

Setting up the PDT6840

You will need the following items in order to program this device:

- a) a 9 pin female to 25 pin male, null cable
- b) a charging cradle with power adapter
- c) a Symbol model PDT6840
- d) a Windows based PC with working 9 pin male serial port
- e) the proper files disk for the application at hand (10 or 12 digit UPCA)

The Symbol unit will remain in the cradle unless otherwise specified.

- 1.) Insert the floppy disk into the drive.
- 2.) Double click on My Computer
- 3.) Double click on Floppy [A:]
- 4.) Double click on install.bat
- 5.) Click on Start
- 6.) Choose Programs
- 7.) Click on MS-DOS Prompt
- 8.) Type **cd c:\hexfiles** and press **[Enter]** (You are done with the PC until step 26, leave it as is. Don't close any windows.)
- 9.) Press and hold the **A B** and **D** keys on the Symbol unit.
- 10.) Press and release the **PWR** button.
- 11.) Release the **A B** and **D** keys. This will cold boot the unit.
- 12.) When you get a D:\ prompt on the screen type **flshfmt** and press **[Enter]** on the Symbol unit.
- 13.) When asked 'Are you sure?(N)/Y' press **Y**.
- 14.) When you are returned to a D:\> prompt, press and release the **PWR** button.
- 15.) Press and hold the **F** and **I** keys on the Symbol unit.
- 16.) Press and release the **PWR** button.
- 17.) Release the **F** and **I** keys.
- 18.) This will bring you to the following screen:
COMMAND MODE

Select function
Self test
- 19.) Press the arrow down button.
COMMAND MODE

Select function
Program loader
- 20.) Press **[Enter]**
- 21.) It will now display:

Program loader
WARNING: EEPROM
WILL BE ERASED
CONTINUE? <ENT>

22.) Press **[Enter]**

23.) You will see:

Comm Parameters

Baud
4 9600

24.) Arrow up to 19200 and press **[Enter]** four times

25.) You will see:

Comm Parameters

Start? <ENT>

26.) On the PC you should be at a dos prompt like this: C:\hexfiles>_

27.) At the dos prompt on the PC type **sendhex lwp.hex 19200 1** and press **[Enter]**

28.) You should see 'Press <ENTER> when remote is ready. ESC to abort...' on the PC.

29.) Press **[Enter]** on the Symbol unit. You should see:

Program loader

Receiving :

If you don't press **[Enter]** again on the Symbol unit.

30.) Press **[Enter]** on the PC. The file will start transferring now from the PC to the Symbol unit.

31.) When it is done, if you see anything other than the following, you will need to press **[Enter]** go back to step 10.

Program loader

Status 0000

32.) Press **PWR** on the Symbol unit.

33.) Press and hold the **A B** and **D** keys on the Symbol unit.

34.) Press and release the **PWR** button.

35.) Release the **A B** and **D** keys. This will cold boot the unit.

36.) The unit will come up to a screen that look like this:

INSTALLING
LWP HEX Ver

Spring: 3.06 – 07
802.11: 4.02 – 07
Loading system files
1. Re-format flash
2. Use flash as is
Select[1,2]:

- 37.) Press **1**
- 38.) When asked ‘Are You Sure?(N)/Y’ press **Y**
- 39.) When you see ‘Load UPD802.HEX Strike any key when ready...’ press **[Enter]** on the Symbol unit.
- 40.) At ‘<ENTER> to erase NVM’ press **[Enter]** on the Symbol unit.
- 41.) When you see the following screen press **[Enter]** five times

Symbol Technologies
NVM Loader 2.09-01

Protocol
Standard

- 42.) This will bring you to the following screen:
Symbol Technologies
NVM Loader 2.09-01

<ENTER> to Download
<F1> Repeat Menus
<F2> Restart Loader

- 43.) On the PC type **sendhex upd802.hex 19200 1** and press **[Enter]**
- 44.) You should see ‘Press <ENTER> when remote is ready. ESC to abort...’ on the PC.
- 45.) Press **[Enter]** on the Symbol unit. You should see:

Symbol Technologies
NVM Loader 2.09-01

Address:

If you don’t press **[Enter]** again on the Symbol unit.

- 46.) Press **[Enter]** on the PC. The file will start transferring.
- 47.) When it is done, if you see anything other than the following, you will need to press **FUNC** then **2** and go back to step 33.

Symbol Technologies
NVM Loader 2.09-01

Valid Download

<ENTER> to Download
<F1> Repeat Menus
<F2> Restart Loader

- 48.) Press **[Enter]** on the Symbol unit.
- 49.) When you come to where it says that the terminal cannot associate with the AP, press **CTL** then **C** on the Symbol Unit.
- 50.) When asked 'Halt Batch Process (Y/N) ?' press **Y**
- 51.) You will be brought to a **D:\>** prompt.
- 52.) Type **cfg24** and press **[Enter]** on the Symbol unit.
- 53.) Arrow down to **ESS Id** and press **[Enter]**
- 54.) Press **BKSP** to clear out anything that is listed under 'Enter ESS Id:'
- 55.) Type **linksys** and press **[Enter]**
- 56.) Arrow down to **Subnet Mask** and press **[Enter]**
- 57.) Make sure it says **255.255.255.0**
- 58.) If it does not press **BKSP** to clear out anything that is listed under 'Enter SN Mask:' and type **255.255.255.0**
- 59.) Press **[Enter]** on the Symbol unit.
- 60.) Arrow down to **MU IP Address** and press **[Enter]**
- 61.) Press **BKSP** to clear out anything that is listed under 'Enter IP addr:'
- 62.) Type in an appropriate IP address and press **[Enter]**
- 63.) Arrow down to **Boot Mode** and press **[Enter]**
- 64.) Arrow up to change it to **Manual entry** and press **[Enter]**
- 65.) If you are configuring this for a remote site that does not have its own server, then arrow up to **Default router** and configure it with the router's IP address as well.
- 66.) Arrow down to **Exit** and press **[Enter]**
- 67.) When you are returned to a **D:\>** prompt, press and release the **PWR** button.
- 68.) Press and hold the **F** and **I** keys on the Symbol unit.
- 69.) Press and release the **PWR** button.
- 70.) Release the **F** and **I** keys.
- 71.) This will bring you to the following screen:
COMMAND MODE

Select function
Self test
- 72.) Press the arrow down button.
COMMAND MODE

Select function
Program loader
- 73.) Press **[Enter]**
- 74.) It will now display:
Program loader

WARNING: EEPROM
WILL BE ERASED
CONTINUE? <ENT>

75.) Press **[Enter]**

76.) You will see:

Comm Parameters

Baud

4 9600

77.) Arrow up to 19200 and press **[Enter]** four times

78.) You will see:

Comm Parameters

Start? <ENT>

79.) At the dos prompt on the PC type **sendhex vtl46k.hex 19200 1** and press **[Enter]**

80.) You should see 'Press <ENTER> when remote is ready. ESC to abort...' on the PC.

81.) Press **[Enter]** on the Symbol unit. You should see:

Program loader

Receiving :

If you don't press **[Enter]** again on the Symbol unit.

82.) Press **[Enter]** on the PC. The file will start transferring now from the PC to the Symbol unit.

83.) When it is done, if you see anything other than the following, you will need to press **PWR** go back to step 58.

Program loader

Status 0000

84.) Press **PWR** on the Symbol unit.

85.) Press and hold the **A B** and **D** keys on the Symbol unit.

86.) Press and release the **PWR** button.

87.) Release the **A B** and **D** keys. This will cold boot the unit.

88.) When the unit asks for you to remove it from the cradle, then do so.

89.) When it comes up to <Enter> to connect press **FUNC** then **CTL** then **R**

90.) When asked for the password, type **system** and press **[Enter]**

91.) Answer yes to the warning by pressing **Y**

92.) You will come to a screen like this:

MODIFY:

1. Terminal Config
2. Host Profiles

3. RETURN
HIT 1, 2 OR 3

- 93.) Press **2**
- 94.) Press **[Enter]** on Advantage
- 95.) Change the Host Address to the IP address of the server that this device will connect to.
- 96.) Press **CTL** then **S** to save.
- 97.) Press **CTL** then **S** to save again.
- 98.) Press **3**
- 99.) You will see <Enter> to connect again.
- 100.) Press **[Enter]** on the Symbol unit. You should get a login, if not then you will need to press **FUNC** then **CTL** then **R**. Choose option 1 and check the Advantage IP address. If that is not it, choose option 2 from the MODIFY menu and check the MU IP Settings.