

Programming Guide for USB Cherry Keyboards

This document describes:

- How to install “Cherry Tools” software on a Windows-based PC; and
- How to program a USB Cherry Keyboard and its built-in mag-stripe reader to work with WordStock’s Credit Card Authorization module.
- This applies to Cherry keyboard model **8000HUBUS**.



Installing “Cherry Tools” from CDROM

1. Connect the USB Cherry Keyboard to any available USB connector on the Windows computer.
2. Close any open Windows programs and insert the *Cherry Multiboard USB Compact Disk [CD]*.
 - If the install program doesn’t autorun, go to ‘My Computer’ or ‘Explore’ and double-click the cdrom drive, which is usually the ‘D:’ drive.
3. On the install main screen that appears, there are four choices in multiple languages:
 - Cherry Tools;
 - OPOS;
 - JPOS; and
 - Read Manual.

Click <Cherry Tools>.

4. Next dialog box that appears: **Choose Setup Language**. If not already selected by default, choose <English> and click <OK>.
5. When the first **Cherry Tools Installation Wizard** dialog box appears, click <Next>.
6. Next dialog box that appears: **Choose to accept license agreement** and click <OK>.
7. Next dialog box that appears: **Select Features**. “Designer” is selected by default; click <Next>.
8. Next dialog box that appears: **Ready to Install the Application**; click <Next>.
9. When installation is complete, click <Finish>; when prompted, click <Yes> to **Reboot Now**.

Cherry Keyboard Programming USB Interface

1. Go to **Start > All Programs > Cherry Tools**. Click **<Designer>**. **Designer Wizard Select Connected Keyboard** dialog box appears.
2. Click the line that includes **G81-8000hubus**. (this should be the only keyboard referenced). Click **<Finish>**.
3. **Active Configuration** dialog box is displayed; click the **<X>** to close this. On the toolbar above, click **<New>**.
4. Next dialog box that appears: **Select Keyboard Family**; choose **<G81-8000>** and click **<Finish>**.
5. A dialog box for creating a new configuration appears with two tab options. **Programmable Keys** is currently selected; click the **<Magnetic Card>** tab. In the Options field, select **<Track 1>**.
6. To the right of the Options field, verify that track enabled is checked; click the **<Header Enabled>** check box.
7. Click the **<Create>** button. The **Cherry Macro Recorder** dialog box appears.
8. Type **<;>** on the Cherry Keyboard. A semi-colon [;] will appear in the blank field below the virtual keyboard. Click **<OK>** to return to the previous dialog box.
9. Click the **<Terminator Enabled>** checkbox.
10. Click the **<Create>** button. The **Cherry Macro Recorder** dialog box again appears. Perform the keystrokes to type **? <shift key + ? key>**

Note: This action will not display a **?** in the field below the virtual keyboard. It will display the actual keys that were typed, e.g., shift-left-slash, which will be interpreted as a question mark [?]. Press **<Enter>** on the **main** keyboard -- **do not press the <Enter> key on the number pad**.

Displayed in the field below the virtual keyboard is: **Shift (****) / Enter**

11. Click **<OK>** to return to the previous dialog box.

This completes the creation of our WordStock configuration file.

- To Save the file, click the **<Save>** button on the toll bar.
- To activate the file, click the **<Download>** button on the toolbar. A dialog box will appear to indicate: **The requested operation was completed successfully**; click **<OK>**.

A Test dialog box appears; click the **<X>** to close it.

The Cherry USB Keyboard is ready to use and the magnetic stripe reader is properly programmed for WordStock Credit Card Authorization.