

Setting up the PDT6840 Scanner for use With the PA400 label printer

In this section of the document, you will set up the scanner itself. You will need a windows pc that can access a dos prompt, the cradle, the scanner with a charged battery, a 9 pin female/25 pin male serial cable, and a disk with the hex files and sendhex program. Before you begin, make sure that the pc is connected through the serial cable to cradle, the scanner is in properly seated in the cradle, and that the cradle is plugged into the wall using the ac adapter that came with it.

- 1.) Hold down 'A', 'B', and 'D' on the scanner and push power, then release 'A', 'B', and 'D'. When you get to a 'D:\' prompt then type 'flshfmt', press <enter>, then 'y' and <enter> again. This will format the flash to prepare the scanner for the new files. (If it does not automatically take you to the 'D:\' prompt, then press <ctrl> then 'c' and answer 'y' to halt the batch process.)
- 2.) Press <Pwr> on the scanner to turn it off, then reboot it by pressing holding down 'F' and 'I' while pressing <Pwr>, then release 'F' and 'I'. You will come up to COMMAND MODE. Press the down arrow once to select 'Program loader' and press <enter>.
- 3.) Press <enter> again to erase the EEPROM.
- 4.) Arrow up once to '19200' then press <enter> 4 times.
- 5.) Now at the dos prompt on the pc (start > run > command) type 'a:' then <enter>. Next type 'sendhex lwp.hex 19200 1' then <enter>. (note: 1 in this example means com1, if you were using com2, then you would put the 2 in place of the one.)
- 6.) Press <enter> on the scanner, then <enter> on the pc. The file will begin to transfer. If the file stops transferring before the pc counts 100%, or you get something other than 'status 0000' when it is done, you will have to repeat the steps 5 & 6 again.
- 7.) Once that is done, press <Pwr> on the scanner. Now perform a cold boot as in step 1 ('A' & 'B' & 'D' and <Pwr>). At 'Press enter when ready', press <enter>. After the scanner has come all the way back up press <enter> 5 times.
- 8.) On the pc type 'sendhex upd802.hex 19200 1' <enter>. Then <enter> on the scanner again. This will send the second file. If it doesn't complete, or if you don't get the '<Enter> to Warm Boot' option then it is done, you will have to perform steps 7 & 8 again.
- 9.) The scanner should boot up and at the end say 'No applications!' and drop you to the command prompt again. This is because we haven't loaded the VTL software yet. First things first.
- 10.) At the command prompt type 'cfg24' and press <enter>. A menu will come up. Arrow down to ESS ID and press <enter>. This should match what you entered into the AP's NET_ID. If it doesn't then backspace it out and type the correct one in and press <enter>.

- 11.) Now arrow down to 'MU IP Address' and press <enter>. Here, input the IP address you assigned the scanner when you were setting up the 'hosts' file in the SCO server and press <enter>.
- 12.) Arrow down to 'Subnet Mask' and press <enter>. Change this if necessary to read '255.255.255.0' and press <enter>.
- 13.) If this scanner will be used in a remote store than arrow down to 'Router' and press <enter>. Here change the value to the IP address of the router in the remote store and press <enter>.
- 14.) Arrow down to 'Exit' and press <enter>.
- 15.) Press <Pwr>. Now boot the scanner as you did in step 2 (hold 'F' and 'I' and press and release <Pwr> then release 'F' and 'I'). It should come up into COMMAND MODE again.
- 16.) Arrow down once, press <enter> 2 times, arrow up once, press <enter> 4 times.
- 17.) On the pc, type 'sendhex vtl46k.hex 19200 1' and press <enter>, then press <enter> on the scanner. The file should start sending. If it doesn't complete or if you get something other than 'status 0000', you will have to repeat steps 15 – 17 again.
- 18.) Now cold boot the scanner as you did in step 1 again ('A', 'B', 'D', and <Pwr>)
- 19.) If the scanner says 'Not Associated' then press <Func>, then <ctrl>, then 'R' and choose option 1 and press <enter>. Otherwise press <Func>, then <ctrl>, then 'R' and choose option 2.
- 20.) An empty box should appear. Press <enter>. In the first field type the IP address of the server that the scanner will connect to. Arrow down once and type the name of the server. Make sure that the third field says 'VT100', if it doesn't then arrow down and change it by pressing <ctrl> and then 'N'.
- 21.) Press <ctrl> then 'S'. It should take you back to the box, this time with the connection you just made listed. If it doesn't then press enter and redo it. If it does show your new connection, then press <ctrl> and then 'S'. You should receive a 'saving...' at the top of the screen then it should give you your 3 options again. If it doesn't then press <enter> and it should then proceed. After that choose option 3 and press <enter>.
- 22.) Wait a few seconds and it should now say 'No connection to host'. Press <enter> and you should get a login screen. If you don't then double check your connections and IP Addresses again.