ArbExpress® AXW100
Waveform Creation and Editing Tool
for Tektronix AWG/AFG

Installation Manual

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- Worldwide, visit www.tektronix.com to find contacts in your area.

Installation

This guide contains installation information and the system requirements for the ArbExpress® AXW100 Waveform Creation and Editing Tool for the Tektronix AWG/AFG version 2.7.

Customer documentation in the CD-ROM directories

The documentation for this application is provided on the ArbExpress Application CD-ROM \Documentation directory.

This directory contains the documentation for the ArbExpress software in Adobe Acrobat PDF format. You can read and print the manuals using Acrobat Reader. If you do not have Adobe Acrobat reader installed on your computer, you can install it by clicking on the link provided on the CD.

Minimum system requirements

The following is a list of the minimum system requirements needed and operating systems supported for installation of the ArbExpress software.

Supported operating systems:

- Windows XP Professional with Service Pack 1

- Windows 2000

- Windows 98/Me

- Windows NT with Service Pack 6a

Minimum system requirements:

- Pentium III @ 800 MHz and higher

- 256 MB RAM

- 300 MB Free Disk Space

- Microsoft Internet Explorer 5.01 and higher

- .NET Framework 1.1 Redistributable

- 800 X 600 Display Resolution

TekVisa requirements

The following table shows the conditions under which ArbExpress uses TekVisa version 3.3.2.7 or above. If TekVisa is not already installed on your PC, you can download the software from www.tektronix.com/downloads.

Communication type	Product	Oscilloscope
LAN [1]	The AWG400, AWG500, AWG600, and AWG700 series of instruments are supported through raw sockets (TekVisa may not be required).	TekVisa required.
	The AFG3000 series and AFG2021 instruments are supported through VXI 11 server.	
	The AWG5000/7000 series of instruments are supported through VXI 11 server. These instruments are not supported through raw sockets (TekVisa is required).	
GPIB [2]	TekVisa is required.	TekVisa required.
RS232	Not supported.	TekVisa required.
USB [3]	TekVisa is required.	TekVisa required.

[1] AFG300 and AWG2000 series instruments do not support LAN. LAN support with the AFG2021 requires option GL.

[2] GPIB support with the AFG2021 requires option GL.

[3] Only the AFG3000 series and AFG2021 instruments support USB.

NOTE. ArbExpress supports file transfer and control from MATLAB version 6.1, release 12.1. To use this feature, install TekVisa.

Setup and install procedures

This section describes how to install the application using the InstallShield Wizard. The installation program setup.exe installs the ArbExpress software. Do the following to install the ArbExpress software:

1. Insert the ArbExpress CD-ROM into the CD-ROM drive.

2. If the installation program does not automatically start, find setup.exe under the folder \ArbExpress on the CD-ROM and double-click it. The Install-Shield wizard displays the Splash Screen.

3. Follow the instructions given by the InstallShield wizard.

4. The installation follows this sequence of steps: Welcome, License Agreement, Choose Destination Location, Start Copying Files, Setup Status, and View Release Notes (optional).

   - Click **Next** to continue and navigate through the InstallShield wizard.

   - Click **Back** if you want to change the settings in the previous window.

5. In the Welcome window, click **Next** to display the License Agreement window.

6. In the License Agreement window, do the following:

   - Read the License Agreement carefully.

   - Select the **I accept the terms of the License agreement** option to continue.

7. After you have selected the **I accept the terms of the License agreement** option, then click **Next** to display the Choose Destination Location window.

8. In the Choose Destination Location window, do one of the following:

   - To install ArbExpress in the default folder C:\Program Files\Tektronix\ArbExpress click **Next**.

   - To change the location where you would like to install the ArbExpress software, click Browse and browse to the location.

9. Click **Next** to display the Start Copying Files window. This window displays the disk space available and the disk space required to install ArbExpress.

10. Click **Next** to start installation. The Setup Status window displays a progress bar. ArbExpress will be installed in the selected folder with a shortcut in the Start menu.

11. When the installation is complete, the message "ArbExpress Software Setup completed successfully" is displayed. If you do not have TekVisa and .NET Runtime Framework version 1.1 installed on your computer, ArbExpress detects this and displays a message to install these before running ArbExpress.

12. If the USB Device Driver does not install automatically, do the following:

   - Power on the USBTMC compliant instrument and connect it to the computer.

   - Follow the screens of the "Found New Hardware Wizard." Choose the option "Install from a list or specific location (Advanced)".

   - In the next dialog box, choose the option "Don't choose, I will choose the driver to install," and enter the location C:\vxipnp\winnt\tekvisa\bin. Select TekUSB.inf (may be automatically selected) and select Open.

   - The driver will be installed. See the TekVisa file readme.pdf for additional information.

13. Click **Finish** to exit.

Launching the application and application help system

After you have installed the application you can run the ArbExpress software by clicking **Start > Programs > Tektronix ArbExpress> ArbExpress Application**.

You can display the help system by clicking **Start > Programs > Tektronix ArbExpress> ArbExpress Help**.