
PocketWeave **User's Manual**

Version 1.1

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**Compaq/HP
iPaq 3600,
3700, 3800, or
3900 Series
Pocket PC**

**Dell Axim
Pocket PC**

To install *PocketWeave*, you will drag and drop two files between a desktop computer and the Pocket PC. A program called *ActiveSync* comes with each Pocket PC for this purpose. Follow the instructions provided with the *ActiveSync* disc for installing it on the desktop computer. Once this is completed, place the Pocket PC in the cradle and attach its USB cable to the desktop computer. Turn the Pocket PC on and wait for it to connect.

Place the *PocketWeave* CD in the computer's drive. Open an Explorer window on the desktop computer by double-clicking the My Computer icon. Now click on the icon for the CD-ROM drive containing the *PocketWeave* CD. Double-click the **wce300** folder to open it. Now double-click the **arm** folder to open it.

Open another Explorer window on the desktop computer by double-clicking the My Computer icon. Now double-click the Mobile Device icon. This will open a folder on the Pocket PC so you can transfer two files to it.

From the first window, drag both of the files shown, **netcf.core.ppc3.arm** and **PocketWeave_PPC.arm**, over to the second window to transfer them to the Pocket PC. Once this is completed, remove it from the cradle.

On the Pocket PC, select the Programs item from the Start Menu. Now click on File Explorer to start it. Click the down arrow shown in the title bar and select My Device. Now click on My Documents. You should see the two files, **netcf.core.ppc3.arm** and **PocketWeave_PPC.arm**, that you transferred.

To install *PocketWeave*, first click on the **netcf.core.ppc3.arm** file. It will automatically be deleted after it installs. Then click on the **PocketWeave_PPC.arm** file. It, too, will automatically be deleted after it installs. Click on the X in the upper-right corner to close the File Explorer. Now you're ready to run *PocketWeave*.

On the Pocket PC, click the Start icon and choose Programs. Now click on *PocketWeave* to start the program. Follow the instructions included with *PocketWeave* for installing your registration number and selecting the doobby type and port.

Introduction	Welcome to <i>PocketWeave</i> ! You have purchased the first Pocket PC software program for weaving with computer controlled dobby looms. It works with files from nearly any weaving program and shows your position within a full color drawdown of the fabric as you are weaving.
Supported Files Types	<i>PocketWeave</i> uses Weaving Information Files (WIFs) produced by almost all weaving software.
Supported Hardware	<p><i>PocketWeave</i> supports AVL Compu-Dobby models I, II, and III.</p> <p><i>PocketWeave</i> is designed for computers running the Pocket PC 2002 operating system or subsequent versions of it.</p> <p>To transfer WIFs to the Pocket PC, a desktop computer with a USB port and running Windows'98, Windows ME, Windows 2000, or Windows XP is required.</p> <p>You may be able to transfer files directly from a Macintosh computer to your Pocket PC also, using third party software (see http://www.pocketmac.net for more information).</p>
Connecting the Pocket PC to the Dobby	<p>For weaving, you will need to attach the Pocket PC to your loom's dobby. This requires a serial cable and the one that came with the dobby should work fine. AVL has also provided an adaptor which may be necessary as well.</p> <p>Most Pocket PCs can be used in a cradle with the cable running from the cradle to the dobby. This provides a nice stand for the computer and enables it to be connected to the wall for power while weaving instead of running off the battery. If you use it in the cradle, you need to attach the enclosed connector (called a null modem) to the cable. If you use the Pocket PC without the cradle, use the cable without the null modem, just as it came with the dobby.</p>
Connecting the Pocket PC to a Desktop Computer	<p>You can drag and drop files between a desktop computer and the Pocket PC using a program called <i>ActiveSync</i> that is included with it. Follow the instructions provided with the <i>ActiveSync</i> disc for installing it on the desktop computer. Once this is completed, place the Pocket PC in the cradle and attach its USB cable to the desktop computer and make sure both are turned on.</p> <p>The Pocket PC will appear as another drive in your computer called Mobile Device. Now you can drag and drop between it and your desktop computer. This is how you load WIFs into it for weaving.</p>

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Copying WIFs from the Desktop Computer to the Pocket PC

Open an explorer window on the desktop computer by double-clicking the My Computer icon. Browse to the folder containing your WIFs.

Open another explorer window on the desktop computer by double-clicking the My Computer icon. Now double-click the Mobile Device icon. This will show you the My Documents folder on the Pocket PC. Create a new folder here to hold your WIFs by selecting the New Folder item from the File Menu. It can be named anything; **WIFs** is a good choice.

In the first window, select the WIFs you want to transfer. Drag them over to the **Wifs** folder you created on the Pocket PC, which shows in the second window. When you are finished, detach the Pocket PC from the computer and connect it to the doobby for weaving. You can repeat this process any time to load more WIFs.

Overview of Weaving

Transfer the WIF you're going to weave to the Pocket PC.

Connect the Pocket PC to the doobby and make sure the doobby is turned on.

On the Pocket PC, click the Start icon and choose Programs. Now click on *PocketWeave* to start the program. The first time you run *PocketWeave*, you'll have to select your doobby model and the port to which it is connected. To do this, choose Com1 from the Set-Up Menu. Also choose AVL CD I, AVL CD II, or AVL CD III, depending on your doobby type. These settings will be saved when you exit the program, so you only need to do this the first time you run it.

From the File Menu, choose Open. A selection box will appear so you can choose the file to open. Set the Folder option to **All Folders** and the Type option to **Wif Files (*.wif)**. This will show you all the WIFs located in every location on the Pocket PC. Now click on the one you want to open.

If the Pocket PC is properly connected to the doobby, you will see a full color drawdown of the fabric and the doobby will activate for the first row of weaving. Pressing the treadles on the loom will advance the pattern for the next shot.

Now you can try out the options from the View Menu to show you different views of the pattern.

You can also try out the options from the Color Menu. These change the colors used to show your current weaving position and for the dividing lines used to show the weave structure.

Menus

The items on the Position Menu are used to set the weaving direction to forward or backward and to jump to another weaving position.

When you are done weaving, choose Exit from the File Menu. This will save your position so that you can start in the proper place the next time you load this same WIF, without having to remember where you were. It will also save the color and view settings you have chosen.

File > Open

Opens a WIF for weaving. Jumps to the weaving position where you left off last time.

File > WIF Info ...

Shows information about the current WIF.

File > About ...

Shows information about *PocketWeave*.

File > Exit

Exits, saving all settings and the current weaving position.

Position > Forward

Sets the current weaving direction to forward.

Position > Backward

Sets the current weaving direction to backward.

Position > Skip 1 Row

Skips one row in the current weaving direction.

Position > Skip 5 Rows

Skips five rows in the current weaving direction.

Position > Skip 10 Rows

Skips ten rows in the current weaving direction.

Position > Skip 50 Rows

Skips fifty rows in the current weaving direction.

Position > Skip 100 Rows

Skips 100 rows in the current weaving direction.

Position > Skip 500 Rows

Skips 500 rows in the current weaving direction.

Position > Skip 1000 Rows

Skips 1000 rows in the current weaving direction.

Position > Skip 2 Rows Opposite Dir

Skips two rows in the direction opposite the current weaving direction. Useful for when you want to back up a little bit, like for changing bobbins.

Position > Go To Pattern Start

Goes to the first pick in the pattern.

View > Drawdown

Shows a full color drawdown of the fabric.

View > Structure

Shows an outline view of the fabric structure.

View > Warp

Shows a full color view of the warp threads.

View > Weft

Shows a full color view of the weft threads.

View > Treadles

Shows the treadling as if you were weaving this on a treadle loom instead of a dobby loom.

View > Shafts

Shows which shafts are up or down

View > Smallest

Adjusts the view size.

View > Smaller

Adjusts the view size.

View > Small

Adjusts the view size.

View > Medium

Adjusts the view size.

View > Large

Adjusts the view size.

View > Larger

Adjusts the view size.

View > Largest

Adjusts the view size.

Color > White Mark

Draws the position indicator color in white.

Color > Grey Mark

Draws the position indicator color in grey.

Color > Black Mark

Draws the position indicator color in black.

Color > Red Mark

Draws the position indicator color in red.

Color > Green Mark

Draws the position indicator color in green.

Color > Blue Mark

Draws the position indicator color in blue.

Color > White Lines

Draws lines showing the weave structure in white.

Color > Grey Lines

Draws lines showing the weave structure in grey.

Color > Black Lines

Draws lines showing the weave structure in black.

Color > Red Lines

Draws lines showing the weave structure in red.

Color > Green Lines

Draws lines showing the weave structure in green.

Color > Blue Lines

Draws lines showing the weave structure in blue.

Setup > Com1

Selects COM1 as the communications port. Most Pocket PC devices will use this port for *PocketWeave*.

Setup > Com2

Selects COM2 as the communications port.

Setup > Com3

Selects COM3 as the communications port.

Setup > Com4

Selects COM4 as the communications port.

Setup > AVL CD I

Selects the AVL Compu-Dobby I.

Setup > AVL CD II

Selects the AVL Compu-Dobby II.

Setup > AVL CD III

Selects the AVL Compu-Dobby III.

Test > Connect

Used only for troubleshooting cable problems.

Test > Raise All

Causes the doobby to raise all the shafts. Used for alignment when installing a Compu-Dobby.

Test > Lower All

Cause the doobby to lower all the shafts.

**Software
Installation**

PocketWeave comes pre-installed on your Pocket PC. If you keep the battery from becoming completely discharged, you will probably never need to re-install the software. Storing the Pocket PC in its charging cradle when not in use will help with this.

You may need to re-install *PocketWeave* if the battery loses all its power or if you do a hard reset operation on the Pocket PC or if you get a replacement Pocket PC. The installation instructions vary slightly depending on the actual model of Pocket PC. A separate instruction sheet for your specific unit is included with the product. Please consult this for installation directions.

After installing the software, the first time you run it, you will have to select the Registration item from the File Menu. Then fill in the registration number provided for your Pocket PC.

Troubleshooting

If you are having trouble getting the Pocket PC to connect the doobby, try the following steps:

- 1.) Make sure the doobby is plugged in and turned on.
- 2.) Start *PocketWeave* and check your communications port and doobby setting from the Setup Menu to make sure they are correct. COM1 should almost always be the correct port. The doobby setting must match your doobby. Available choices are Compu-Dobby I, Compu-Dobby II, or Compu-Dobby III.
- 3.) If you are using the Pocket PC in its cradle, you probably need a null modem in your cable. Check to see that it is there. If you are not using the Pocket PC in its cradle, make sure that your cable does not contain a null modem.
- 4.) After completing steps 1, 2, and 3, exit *PocketWeave* by choosing Exit from the File Menu.
- 5.) If the problem persists, try performing a soft reset on the Pocket PC. On most units, you do this by pushing a small black button with the stylus. Disconnect it from the doobby and/or remove it from the cradle first. The button is usually on the bottom of the device where it plugs into the cradle. After it resets, put it back in the cradle and/or reconnect it to the doobby. Start the program and load a WIF to see if it will connect to the doobby.
- 6.) If it still doesn't connect to the doobby, contact AVL Technical Support at 1 888 893-0913.

Additional Information

Additional information about this software may be available on AVL's website at <http://www.avlusa.com/software/PocketWeave>.

PocketWeave may eventually have its own website, too, containing technical information about the product and supported Pocket PC models and any updates, which will be available through AVL at <http://www.pocketweave.com>.