User's Manual

CPI system

400 series

**Self Service Credit Card Terminal
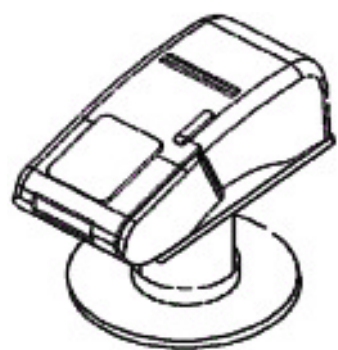for Copy Machines**

www.CPIsystem.com
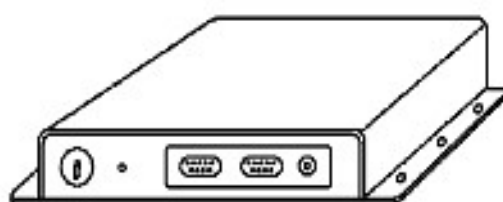
Copy Network Inc.

CPI system

Index: **Page**

Chapter 1 Parts Index

Your CPI system upon arrival should contain the following parts :

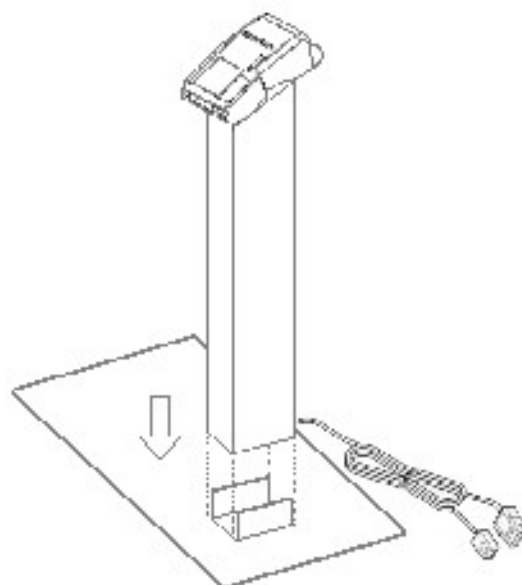CPI Terminal   Processing Module

Interface Cable   Paper Roll   Remote   Bypass Keys   Power Cord

A Floor Stand might also be
included in your setup.

CPI Terminal: The CPI system uses the VeriFone Vx570 credit card terminal for Processing, LCD Display and receipt Printing.

CPI Processing Module: A plastic box housing the electronic circuits and copier interface module.

Interface Cable: Custom designed communication cable for copier, printer, fax and computer interfacing.

Remote Control: Activates the CPI system from up to 40 feet away. Prints a receipt for cash payment at any register or to be charged to a hotel room account.

Bypass Key: Used to bypass the CPI system and to provide management level access to the terminal.
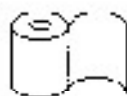
Receipt Paper: For replacement make sure paper rolls out from under the paper roll. Use **thermal 2 1/4" x 85'**.

Power Cord: The CPI system operates on 110-220V, 50- 60hz, at 1.5A power consumption.

Floor Mount setup

(1)   (2)

(1) Remove cables from inside the CPI stand.

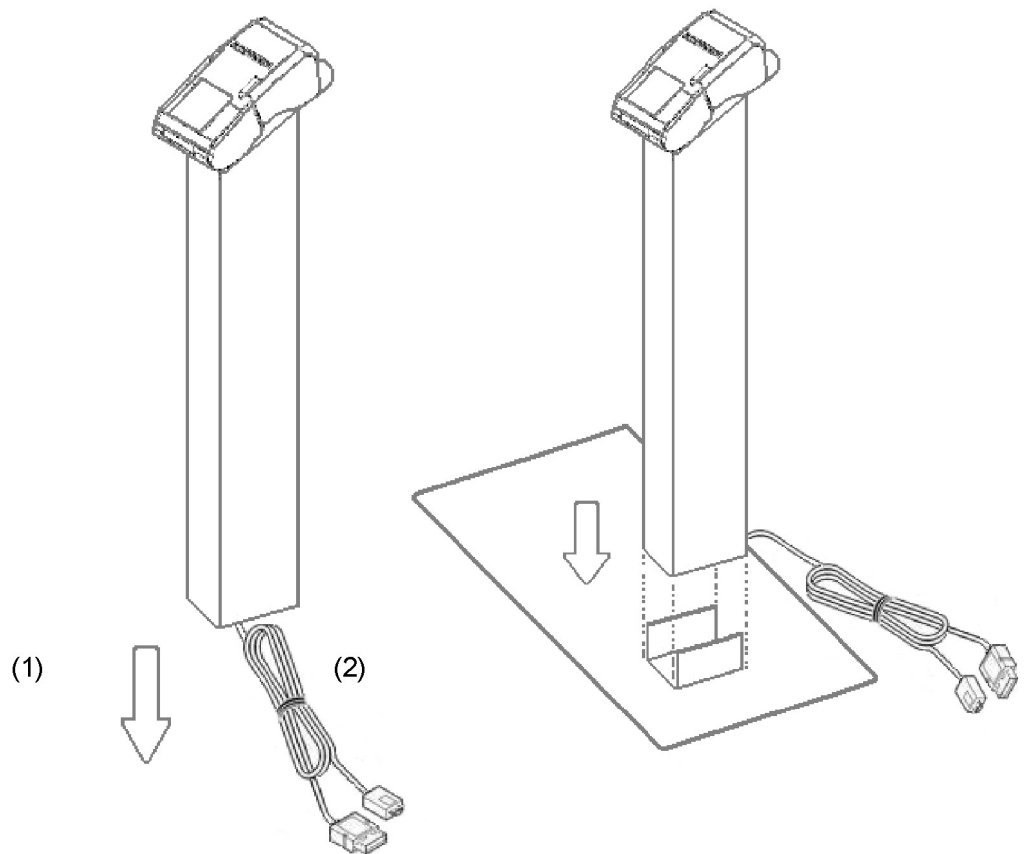(2) Attach stand to the floor base. Make sure the cables run through the cut-out
    section at the back of the stand.

3) Place screws in their positions. If more than one system, make sure you use
    the proper base with each stand. Insert first the front screws. Do not over
    tighten the back screws.

(4) Slide left side of the stand under the copier.

(5) Secure connectors to the CPI Module as described in Chapter 2.2 diagram
    and plug phone line in wall outlet.

(6) Plug in the power, the system will take about a minute to cycle. Once the
    display shows: "SWIPE CARD TO ACTIVATE COPIER" it would be ready to
    use. First press the remote button for a couple of seconds, the system should
    activate the copier. Make a few copies then press the Green Button.

(7) Swipe a credit card and make a few copies then press the Green Button.

CPI 420 setup for Copiers and Printers

Copier interface

9 Pin connectors
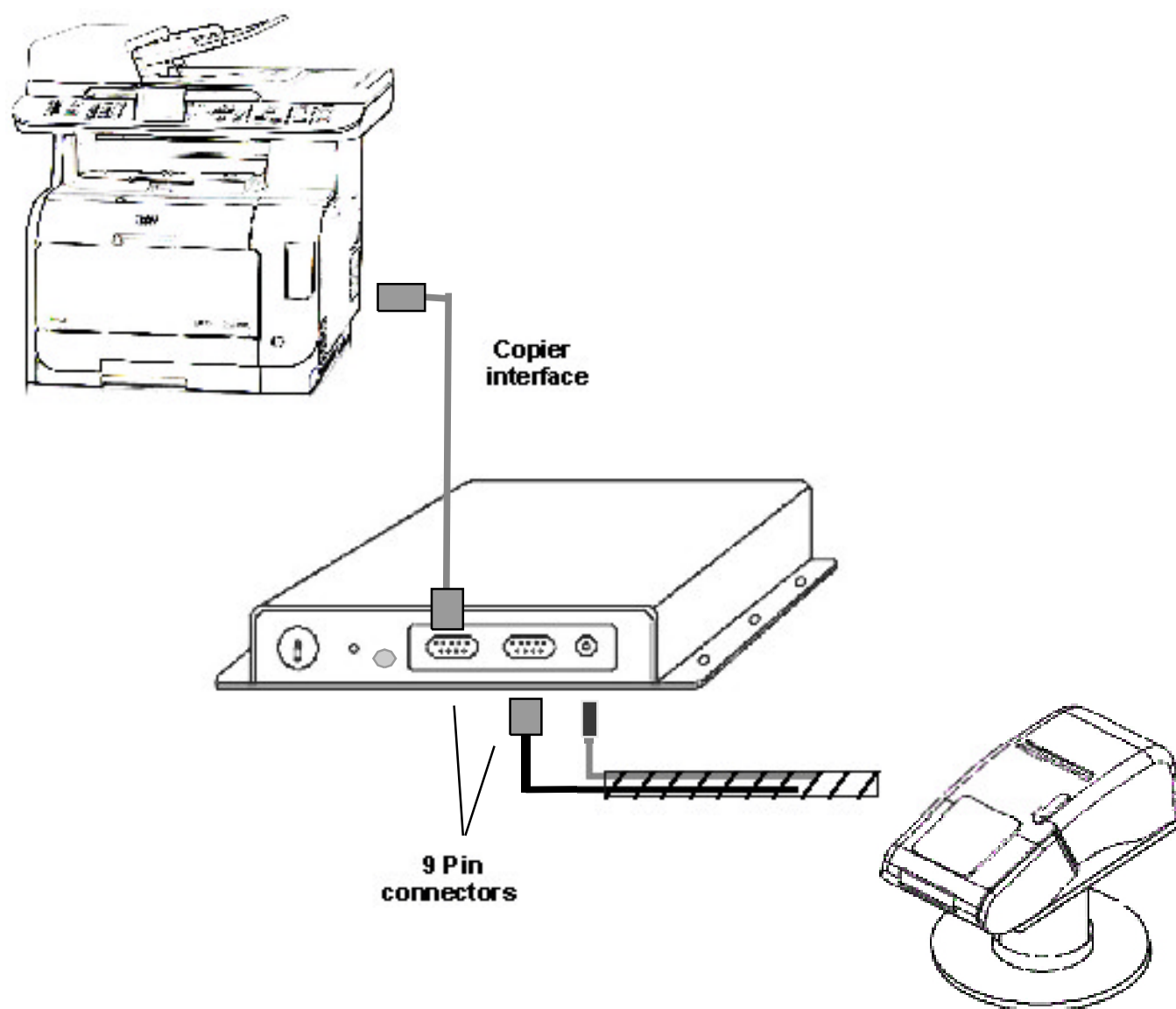
CPI 490 setup for Computers and Printers

9 Pin connector
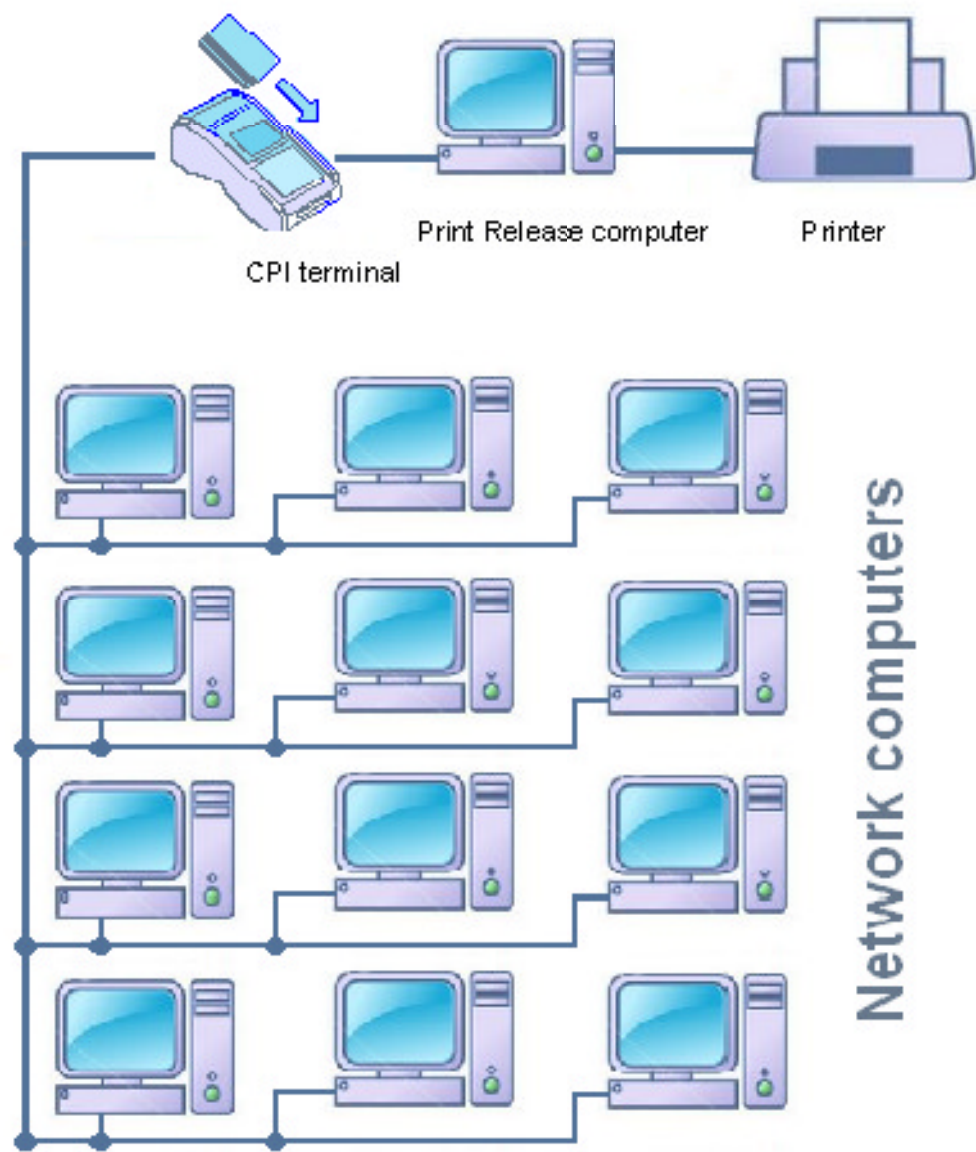
9 Pin connectors

COMPUTER
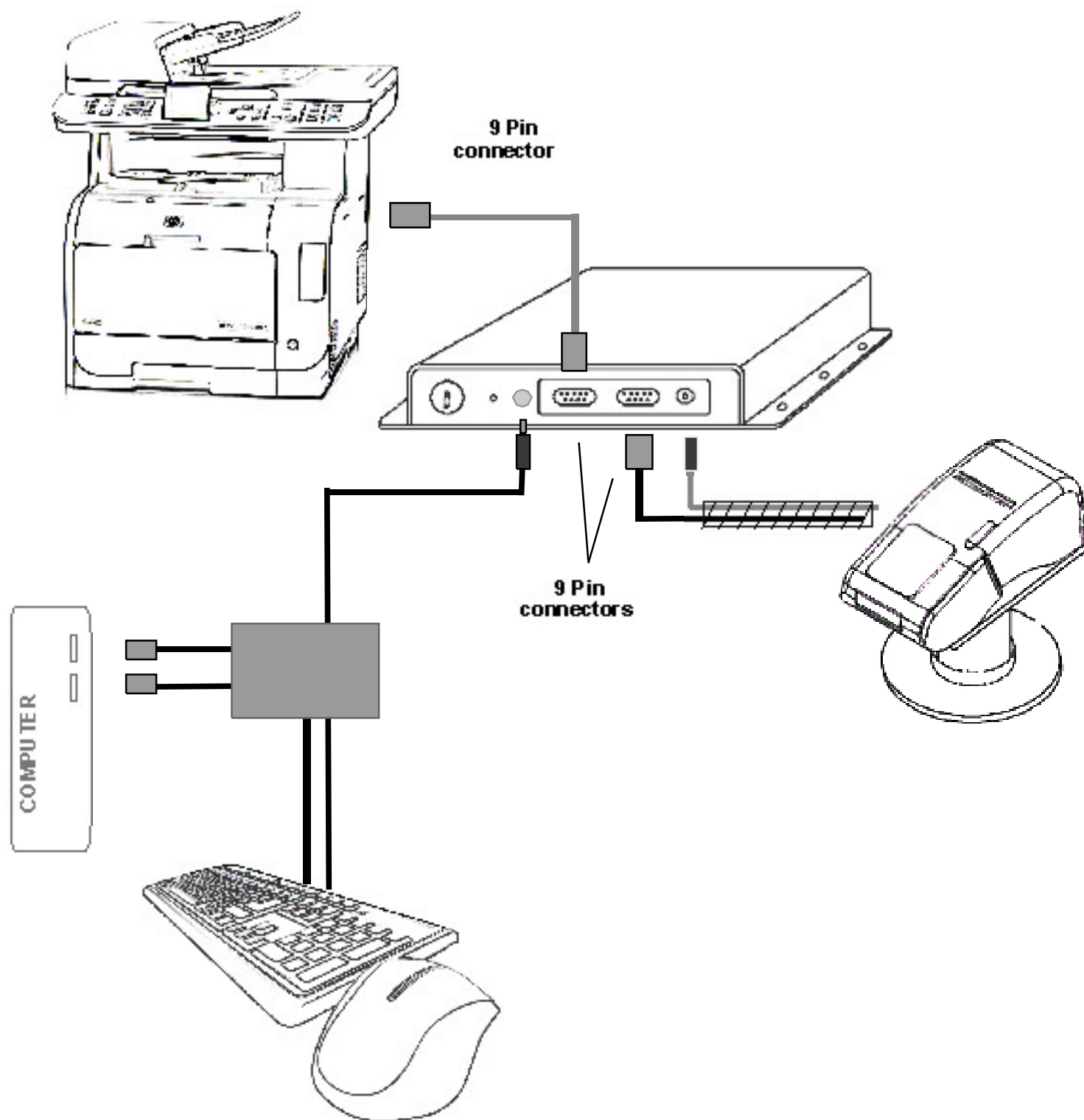
Print Release Stations:

The CPI system can provide a credit card payment option for print release stations where print jobs are selected by a print release software prior to be printed. This will allow the user to select and pay for their own prints.

Where the print release station is a computer, the CPI mouse must be installed on the print relase station (computer) and connected to the Printer. Once a credit card is swiped the system will enable the mouse to select the
print job. Every page printed will generate a pulse and increment the page count.

Where the print release station is a MFP or printer, the print ability will be disabled until a credit card is swiped as a regular copier.

CPI terminal   Print Release computer   Printer

Network computers

CPI Module

Fax monitor LED

Copier "ON" LED

Bypass key   **Keyboard / mouse Enable Port**   **Copier Port**   **Terminal Port**   **Terminal Power**
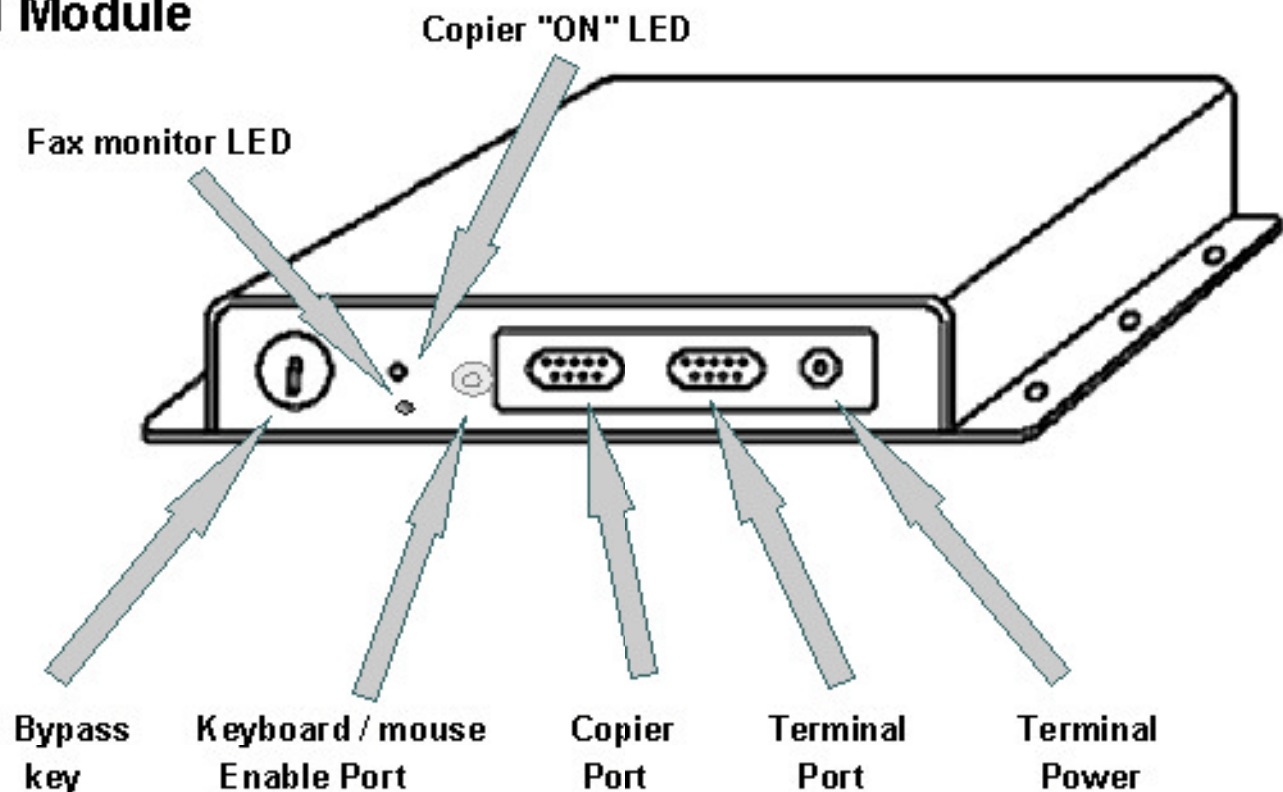
Bypass key: Used only by management for programming level control

Keyboard / mouse Enable Port: Used for mouse and keyboard control

Copier Port: Attaches to the copier interface cable. (see diagram below)

Terminal Port: Attaches to the 9-pin serial terminal connector

Terminal Power: Attaches to the 9V terminal power plug   **+9V**   **Ve**
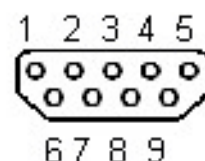
Copier "ON" LED: Indicates when the copier is Activated

Fax Monitor LED: Displays the analog Fax trasmission signal

Pin #   **function**   (Not for Xerox copiers)

9 pin Copier Port

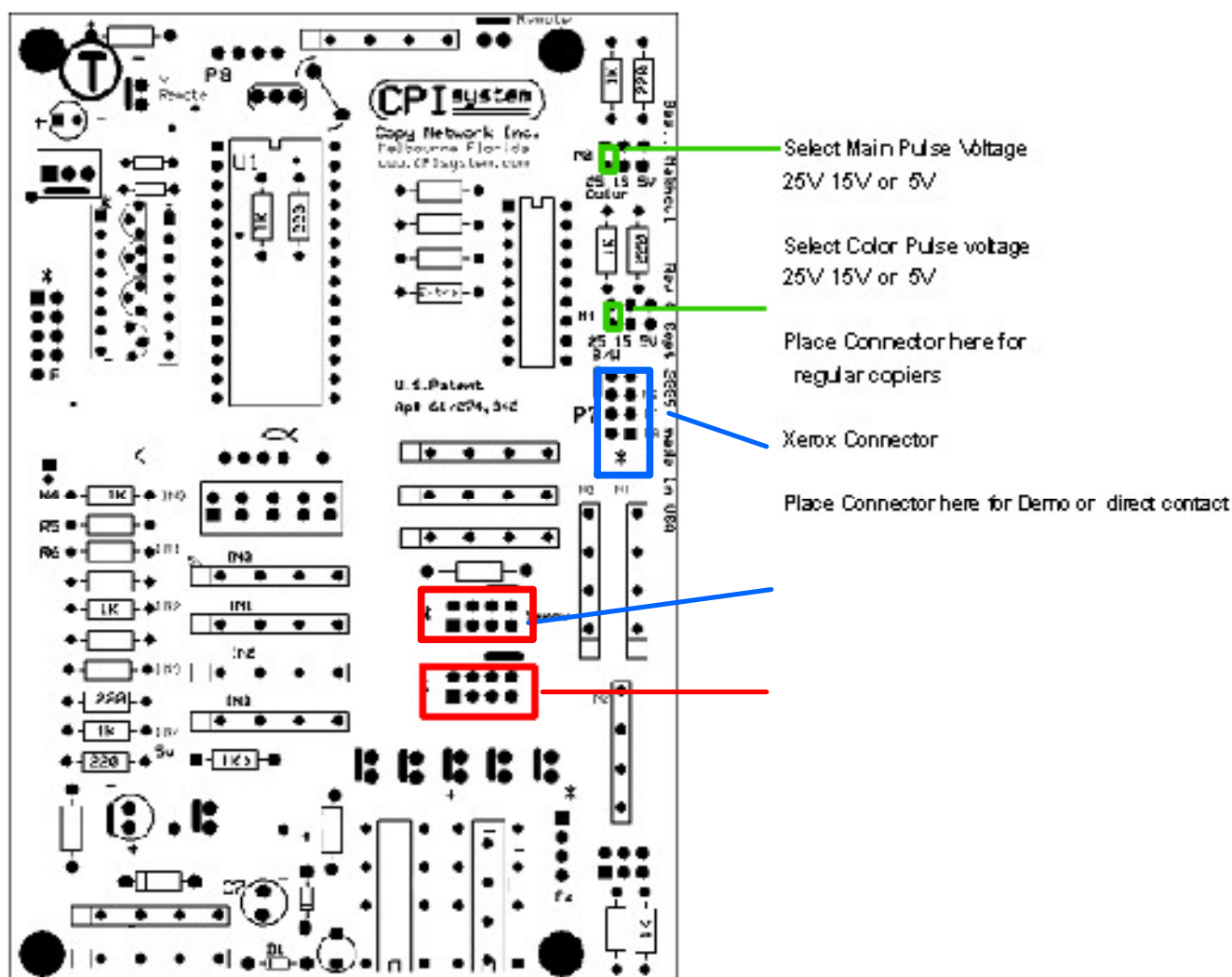| Pin #	function
1	Main Pulse (+25V. . . +5V)
2	Ground (- ve)
3	Color Pulse (+25V . . . +5V)
6	Enable
8	Enable

1 2 3 4 5

6 7 8 9

Interfacing the CPI system to a copier :

The CPI system can monitor up to 3 pulse lines (4 on Xerox copiers) up to 480 pulses per minute and can charge for any combination of the above price lines.

The copier voltage must be selected properly on both the Main Pulse and the Color Pulse. The jumper on Main Pulse is the top one and the Color Pulse is the lower one. If the voltage is 24V the jumper must be remain all the way to the left. If around 15V place it should be in the middle and if it is 5V place it to the right.

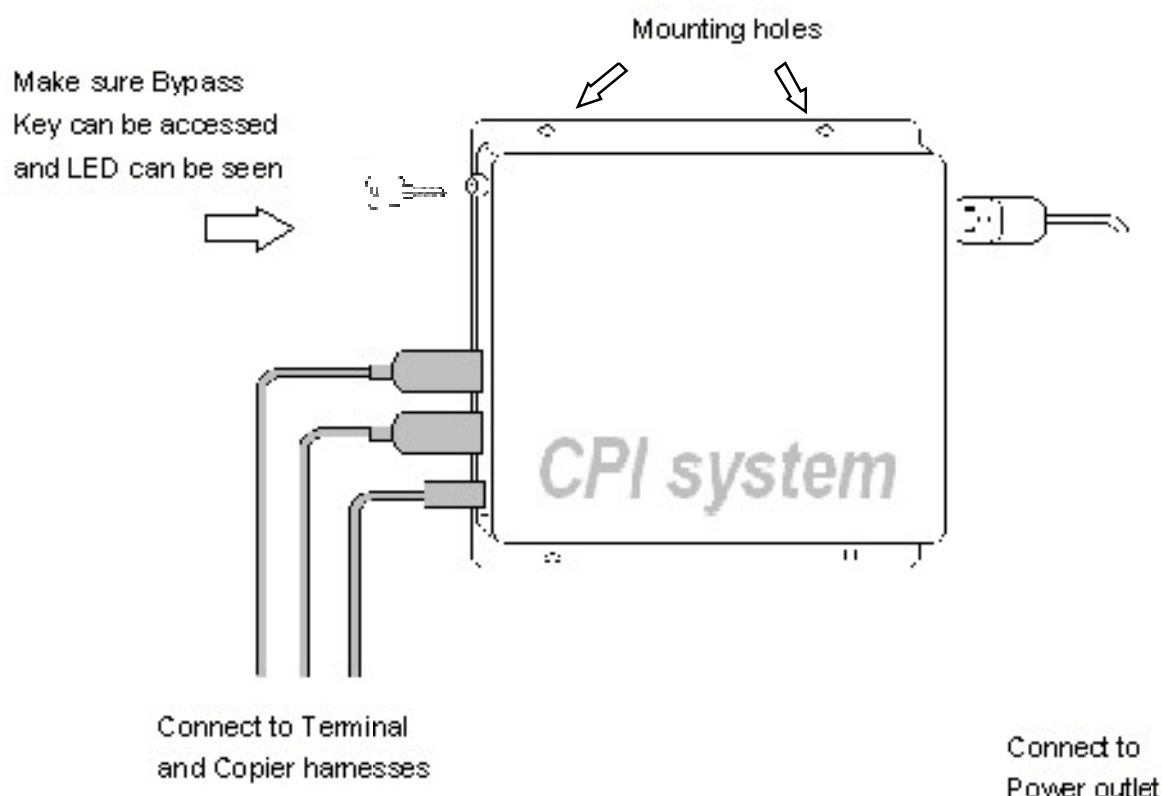The same is done for the Color Pulse voltage. Most likely it will be 5V and the jumper would need to placed to the right.

Please note that some copiers have both the Color and B/W Pulse on the Main line.

Select Main Pulse Voltage
25V 15V or 5V

Select Color Pulse voltage
25V 15V or 5V

Place Connector here for
regular copiers

Xerox Connector

Place Connector here for Demo or direct contact

Module Mounting and Connections:

The Processing Module can be mounted with screws on the back of the copier base or copier. Use caution not to damage any components while drilling.

Mounting holes

Make sure Bypass
Key can be accessed
and LED can be seen

CPI system

Connect to Terminal
and Copier harnesses

Connect to
Power outlet

Fax Processing:

The CPI system can share the same phone line with the Fax machine.

The built in Fax Processor monitors the phone line and bills for each transmitted fax page. Fax machines attempt to re-send a page if not transmitted properly to the receiving unit due to phone line error, noise or unit not ready. This process is normal for fax communication and may result in an additional fax page count and charge to the customer.

The CPI system will not charge for busy lines or failed fax transmissions.

Directions

**for using the self service Copier
and Fax**

(1) Swipe card as indicated with
magnetic stripe to the LEFT.

(2) In a few seconds your card will be validated and the
Copier will be ready to use. The CPI will display the
number of pages copied or faxed.

(3) When you are finished, press the **Green button.**
Within a few seconds a receipt will be printed. Tear receipt
by pulling forwards then to the side.

        B/W Copies : 10 cents each
        Color Copies : 75 cents each
        Sent Fax   : $1.00 per page

For Non credit card users, ask front desk to activate the copier. When

done press **Green button** then take invoice to the register for payment.

Transaction Receipts:

The CPI system provides two types of receipts, one credit card activated and the other remote activated. Both show the number of copies made and total sale amount. The credit card receipt contains the credit card transaction data.
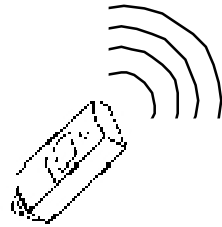
```
LAKE WASHINGTON TECH
      132ND AVE. NE.
   KIRKLAND,WA 98034


Merchant ID: 0002G548

VISA ********4500

Entry Method: Swiped

App Code:117 Batch #0236

Inv #058 11:45 am 9/2/2010

Total : $2.80


        You have Made:


    12 B/W copies for    $ 1.20

    4 colored copies for $ 1.60

    0  11x17 copies for  $ 0.00


        Total Sale = $ 2.80
```

```
You have Made:


    12 B/W copies for    $ 1.20

    4 colored copies for $ 1.60

    0  11x17 copies for  $ 0.00


        Total Sale = $ 2.80



    Please take receipt # G4541

    to any Register for payment
```

Remote Activate Receipt   Credit Card Receipt

Copy Network Inc.

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