

# How To Program The M5000 Data Collector

This document will explain how to program the M5000 Data Collector.

You may need to upgrade the flash in order to program the M5000.

If you have to upgrade the flash perform the following steps:

- 1.
2. Take the data cable that came with the **M5000**. Plug the clip end into the data collect and plug the 9 pin end into the com port on your pc.
3. Turn the **M5000** on. The main menu will come up.
4. Arrow down to **upgrade flash** and press enter. Right arrow to select yes and press enter.
5. On the pc open the **M5000 Programmer**.
6. Select **Communication** and left click the mouse button to bring down the drop down menu.
7. Left click the **upgrade flash** option.
  7. Do you wish to continue? Click yes.
8. Enter the File to send box will appear. Select **image.upg**.
9. Click on the send and flash will begin. Once it is finished the **M5000** will beep and go back to
10. The main menu. Once finished you will need to reset the baud rate.
11. Arrow down to **setup** and press enter.
12. Arrow down to **comm..setup** and press enter.
13. Arrow down to **baud rate** right arrow and change 9600 to 38400. Press exit until back at main
14. menu.

You are now ready to program the M5000

On the M5000:

Turn the unit on, by pressing the red power button on the upper left-hand side of the data collector.

On the main menu arrow down to **Communication**. Press enter.

Select **Receive**. Press enter.

Select **System Files**. Press enter.

Select **Communication RS232 Modem**. Press enter.

The screen on the data collector will read: **Waiting for Xmodem connect**.

That is all you do on the data collector for the moment.

On the PC:

1. You need to have the **M5000** utilities floppy loaded. This comes with the **M5000** data collector.

You also need the Advantage software floppy that Lawrence has. This contains the Purchasing and Count files you need to download to the **M5000**.
2. On the pc open up the **M5000 programmer** icon.
3. Click on **Communications**.
4. Click on **Send File**.
5. A box with files will open. There are two files that we need: **PURCHASE.pg5** and **COUNT.pg5**. Select one of the files. You can only load one at a time. Pick one and then repeat PC steps 1-5 to download the second one.
6. A send file box will open click on the send button and the file will be sent. The data collector will beep and tell you it has received the file. That's it your done.

You are now ready to set up the **M5000** to receive data. To set that up do the following:

1. Power the **M5000** on.
2. From the main menu select **communications** and press enter.
3. Arrow down to **Comm. Setup** and press enter.
4. Arrow down to **Char Delay** and press the right arrow key until it says **99ms**.
5. Arrow down to **Mode** and press the right arrow key until it says **KBD WEDGE**.
6. Press exit twice.
7. At the main menu arrow down to **Bar Codes** and press enter.
8. Arrow down to **UPC** and press enter.
9. Use the right arrow key to turn off everything except **Decoder**.
10. Press exit twice.

Once the **M5000** has been programmed you are ready to connect it to your tcs. To do this you must do the following:

1. Disconnect the upload data cable from the PC.
2. Take the Y cable that came with data collector and plug the male end into you tcs keyboard port and the female end into the keyboard cable.
3. Take the shunt that came with the data collector (it looks like a small black box with a light in the center) and plug it into the 9 pin female end of the Y cable.
4. Then plug the 9 pin male end of the upload/download cable plugged into the data collector and plug it into the other end of the shunt. When the tcs is powered on the light on the shunt should come on.
5. When you power on the **M5000** the main menu will come up. Select **input** then go to your file options Purchase and Count. You are now ready to begin data collection.

GRN 02/29/01