB2SS-27 | 120 | 1650 | 60 |

Safety Information



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

Installation

A. Remove the unit from the carton and inspect for signs of damage. If there is damage to the unit:

🛕 WARNING

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

· notify the carrier within 24 hours of delivery

severe bodily injury or death.

- · 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 1-630-462-8800 to arrange for a replacement unit.

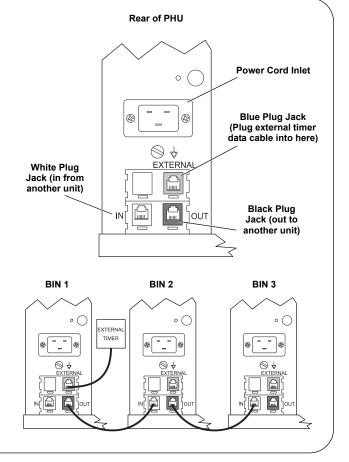
NOTE: When installing this unit, the ambient temperature at the mounting site should not exceed 100° F.

- B. Place the bin on a counter and seal the base to the counter with foodapproved sealant.
- C. Plug the power cord into the bin and connect the plug into the proper electrical outlet (15 amp, 120 Volt). All connections must be in accordance with local electrical codes and any other applicable codes.

NOTE: The electrical receptacle should be a dedicated outlet. No other equipment should be operating on the line (refrigerators, fryers, etc.).

- D. If used, plug a Prince Castle external timer bar (consult factory for model) data cable into the blue plug jack (external) located on the rear of the Prince Castle holding bin. If cable from timer is too short, use Prince Castle Extender Cable Kit, P/N PC-COMEXT.
- E. Install the racks, pans and pan covers into the cavities.
- F. Turn the power switch to ON. Allow 30 minutes for warm-up.

NOTE: If the unit is to be networked with other Prince Castle units, an external timer may be connected to any one bin in the chain. Refer to CASTLENET COMMUNICATIONS NETWORK in this manual.



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.

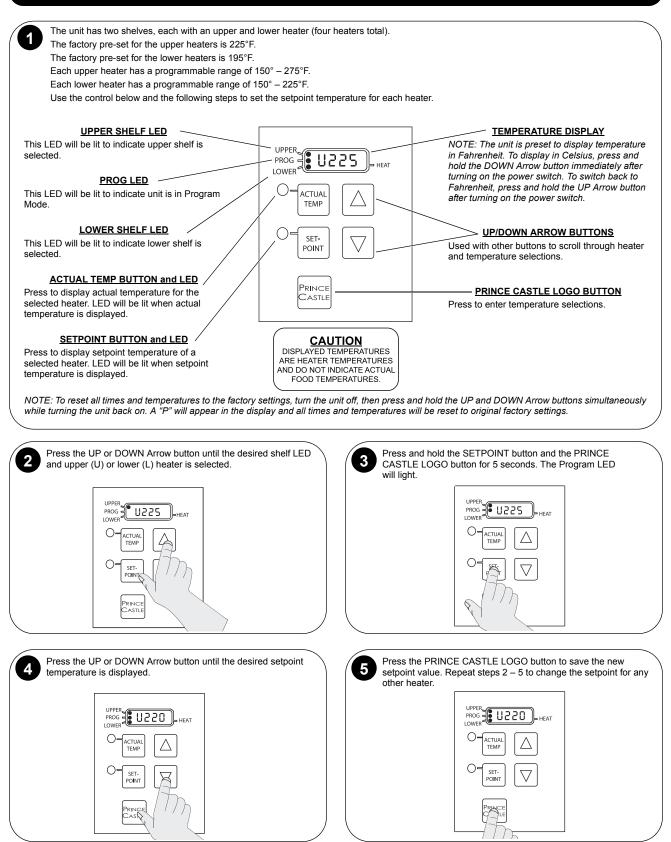


Operation Turn power On/Off switch to ON position. Press all PAN buttons. 2 MENU Load pan covers (if used) onto pan 🔵 вкгт EGGS 866S racks and insert racks into the unit. (/) REG Allow 30 minutes for ENTER heaters to reach operating temperature. The Temperature Display will The PAN DISPLAYS will show the **BKFT (Breakfast) or REG** (Regular Menu) will be lit show temperature as unit assigned product name. °⊡∆ °⊡⊽ warms up to the operating depending on pre-If no product is assigned, the display will be dim and show "----". Pressing the PAN button will not programmed menu. temperature. activate the timer if "----" is displayed. Pressing PAN button when product name is displayed will start timing cycle. Power On/Off Switch LED Timing Status When LED is steady RED, load product and press the PAN 3 4 button If no other pan is active for MENU BKFT a product, the LED for the 2665 866S first pan loaded will turn () REG ENTER from RED to GREEN. * A * C The LED for the 2nd pan LED Timers (3rd pan, etc.) loaded will turn from RED to YELLOW. RED (steady) = Ready for product RED (flashing) = Discard product An LED timer can be stopped (cancelled) at any time by GREEN (steady) = Oldest product, use first pressing and releasing the GREEN (flashing) = Cook more product If only one pan is active for a corresponding PAN button. product, the LED will turn from YELLOW (steady) = Newer product, use green first RED to GREEN. YELLOW (flashing) = Cook more product When any of the timer LEDs flash, cook more product or remove Product, along with any remaining time, can be transferred from 5 6 and discard product as indicated. one cavity to another as follows: A. Press and release the C. Press and release the TRANSFER button. Displays TRANSFER button again. * A for available bins are brightly lit. Displays for bins currently timing, are dimly lit. RANSFER 88CN SRUS () BISC E665 () \bigtriangleup GREEN (flashing) = Cook more product в Press and release the PAN D. Move the product. Press and YELLOW (flashing) = Cook more product release the PAN button for the button of the product to be RED (flashing) = Discard product new location. The new location moved. will finish timing the product. When the transferred pan timing expires, location will Hot surfaces. 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.

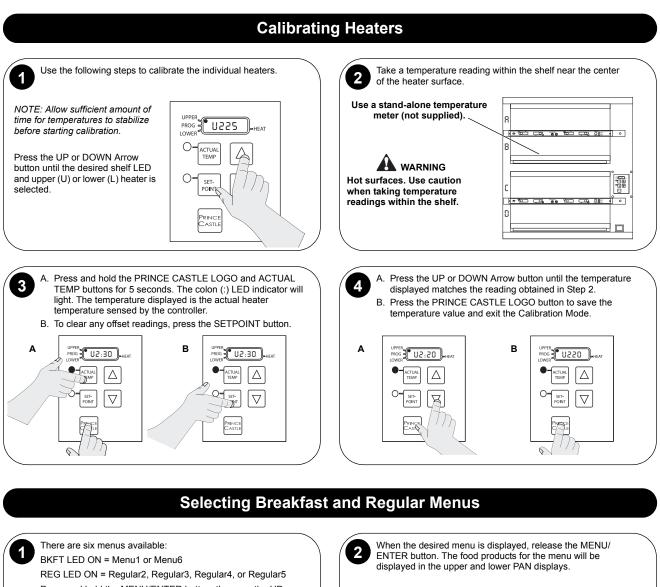
Operation (continued) To change a menu selection for a specific pan cavity, use the following steps: 7 A. Press and hold the PRINCE CASTLE LOGO button for 6 seconds. All D. Press the UP or DOWN Arrow E. Press the MENU/ENTER button Pan displays will show PROG. All LED Timers will be RED. button to scroll to the desired to select the product choice. product choice. MENU TRANSFER в (PROG PROG PROG 866S (\bigtriangleup) ∇ () RE FNTER Repeat Steps A – E as required for other Pan displays. Press the PRINCE B. Press and hold the MENU/ENTER button. The display next to the F. MENU/ENTER button will display the product choices. While holding CASTLE LOGO button to exit the Program Mode. the MENU/ENTER button, press the UP or DOWN Arrow button to NOTE: Up to six products may be programmed for each Pan button (1 for scroll through the product choices. While scrolling, the BKFT LED will each menu). In addition, a pan may be set as "not used" by assigning "----" as be lit for the breakfast menus and the REG LED will be lit for the its product. regular menus. C. Press a PAN button to change the product. the LED timer will change to yellow and the display will change from PROG to the assigned product choice and two other displays will change to up and down arrows and ENR. Cleaning To shut down the unit, turn the power On/Off switch to OFF. 8 Before performing any maintenance, turn the power switch to the OFF position and unplug the power cord from the electrical • • • receptacle. 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 pan covers and pan racks. Wipe all parts and unit with a damp cloth. DO NOT use a green Scotch Bright pad cleaner, ice or water



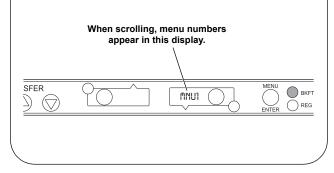
Setting the Temperature







Press and hold the MENU/ENTER button, then use the UP or DOWN Arrow button to scroll through the 6 menus.

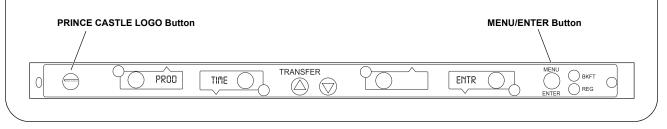


ENTER button. The food products for the menu will be displayed in the upper and lower PAN displays.
When timers for a different menu are still active, those BKFT or REG LEDs will flash until they are all cancelled.

SFER



| Programmin | ig the Menus |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Press and hold the PRINCE CASTLE LOGO button (on the button bar) until all the displays show PROG and the PAN buttons LEDs all glow RED. | Press and hold the MENU/ENTER button. The display next to the MENU/ENTER button will show the menu choices. Use the UP or DOWN Arrow button to scroll through the 6 menus. Release the MENU/ENTER button when the desired menu is displayed. |
| PROG PROG TRANSFER | RANSFER MENU MENU ENTER When the MENU/ENTER button is released, all displays will again show PROG. |
| | RANSFER PROS PROS MENU |
| A. Press the PAN button next to the display to be changed. The LED will change from RED to YELLOW and the display will change from PROG to the assigned product choice. SFER UBUN PROG BKFT REG BKFT REG BKFT REG BKFT REG BKFT REG BKFT REG BKFT BKFT BKFT BKFT BKFT BKFT BKFT BKFT | A. Repeat Steps 2 and 3 as required. B. Press the PRINCE CASTLE LOGO button to exit the Program Mode and return to the Run Mode. NOTE: Up to six items (one for each menu) may be programmed for each PAN button. A pan may be set as "not used" by assigning "" as its product. |
| B. Press the UP or DOWN Arrow button to scroll to the desired product choice. C. Press the MENU/ENTER button to save the selection. All displays will show PROG. SFER | |
| Changing the Hold a | nd Cook-More Times |
| A. The SET PRODUCT TIME menu is used to change the Hold and 0 B. Press and hold the PRINCE CASTLE LOGO button, then immedia one of the programming menus. C. Use the UP or DOWN Arrow button to scroll to the PROD TIME 1 4 PRODUCT TIME 1 4 ENTR.) | ately press and hold the MENU/ENTER button until the display shows |



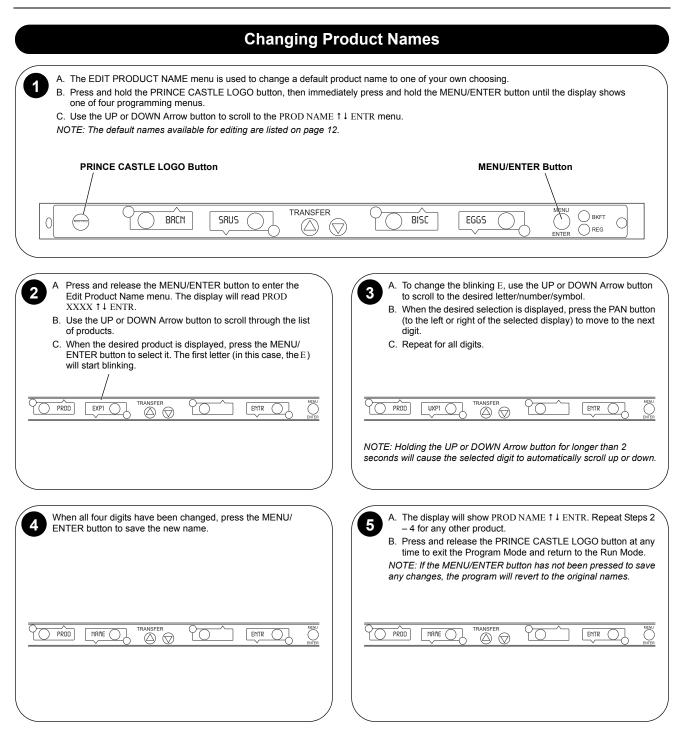


| A. The display now shows the current Hold time. A. The display now shows the current Hold time. ENTR O ENT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A. The display will show PROD TIME ENTR. Repeat Steps 2 – 4 for any other product. B. 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. |
| |
| |

- A. The Alternating Display Interval allows the timer bar displays to alternate between the product name and remaining Hold time. The default setting is 5 seconds.
- B. Press and hold the PRINCE CASTLE LOGO button, then immediately press and hold the MENU/ENTER button until the display shows one of the programming menus.
- C. Use the UP or DOWN Arrow button to scroll to the DISP ALT TIME menu. Press MENU/ENTER button.
- D. Use the Up and Down Arrow buttons to adjust the interval setting from 0 to 15 seconds. Press MENU/ENTER to save the change.
- E. Press and hold the PRINCE CASTLE LOGO button at any time to exit the Program Mode.

| | ASTLE LOGO Button | | MENU/ENTER | Button | |
|--|-------------------|------|------------|--------|-----|
| | | | | | 7 |
| | RLT | | ENTR | | |
| | | | | | - / |



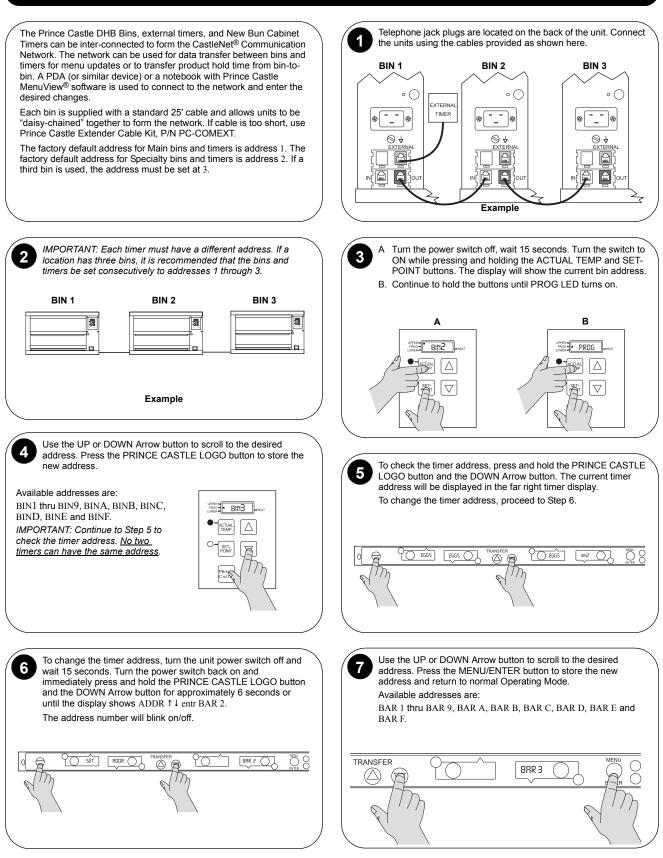




| Set Maximum Tra | nsfer Time |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A. The SET MAXIMUM TRANSFER TIME menu is used to set the amount of B. Press and hold the PRINCE CASTLE LOGO button, then immediately protect the programming menus. C. Use the UP or DOWN Arrow button to scroll to the XFR TIME ↑↓ ENTR ment ↑↓ ENTR.) | ess and hold the MENU/ENTER button until the display shows one of |
| PRINCE CASTLE LOGO Button | |
| | |
| A. Press and release the MENU/ENTER button to enter the Set Maximum Transfer Time menu. B. The display shows XFR :20 ↑ ↓ ENTR. This shows a value of 20 seconds. | A. To change the time, use the UP or DOWN Arrow button to scroll to the desired time. When the desired selection is displayed, press the MENU/ENTER button to enter the selection. B. Press and release the PRINCE CASTLE LOGO button at an time to exit the Program Mode and return to the Run Mode. NOTE: If the MENU/ENTER button has not been pressed to say any changes, the program will revert to the original time. |
| XFR 20 TRANSFER C ENTR C ENTR C ENTR C ENTR C ENTR | :25 TRANSFER |
| | |
| Set Volume | _evel |
| A. The default setting for the volume level is OFF. B. Press and hold the PRINCE CASTLE LOGO button, then immediately prone of the programming menus. C. Use the UP or DOWN Arrow button to scroll to the Set Vol 0 1 \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ ENTR methods and the set Vol 0 1 \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ | ess and hold the MENU/ENTER button until the display shows |
| A. The default setting for the volume level is OFF. B. Press and hold the PRINCE CASTLE LOGO button, then immediately proone of the programming menus. C. Use the UP or DOWN Arrow button to scroll to the Set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 ENTR metabolic content of the set Vol 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ess and hold the MENU/ENTER button until the display shows |



CastleNet® Communications Network



Factory Presets

| Product | Display Name | Hold Minutes ¹ | Cook-More Minutes | | | |
|------------------|-------------------|---------------------------|-------------------|--|--|--|
| Burger | BUR1 | 30 | 3 | | | |
| Burger | BUR2 | 30 | 3 | | | |
| Chicken Patty | CHX1 | 30 | 3 | | | |
| Chicken Patty | CHX2 | 30 | 3 | | | |
| Chicken Patty | CHX3 | 30 | 3 | | | |
| Chicken Wing | WING | 30 | 3 | | | |
| Fish | FISH | 30 | 3 | | | |
| Eggs | EGGS | 30 | 3 | | | |
| Sausage | SAUS | 30 | 3 | | | |
| Bacon | BACN | 30 | 3 | | | |
| lam | HAM | 30 | 3 | | | |
| Popper | POP | 30 | 3 | | | |
| Mozzarella Stick | MOZ | 30 | 3 | | | |
| Onion | ONIN | 30 | 3 | | | |
| Mushroom | MUSH | 30 | 3 | | | |
| Chicken Nuggets | NUGG | 30 | 3 | | | |
| Special #1 | SPC12 | 30 | 3 | | | |
| Special #2 | SPC22 | 30 | 3 | | | |
| Special #3 | SPC3 ₂ | 30 | 3 | | | |
| Special #4 | SPC4 ₂ | 30 | 3 | | | |
| Special #5 | SPC52 | 30 | 3 | | | |
| Special #6 | SPC62 | 30 | 3 | | | |
| Special #7 | SPC72 | 30 | 3 | | | |
| Special #8 | SPC82 | 30 | 3 | | | |
| Special #9 | SPC9 ₂ | 30 | 3 | | | |

2. Product abbreviations SPC1 thru SPC9 may be reprogrammed. See page 9.

| (| | | Μ | | | | |
|---|------|------|------|------|------|-------|--|
| | HAM | BACN | SAUS | EGGS | MNU1 | Bkft2 | |
| | BUR1 | BUR2 | BUR2 | BUR2 | MNU2 | Reg1 | |
| | CHX1 | CHX2 | CHX3 | WING | MNU3 | Reg2 | |
| | FISH | MOZ | POP | MUSH | MNU4 | Reg3 | |
| | POP | MOZ | ONIN | MUSH | MNU5 | Reg4 | |
| | EGGS | HAM | BACN | SAUS | MNU6 | Bkft1 | |
| \ | | | | | | | |

| | 6 Channel Menus | | | | | | | | |
|-------|-----------------|------|------|------|------|------|------|------|--|
| Timer | 6 | 5 | 4 | 3 | 2 | 1 | | | |
| | STAR | FISH | TOST | ONIN | CRSP | SPCY | MNU1 | Bkft | |
| | BUR1 | BUR1 | BUR1 | BUR2 | BUR2 | BUR2 | MNU2 | Reg | |
| | CHX1 | MUSH | MOZ | POP | WING | WING | MNU3 | Reg | |
| | CHX1 | CHX2 | WING | MOZ | POP | POP | MNU4 | Reg | |
| | CHX1 | CHX2 | CHX3 | POP | ONIN | MUSH | MNU5 | Reg | |
| | EGGS | EGGS | EGGS | HAM | BACN | SAUS | MNU6 | Bkft | |

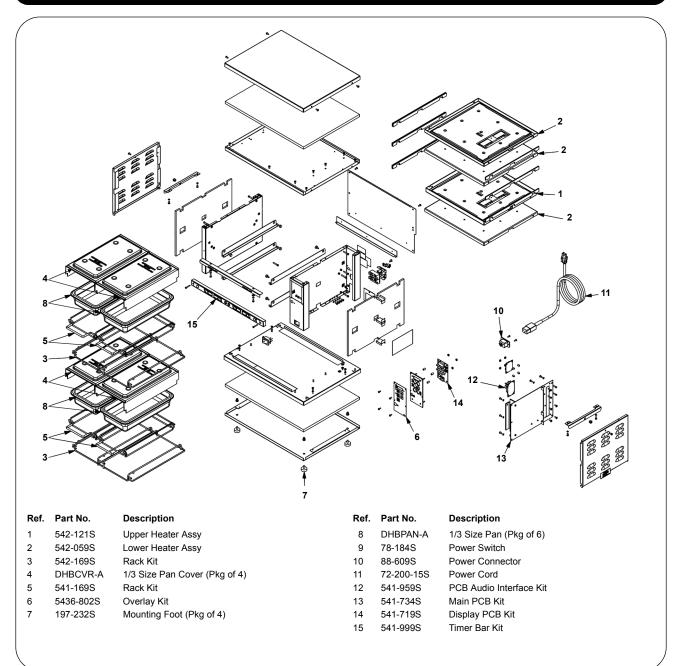


Troubleshooting

| PROBLEM | PROBABLE CAUSE | SOLUTION | |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|
| Display flashes Opn and rEL. | Open relay. Circuit inoperable. | Consult authorized Service Technician. | |
| Display flashes SHr and rEL. | Shorted relay. Circuit inoperable. Open heater. Unplugged ribbon cable between power and main circuit boards. | Consult authorized Service Technician. | |
| Display flashes Opn and rEL. | Temperature is below 75°F. Heater inoperable. Probe inoperable. Relay inoperable. | Consult authorized Service Technician. | |
| Display shows HHH for an extended period of time and heater surface temperature is hot. | Temperature is above 300°F (abnormal operation). | Consult authorized Service Technician. | |
| Display shows HHH for an extended period of time and heater surface temperature is cool. | Probe is inoperable. | Consult authorized Service Technician. | |

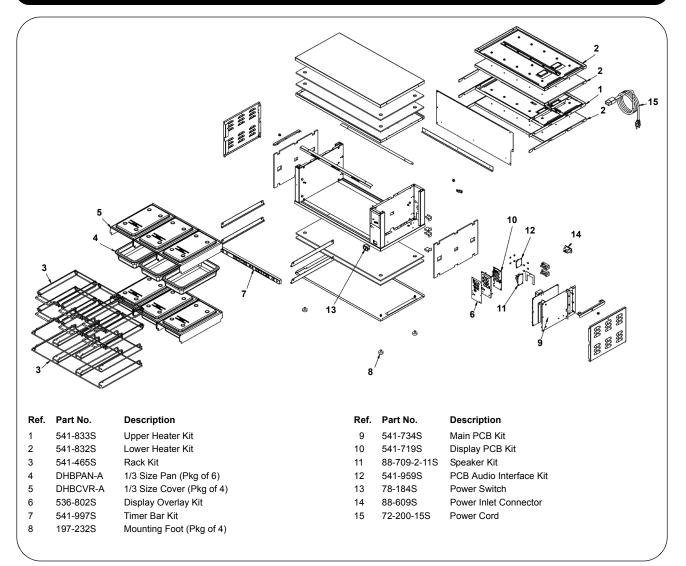


Exploded View and Parts List (DHB2SS-20)



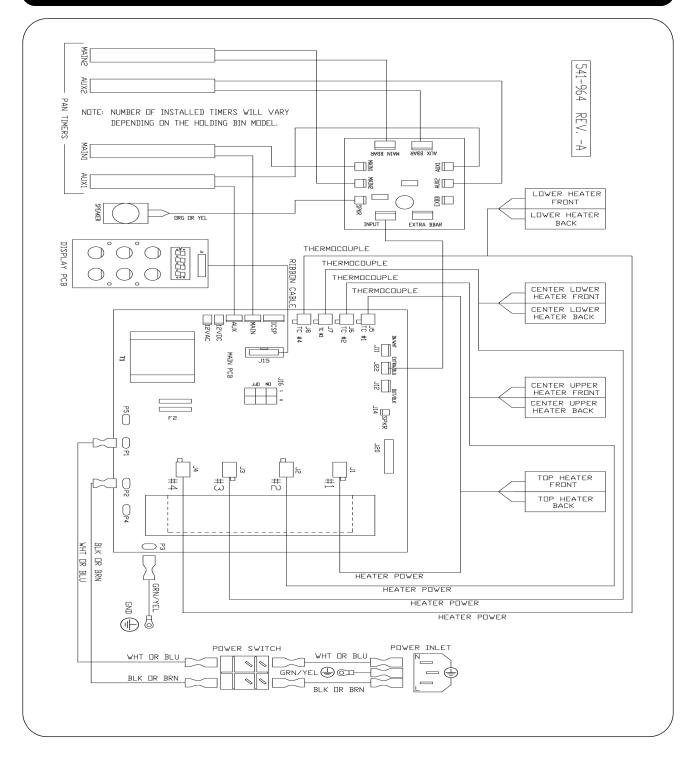


Exploded View and Parts List (DHB2SS-27)



PRINCE CASTLE LLC

Wiring Diagram (DHB2SS-20 and -27)





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