



Sherline/Acorn Controller Live PLC I/O Display Screen

About the Live PLC I/O Display Screen

On our Sherline/Acorn Controllers, the Acorn Wizard settings are set to show the Advanced Input/Output display screen (see Figure 1).

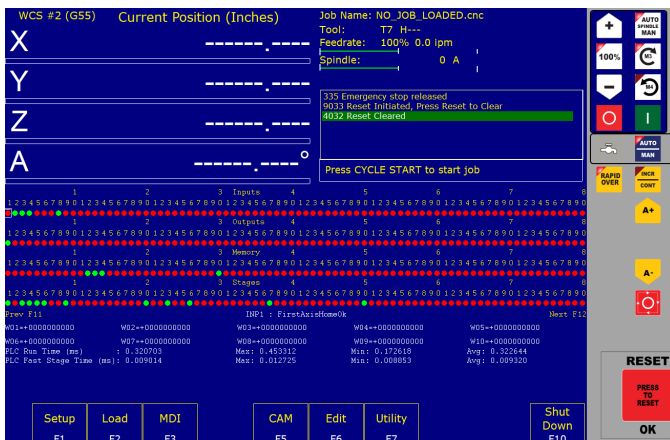


FIGURE 1

- To turn the Live PLC I/O display on, push (ALT+I) on the keyboard. Pressing ALT+I brings up the Live PLC I/O display screen (see the image above). On this screen, you can view the real-time status of all the different inputs, outputs, etc.
- Use the arrow, F11, and F12 keys to navigate the Live PLC I/O screen.
- “With proper PLC support,” pressing CTRL+ALT+I will allow you to toggle the value of Inputs 1 through 80.
- Similarly, pressing CTRL+ALT+F allows you to toggle outputs.
- To turn the I/O Display off, press (ALT+I) again.
- If you would rather have the Simple PLC Diagnostic Display shown on your screen, do the following.
 - Enter the utilities menu (F7).
 - Enter the Acorn Wizard menu (F10)

C. Select “CNC Control” under the “Preferences” header, and then toggle the option “Enable Simple PLC Diagnostic as Yes” (see Figure 2).

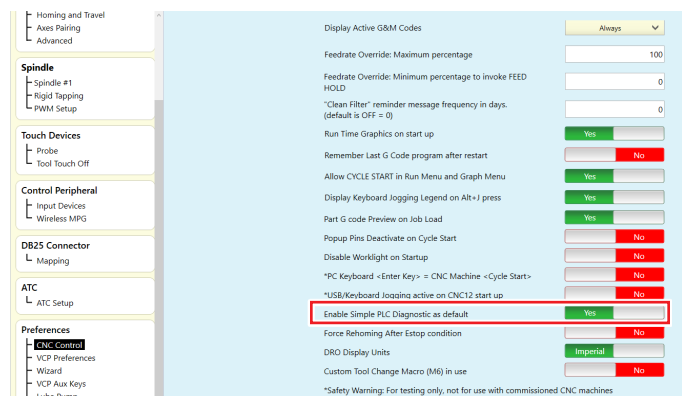


FIGURE 2

D. After making the change, click on “write setting to CNC control configuration.” Then click “OK.” Restart the Acorn controller and then restart the software (see Figure 3).

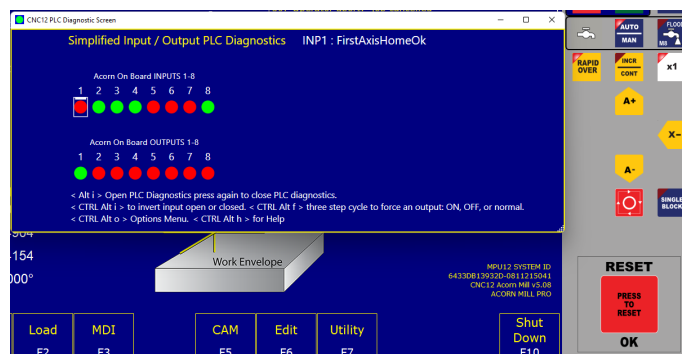


FIGURE 3—Simplified I/O PLC Diagnostic Display.

FYI: Acorn On Board INPUTS 1, Numbers 1, 2, 3, and 4 are the limit switch signals for axes X, Y, Z, and A. They should be green when the switch is inactive, and they will turn red when the switch is engaged.

Thank you,
Sherline Products Inc.