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## Getting Started with the ControlPad 684



**Do NOT plug the keypad into the PC until instructed to do so.**

**NOTE:** Install the Windows software on your PC from the CD or downloaded file. The rest of this guide assumes that you have already installed the MacroMaster684 software into your PC and only explains how to change the serial settings and program the keys on the keypad.

For detailed information on how to program the other properties, please refer to the complete "Controlpad 684 User Manual".

### Hardware Installation

**Controlpad 684 (RS232 Version)** - Plug your keypad into an available RS232 serial port and plug in the included 5vdc regulated A/C power adaptor into the power jack located on the serial connector end of the cable.

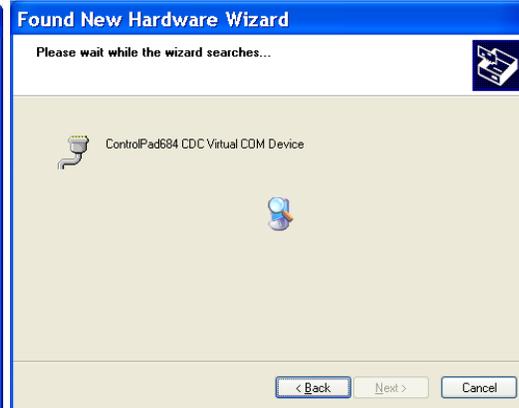
**Controlpad 684-U (USB Version)** – You must first run the installation CD which will install the MacroMaster684 software and the necessary USB drivers that are required to create a virtual serial COM port within your Windows operating system. Once the software and driver installation is complete, then **plug the Controlpad 684-U into an available USB port**. Windows XP will launch the Hardware Wizard. Windows 8 will install automatically.

XP:

Click the Next Button



Windows Searches for the Driver



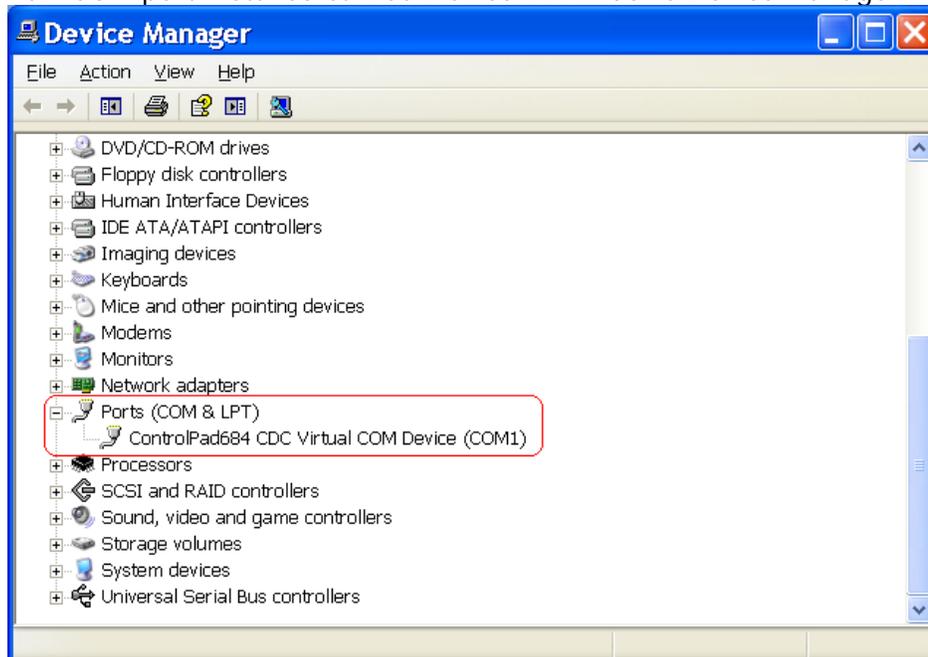
Click "Continue Anyway"



Click "Finish"



The new COM port installed can be viewed in Windows Device Manager



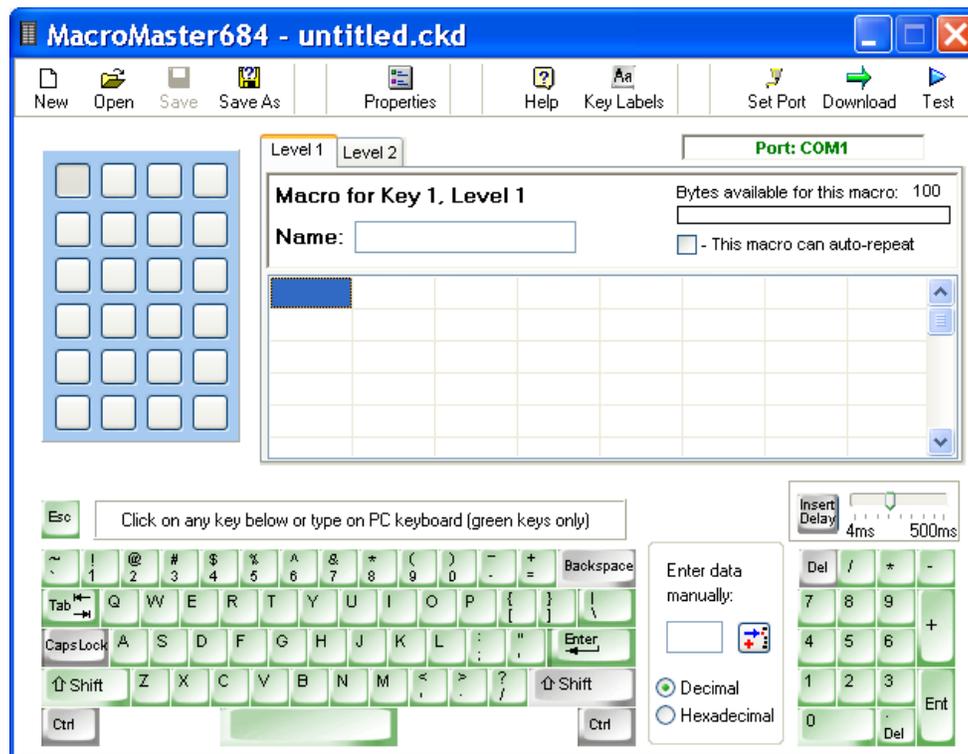
## Run the MacroMaster684 program

### Step # 1

Run the MacroMaster program. (This is used to create, save, and download your key macros to the Controlpad 684).

- Click on  
Start >> Programs >> Genovation >> MacroMaster684 >> MacroMaster684

The MacroMaster684.exe Application looks like this.



### Step # 2

- Click on "Set Port" button to locate the Controlpad 684 COM Port.
- If you already know the serial port COM number, then click on the "**Set COM port manually**" selection, then choose the COM port you are using and click "OK" to save.

If you do not know the serial COM port, then click on the "**Search for Controlpad automatically**" selection, then the OK button to connect. When finished, any Bump Bar devices found will be listed in the dropdown box. Choose the device you want and click "OK" to save.

### **Step # 3**

The 24 ControlPad 684 "virtual" keys are located on the left side of the MacroMaster program. Use your mouse to click on the key(s) you want to program.

### **Step # 4**

Enter the keyboard keystrokes that you want to record into the selected macro location. There are two ways to enter keystrokes.

- Use your mouse to click on the keys you want to record. Use the keyboard graphic that is located on the bottom of the MacroMaster Program. This will automatically insert each key selected into the grid.
- Use your standard keyboard that is already attached to your PC to type in the keystrokes. Only the green colored keys are available from your keyboard directly for keyboard to keyboard programming. The other keys will have to be entered using your mouse.

### **Step # 5**

Save your macro definitions to a file.

- Click on the "Save as" button.
- Type in a filename and click on "Save".

### **Step # 6**

Download your macro definitions to the Controlpad 684.

- Click on the "Download" button. This will download the macro definitions from the filename you last saved. This will take a few moments. Wait for the keypad to reboot.

### **Step # 7**

Test your keystrokes.

- Click on the "Test" Button. A serial key test program will open and you can test your key macros.
- Finally, you can test your key macros in your own application program.

**If you need more detailed instructions on the Controlpad 684, please read the User Manual.**