


Addendum, PCB Spare, Sprite DM-4xx

Note 	This addendum applies <u>only</u> if the dispenser is configured for Probe Detergent Control (Menu 21 – Detergent Control is set to 1 – Probe). If you are not using Probe Mode, simply install the replacement PCB and disregard this addendum.
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This replacement board may contain features that did not exist in an older Sprite DM-4xx system. Most of these changes are not evident to the machine operator unless the new features are enabled. The additional features result in slightly changed User and Programming Menu structures, as described below. See *Figure 1, “Programming and User Menu Structure,”* on page 2 for more information.

User Menu Change – Live Conductivity Display Added

This screen displays the current conductivity reading, if enabled. The default setting is “Off.” This continuous display does not time out after 30 seconds and is in addition to the User Idle Home screen.

Programming Menu Changes

Two menus have been added; menu numbers shifted to accommodate these additions.

Configuration Settings — *Pulse Feed Option* (Menu 23.2), added and described in this addendum. *Detergent Type* was Menu 23 and is now Menu 23.1; programming instructions remain the same, as described in your Sprite Reference Manual.

Adjustments–Probe Mode — *Enable Live Conductivity Display* (Menu 32.2), added and described in this addendum. *Detergent Set Point* was Menu 32 and is now Menu 32.1; programming instructions remain the same, as described in your Sprite Reference Manual.

Pulse Feed – Capsule Detergent Only (Menu 23.2)

Only available if Menu 23.1 (Detergent type) is set to **2** (Capsule). If no changes are made to Menu 23.2, the unit will operate in the same way as the previous Sprite PCB (at setting #4 below). Use this menu to adjust the length of time that the detergent feeds (the pulse) and the interval between pulses, based upon detergent strength and the distance between the product container and dish machine.

1. Press the Enter key to view/change this setting.
2. Press the Scroll key to change the value (0-7).
The settings are as follows:

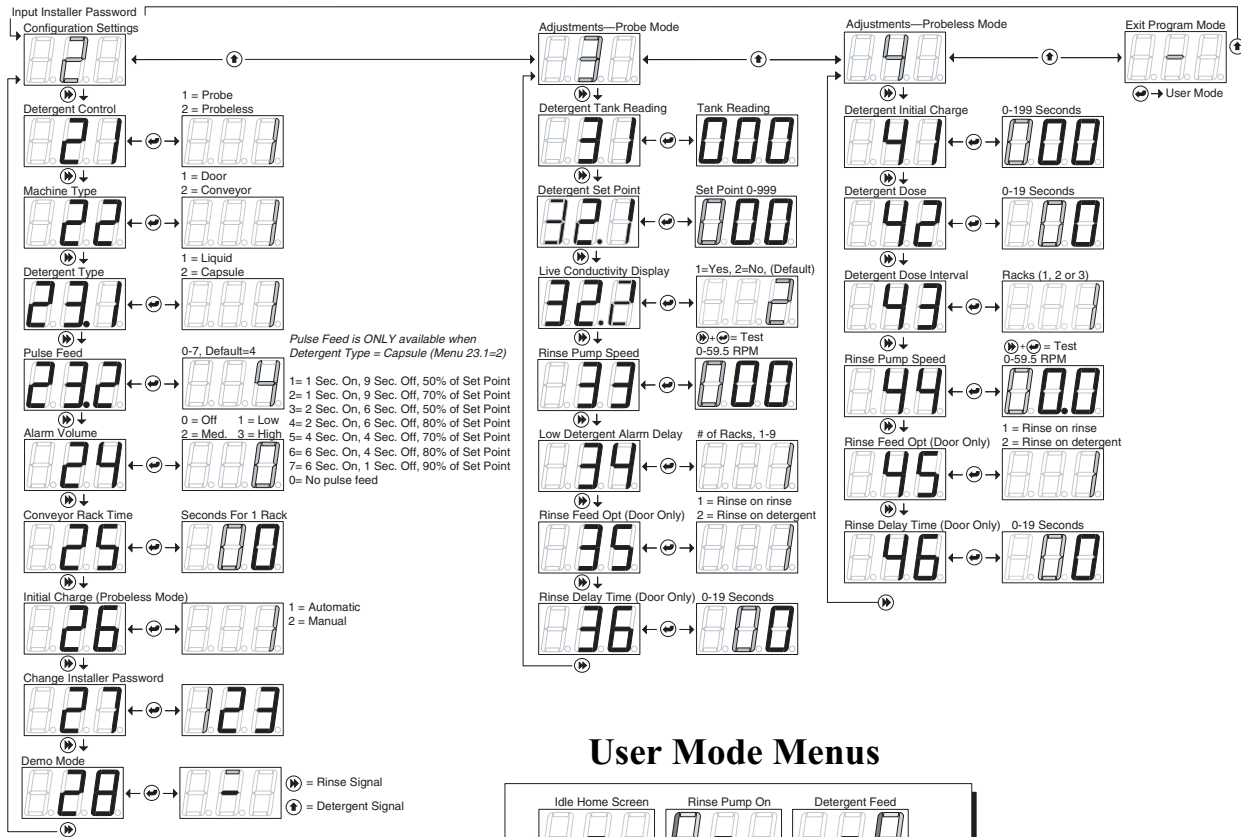
1 = 1 Sec. on, 9 Sec. off, 50% of set point	5 = 4 Sec. on, 4 Sec. off, 70% of set point
2 = 1 Sec. on, 9 Sec. off, 70% of set point	6 = 6 Sec. on, 4 Sec. off, 80% of set point
3 = 2 Sec. on, 6 Sec. off, 50% of set point	7 = 6 Sec. on, 1 Sec. off, 50% of set point
4 = 2 Sec. on, 6 Sec. off, 80% of set point (Default)	0 = No pulse feed
3. Press the Enter key to set the value and return to the main menu loop.

Enable Live Conductivity Display (Menu 32.2)

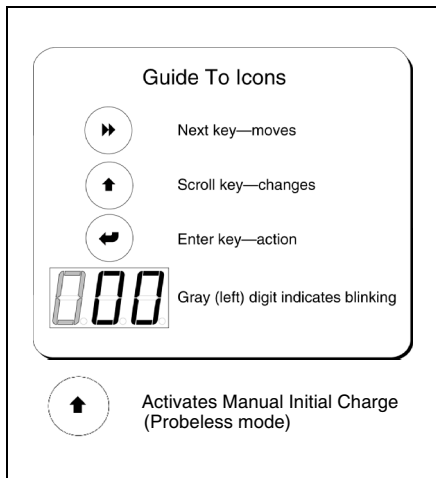
Displays Live Conductivity Readings when in User Mode. The default setting is **2** (disabled).

1. Press the Enter key to view/change this setting.
2. Select **1** to enable the Live Conductivity Display and **2** to disable this display. Press Enter to save.

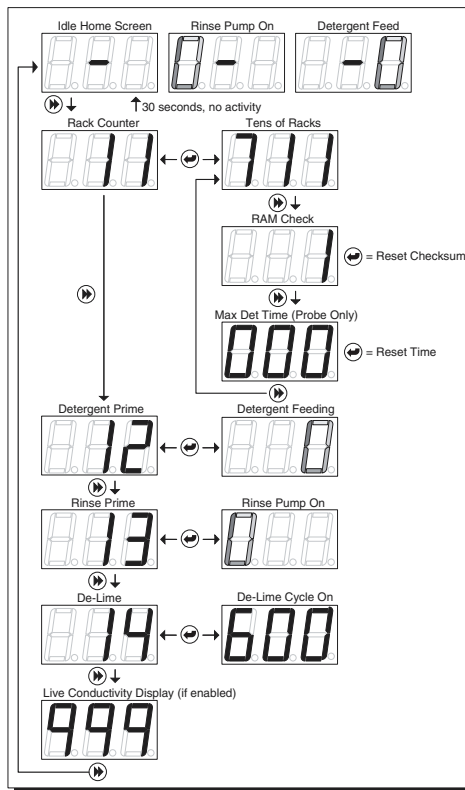
Program Mode Menus



Guide to Icons



User Mode Menus



NOVA CONTROL
 LEADING THE WAY
 A Hydro Systems Company
 225 WESTRIDGE DRIVE
 WATSONVILLE
 CALIFORNIA
 95076-4168 U.S.A.
 TEL 831.786.1470
 FAX 831.786.1650

Figure 1. Programming and User Menu Structure