



**AVL LOOMS**

AVL Looms, Incorporated

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## Introduction to Compu-Dobby® Version 4.5

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Compu-Dobby version 4.5 updates the now seven year old Compu-Dobby IV platform. This revision brings the WiFi capabilities and faster processing of the Little Weaver to AVL's floor looms. Compu-Dobby 4.5 has the following features:

- WiFi compatible. The WiFi signal is communicated by a small approximately 0.5 inch half dome, plastic antenna that is visible on the near the USB port. The antenna replaces and eliminates the RJ-45 Ethernet port found on the Compu-Dobby IV.
- AVLDrive versions 1.0 and 2.0 compatible.
  - AVLDrive 1.0 is executable software installed on the control computer, and communicates via USB or WiFi.
  - AVLDrive 2.0 is browser-based and accessed by typing in the URL <http://www.avlusa.com/avldrive>. As a web application, it requires no software installation. AVLDrive 2.0 communicates via WiFi only.
- AVLAdmin compatible. AVLAdmin is used to setup the loom on your WiFi network router. AVLAdmin requires connection of the loom to a networked computer via the supplied USB cable. See *How-To: Dobby WiFi Configuration* here: [http://www.avlusa.com/downloads/LW\\_Wifi.pdf](http://www.avlusa.com/downloads/LW_Wifi.pdf)
- AVLUpdate compatible. AVLUpdate is used to update the loom's firmware.
- USB 2.0 – for faster serial communications.
- Faster processing – for faster weaving.

At launch, Compu-Dobby 4.5 is available as an option. Make sure your AVL sales representative knows your choice: Compu-Dobby IV or Compu-Dobby 4.5.

Other useful procedures:

**AVLDrive, AVLAdmin, AVLUpdate downloads**

<http://www.avlusa.com/resources/library/eula/>

**Configuring Your Router for the Little Weaver:**

[http://avlusa.com/downloads/Config\\_Router\\_Little\\_Weaver.pdf](http://avlusa.com/downloads/Config_Router_Little_Weaver.pdf)

Document guides you through ensuring your WiFi router is correctly setup to be compatible with the Compu-Dobby 4.5 WiFi requirements.

**AVL Software User Manual**



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[http://avlusa.com/downloads/AVLSoftware\\_User\\_Manual.pdf](http://avlusa.com/downloads/AVLSoftware_User_Manual.pdf)

Includes installation and basic use instructions on AVLDriver 1.0, AVLAdmin and AVLUpdate.

**AVLDriver 2.0 Software Manual**

<http://www.avlusa.com/downloads/AVLDriverV2UserManual.pdf>

**FTDI USB Driver and Mavericks**

[http://www.avlusa.com/downloads/FTDI\\_USB\\_Mavericks.pdf](http://www.avlusa.com/downloads/FTDI_USB_Mavericks.pdf)

Workaround for Apple's incorrect FTDI USB driver.

**AVL Loom Configuration Tool**

<http://www.avlusa.com/downloads/LoomConfigInstructions.pdf>

Companion procedure for using the Windows command line WiFi setup tool, *LoomConfig.exe*:

<http://www.avlusa.com/downloads/LoomConfig.exe>