Acorn CNC12 v4.12 release notes

1.) Wireless MPG support for Centroid XHC model CWP-4. More information here.

2.) Contour ShuttleXpress support. More information here.

3.) added "Limit All" and "Home All" functionality to Wizard (use one input for all home switches and another for all limit switches, OR use just one input for both all home and all limit switches, saves inputs)

4.) added Wizard "control peripherals" tab added and those related items have been moved out of the spindle tab into the accessories tab.

5.) Default step frequency for AC drive types now defaults to 400 kHz

6.) Automatic Tool measurement in Mill and Lathe Pro now activated for all tool numbers

7.) Extended WCS (7-18) activated in Lathe Pro for a total of 18 WCS positions

8.) Rigid Tapping selection in wizard automatically sets all Rigid Tapping parameters to match the Tech Bulletin #304 (Acorn - Rigid Tapping Setup for Mill and Lathe), and allows users to edit those values in the Wizard

9.) Added Tool Touch off auto configuration to Mill Wizard

10.) Changed default steps/rev in "bench test" from 200 to 1600

11.) When importing a license file, an error message is displayed if the serial number extracted from the license file does not match the system serial number.

13.) Support for the new Centroid CWP-4 wireless pendant is included with Mill Pro or Lathe Pro CNC12 License (or Mill Dig bundle) a Pro license is required for use with the new wireless MPG. (Note: Wireless MPG pendant support is not included in the Free version of CNC12, however Contour ShuttleXpress support *IS* included in the Free version of CNC12)

14.) Changed VCP to always clear Rest Bit and Set ResetOk on shutdown

15.) Added to the Wizard the ability to control the default VCP jog mode on start up of CNC12.

16.) Refreshed and Updated Acorn_rev3 schematic set found here.

16.) Misc:
- Wizard UI improvements/changes
- Wizard now starts in top left of screen to insure user can move/re-size window
- Wizard "force on top of desktop" has been removed.
- Changed Acorn power off and reset message to "Please power cycle Acorn and then restart CNC12, Press any key to exit".
- Added aux10, 11, and 12 LED's to VCP
- Mill/Lathe Pro License rigid tapping bug fixed
- CNC12 can only be installed on the CNCPC C:\ drive, selection for other locations has been removed.
- Reordered Max, Fast and Slow Jog rates in the Wizard for better flow.
- fixed worklight bug not being mapped to aux key
- added notes to Acorn specific CNC12 parameters in the CNC12 configuration menu
- Wizard: Added Keyboard navigation by tab and enter. Textboxes will now highlight on click also.
- Wizard: Improved error message handling for max/fast/slow rates in relation to the wireless mpg.
- Wizard: Fixed max rate/fast jog value check error message bug.

CNC12 update installation video instructions click here..