

# Parallel Auto Switch (SA-P401)

## Features:

- 4 to 1 Automatic/Manual Switch
- Non-Powered
- Automatic and Manual Selectable
- Transparent to User
- Easy to Install and Operate
- Compact Size
- FCC Approved

## Specifications:

Cable Distance ..... 15 meters  
 4 Input Connectors ..... DB25F  
 1 Output Connector ..... DB25F  
 Input Status LED Lights ..... 4  
 Input Port Selection ..... Automatic/Selectable  
 Timeout ..... 5 to 60 secs.  
 Weight ..... 175 grams  
 Dimensions ..... 159mm x 86 mm x 20 mm

## Installation:

1. Turn off the power to all devices.
2. Connect the COM1 (or COM2) of Devices 1, 2, 3, and 4 to the Auto Switch's PORT A, B, D, and E with DB25 Male to Male Cables. **(CIB-004-06)**
3. Turn on the power to all devices.
4. Connect the port of Device 5 to the Auto Switch's Port C with a DB25 Male to Centronics 36 Male Cable. **(CIB-25C-10)**
5. Your configuration should now resemble Figure 1.

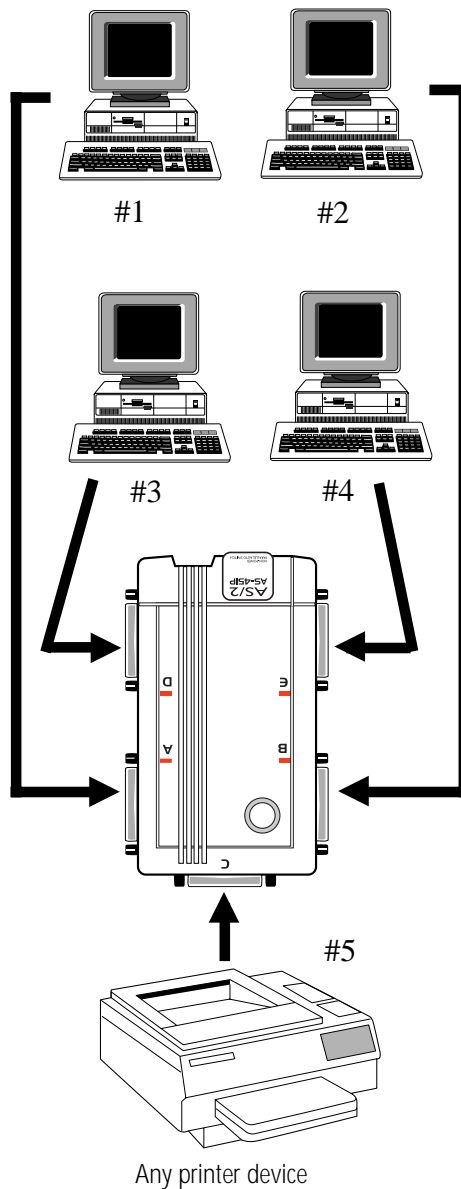
## Cable Setup Guide:

Because cables have different pin-outs or wiring configurations, it is important to use the correct setup with your data transfer switch.

Following are the System Connection recommended cables, for use with your auto switch:

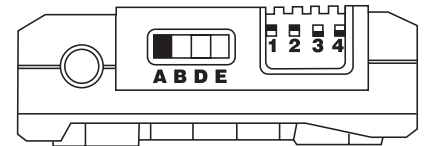
1. To connect the computers to your auto-switch, use a 6' IBM-Switchbox Cable, DB25M/M: **CIB-004-06**
2. To connect your auto-switch to the printer, we recommend a 10' IBM Bi-Directional Printer Cable, DB25M to Centronics 36M: **CIB-25C-10**

Figure 1



## Switch Settings

Figure 2



**Automatic Setting: Dip Switch 1 OFF**

**Manual Setting: Dip Switch 1 ON**

Note: The timeout settings are on the label on the back of your Auto Switch. When shipped, the default settings are Dip Switch 1 OFF (Auto Mode), and Dip Switch 3 ON (Timeout is 10 seconds).

## Port Settings

Note: The Port Settings below are only effective in the Manual Mode.



Switch Port A to Port C  
 LED A is on, LEDs B, D and E are off.



Switch Port B to Port C  
 LED B is on, LEDs A, D and E are off.



Switch Port D to Port C  
 LED D is on, LEDs A, B and E are off.



Switch Port E to Port C  
 LED E is on, LEDs A, B and D are off.

## Troubleshooting:

### Windows 3.1 users:

1. "Fast printing direct to port" must be **OFF**. Open "Main Program Group", open "Control Panel", open "Printers", choose "Connect", turn OFF "Fast printing direct to port". Go back out through the menu.
2. If switchbox is not functioning, an optional power supply may be required. Power supply specifications are: DC 6-9V, 150mA.

### Windows 95 users:

Before printing, change the "Check Port State Setting" and check the "Spool Settings".

### Here is the procedure to do this:

1. Click on the "Start" button once, and select "Settings", then select the "Printers" icon. Select your appropriate printer by clicking on the icon once.
2. After you have selected the right printer, click once on the "Files" pull-down menu and then select "Properties".
3. Select the "Details" tab, and then select the "Port Settings" button.
4. When the "Configure LPT Port" window is open, it will be necessary to **UN-SELECT** the "Check port state before printing" command.
5. Check one other option at this point. Click on the "Spool Settings" button, and see if you have the option to choose "DISABLE bi-directional support for this printer". If this is not greyed out, choose this setting, and then select "OK".
6. Exit back out of the menus, and you are done.