CommWrangler™ Utility

Instructions

For RS232 Models: PSA-66-ST (GEN1) and PSA-66-ST2 (GEN2™)
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Using the CommWrangler Utility

Introduction
The CommWrangler™ utility, developed by FutureLogic, Incorporated, is a tool for testing communication with the following FutureLogic RS232 printers: PSA-66-ST (GEN1) and PSA-66-ST2 (GEN2™).

This publication describes how to install the CommWrangler utility and test communication with the printer.

Installing the Software
To install the software and ticket file:
1. Create a folder on your computer where you will place the CommWrangler utility and the ticket. Make a shortcut on the desktop if desired.
2. Obtain the following from the FutureLogic Exchange™ secured area of our Web site at www.futurelogic-inc.com:
   - CommWrangler utility software
   - Ticket0.zip
3. Place the above files in the folder created in step 1.
4. Unzip Ticket0.zip.

Testing Communication with the Printer
To test the communication with the printer:
1. Connect the RS232 printer to the PC using the FutureLogic, Inc. Evaluation Cable (Part Number 150-00044) or other approved cabling.
2. Power up the printer.
3. Launch the CommWrangler utility.
   The main screen displays.
Figure 1: CommWrangler Main Window

4. Select 38400 in the **Baud rate** field.

   This is the baud rate for RS232 printers.

Figure 2: Baud Rate Selection

5. Select the COM port to use in the **Select Port** area.

   The single port on the back of most PCs is COM1. If you are using a Quatec card, select the correct port.

Figure 3: COM Port Selection and Initialization

6. Click the **Init. Comm. Port** button to activate communication with the printer.
7. Click the Open File toolbar button.

![Open File Toolbar Button](image)

Figure 4: Open File Toolbar Button

The Select File Type area displays on the main window.

![Select File Type Area](image)

Figure 5: Select File Type Area

8. Select **Normal**.

The Open dialog box displays.

9. Go to the folder where the CommWrangler utility and ticket file are stored. See *Installing the Software* on page 1.

10. Double-click the **ticket0.tkt** file.

Ticket0.tkt displays in the **Select This File** area.

![Ticket File Selected](image)

Figure 6: Ticket File Selected

**Printing One Ticket**

To print one ticket:

- Click the **File** toolbar button.

This will send one print command to print one ticket.

![File Toolbar Button](image)

Figure 7: File Toolbar Button
Printing Multiple Tickets
To print multiple tickets:

1. From the **Repeat File to Printer** area, enter the amount of print jobs/tickets to print. For example, if you have a 200 stack of tickets, enter **200** in the first box.

2. Enter the delay time between jobs. For example, if you want to print a ticket every 10 seconds, either click on the right arrow or enter **10** in the box.

   **Note:** It is recommended that you use a minimum of a 3 second delay. Even at 3 seconds, there is a possibility of skipping jobs and not using the full stack.

3. Click **Start Printing** to send the jobs.

   To stop printing, click **Stop Printing**. You can re-start by clicking **Start Printing** but remember: stopping in the middle of a print job is not a problem. When you start printing again, it will take it a few seconds to send the next print job and return to the normal cycle.

***END***