Display Replacement Kit for UHC-P — 826-2749

Follow these instructions to replace the display on a UHC-P.

IN KIT 826-2749		
Quantity	Description	Part No.
1	Display	807-5124
1	Instructions	819-6637

1. Remove power from unit.

2. Remove the sides from the unit by removing the two screws at the base of each side panel.

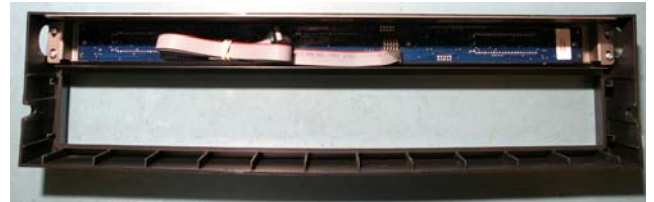3. Unplug the failed display from the distribution board.

Figure 1: Two screws in each side of the display assembly secure it to the bezel. A terminated ribbon cable attaches to the back of the board on the display assembly. A bare ribbon on the front of the board attaches it to the display assembly.

4. Remove the bezel holding the failed display by removing the bolts and the allen screws from each side of the bezel.

5. Remove the display from the bezel by removing the screws securing it at each end. **See Figure 1**.

6. Remove the ribbon cable from the failed display and remove the four screws securing the board to the display assembly.

7. Carefully remove the bare ribbon cable connecting the display assembly to the board. **See Figure 2**.

8. To confirm membrane failure, check for continuity in the switches of the removed bezel assembly. **See Figure 3**.

Figure 2: A bare ribbon cable extends from the new display assembly. This must be carefully inserted into the connector block on the display side of the board, which was removed from the failed display.
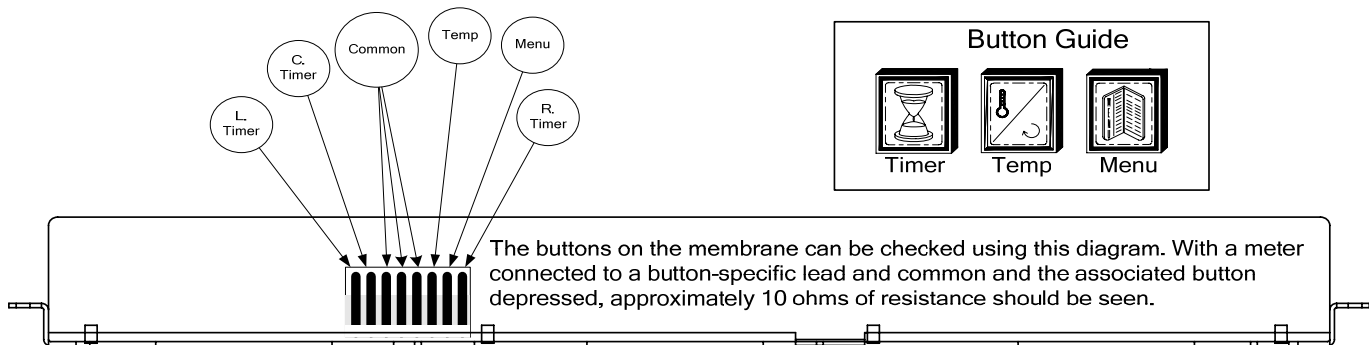

Button Guide

Timer	Temp	Menu

The buttons on the membrane can be checked using this diagram. With a meter connected to a button-specific lead and common and the associated button depressed, approximately 10 ohms of resistance should be seen.

Figure 3: Membrane assembly viewed from above with the display facing forward.

9. Position the removed circuit board, with the displays facing down, above the ribbon cable on the new display assembly**. See Figure 4.**

10. Ensure the ribbon cable is resting against the connector block on the board and push with the board until the ribbon cable is fully seated in the terminal. **See Figure 4.**
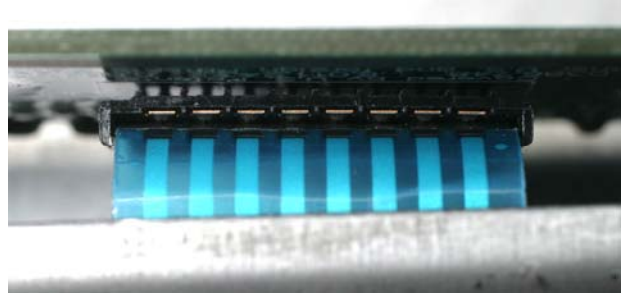
11. Rotate the board to align the displays with the display windows and the screw standoffs.

Figure 4: The ribbon cable is shown fully seated in the connector block on the display side of the board.

12. Secure with the screws.

13. Return the display to the bezel and secure with screws.

14. Return the ribbon cable to the back of the display board and route through the cabinet housing as the bezel assembly is positioned on the front of the cabinet.

15. Secure the bezel in place with the bolts and allen screws.

16. Plug the display into the distribution board.
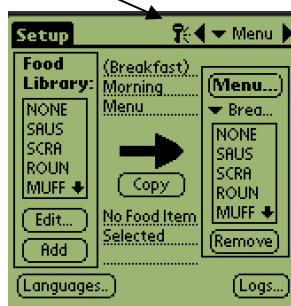
17. Replace the sides and apply power.

18. Readdress the cabinet, following the instructions on pages 3 and 4.

19. Check the new display for button and display function.

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If any board or display is changed on the CABINET, the unit must be re-addressed. This essentially tells each board which position it occupies. The cabinet must also be re-programmed with the Palm. Changing the power supply doesn't require re-addressing or programming. (**Note:** Re-addressing a Narrow unit is slightly different and a separate button-push sequence is provided below.)

The process of re-addressing begins with the Palm. The security level has to be changed to **admin** in the Palm software to access the re-address feature. The cabinet must be ON. Follow these steps to re-address the cabinet with the Palm.
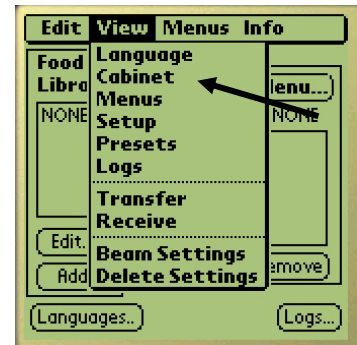
Step 1: Tap the key icon at the top of the screen (see arrow) to access the security manager.

Step 2: Use the Palm's keyboard feature (see arrow) to type **admin** in the security manager dialog box. Tap OK.

Step 3: A dialog box appears, saying the security level has been changed. Tap OK.

Step 4: Tap the Setup bar in the top left to reveal the menu bar. Tap View and in the drop-down menu highlight Cabinet by tapping it.

Step 5: The Cabinet Configuration screen is displayed. Make sure that the proper slot size is displayed. ie (2 slots, 4 slots, narrow). (**NOTE**: The button-push sequence for the Narrow unit is different and covered in Steps 7N-14N on the adjoining page.) With the Palm horizontal and near the lens on the UHC-P cabinet, tap the ReAddr button in the bottom center of the screen.

Step 6: The addresses of the cabinet's boards will be beamed to the cabinet. A success message will display when the process is complete. Press 1 Button will be displayed on each slot.

*NOTE: Failure to press the button in less than 30 seconds will cause the cabinet to react slowly to button pushes. Repeat readdress sequence to eliminate delay.

Button-Push Sequence for 4, 2-slot Units

Step 7: Press and release the right timer key on the top slot on front of the unit. Wait until the *PUSH 1 BUTN* display dims.

Step 8: Repeat for second, third and fourth (if present) slots, moving to the next slot only after the display dims.

Step 9: Move to the back of the unit and press the left top slot timer key. Wait until *PUSH 1 BUTN* display dims.

Step 10: Repeat for second, third and fourth slots, moving to the next slot only after the display dims.

Step 11: *Press the back bottom left timer button a second time within 30 seconds of the previous button push.

Step 12: Press temperature key on top front slot. Verify temperature display and repeat steps for remaining slots.

Step 13: Repeat step 12 on back displays if present.

Step 14: Repeat readdress sequence if temperature displays fail.

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Button-Push Sequence for Narrow Unit

Step 7N: Press and release the top front timer key. Wait until the *PUSH 1 BUTN* display dims.

Step 8N: Repeat for second, third and fourth slots, moving to the next slot only after the display dims.

Step 9N: Move to the back of the unit and press the top **temperature** key. Wait until the *PUSH 1 BUTN* display dims.
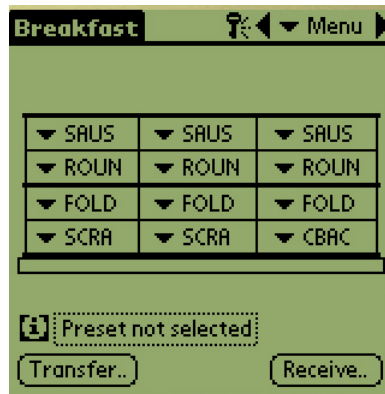
Step 10N: Repeat for second, third and fourth slots, moving to the next slot only after the display dims.

Step 11N: *Press the back bottom **timer** key within 30 seconds of the previous **temperature** key push.
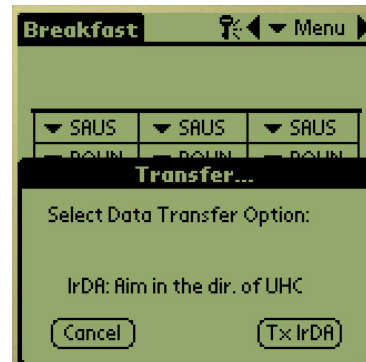
Step 12N: Press temperature key on top front slot. Verify temperature display and repeat steps for remaining slots.

Step 13N: Repeat step 12 on back displays if present.

Step 14N: Repeat readdress sequence if temperature displays fail.

Step 15: Beam over the cabinet configurations with a Palm, which holds the restaurant's desired cabinet configurations by opening the UHC-P software to the setup window.

Step 16: Ensure the dark receiving lens on the front of the cabinet is clean. Hold the Palm Pilot parallel with the floor and aim it at the lens from no more than one foot away.

Tap the Transfer button.

Tap the TxirDa button.

The cabinet will beep and the Palm Pilot will display a message, indicating a successful transfer. All five menus established on the Palm are now accessible with the menu key on the cabinet. Note: Text on buttons can vary between software versions.

*NOTE: Failure to press the button in less than 30 seconds will cause the cabinet to react slowly to button pushes. Repeat readdress sequence to eliminate delay.