

SerialXpress® SDX100
Advanced Jitter Generation Tool for Tektronix AWG5000 &
AWG7000 Series Waveform Generators
Installation Manual

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Table of Contents

Installing the Software	1
Manuals on the CD-ROM	1
Minimum System Requirements	1
Pre-requisites	2
Installation Procedure	2
Launching the Application and Online Help	3
Uninstalling the Software	3

Installing the Software

This document contains installation information and the system requirements for the SerialXpress software.

Manuals on the CD-ROM

The SerialXpress documentation is provided in the Documentation folder on the SerialXpress Application CD. This folder contains the following manuals:

- SerialXpress User Manual.pdf
- SerialXpress Quick Start User Manual.pdf
- SerialXpress Installation Manual.pdf

You can read and print the manuals using Acrobat Reader Version 8.11. If you do not have Adobe Acrobat reader installed on your computer, you can install it from the directory \Acrobat Reader\AdbeRdr811_en.exe on the application CD.

Minimum System Requirements

The following table lists the minimum system requirements for the offline version of the SerialXpress software:

Table 1: Minimum system requirements

Supported OS	Minimum requirements
Windows XP Professional and Windows Vista	2.0 GHz or higher
Service Pack 2.0	1 GB RAM
	2 GB free disk space
	1024 x 768 display resolution with 120 dpi font size

You will need TekVisa version 3.3.0.14 or above to send data to a Tektronix arbitrary waveform generator. If TekVisa is not already installed on your PC, you can download the software from www.tektronix.com/software. You can also install TekVisa from the path \TekVisa on the application CD.

Pre-requisites

The following components must be installed on your instrument (PC or Tektronix arbitrary waveform generator) for the SerialXpress application to run.

- MATLAB Runtime version 7.6 is installed on your instrument. You can install MATLAB Runtime version 7.6 from the path \MATLAB Runtime on the application CD or from the web release package.
- .NET v2.0 is installed on your instrument. You can install .NET v 2.0 from the path \DotNet\2.0 on the application CD or download from www.microsoft.com.
- TekVISA is installed and running. You can download the latest TekVISA at www.tektronix.com/software. To define the search criteria, use TEKVISA in the Keyword field. You can install TekVisa from the path \TekVisa on the application CD.

Installation Procedure

1. Insert the SerialXpress CD-ROM into the CD-ROM drive.
2. If the installation program does not automatically start, find setup.exe under the \SerialXpress folder on the CD-ROM and double-click it. The InstallShield wizard displays the Splash Screen.
3. Follow the instructions given by the InstallShield wizard.

The installation follows this sequence of steps: Splash Screen, Welcome, License Agreement, Choose Destination, Ready to Install the Program, Setup Status, and Installation Complete.

Before the installation begins, the wizard checks for the presence of MATLAB Runtime version 7.6 and .NET Runtime version 2.0. If these components are not found, a message appears recommending you to install them.

4. When the installation is complete, the message “SerialXpress Software Setup completed successfully” is displayed. If you do not have TekVisa version 3.3.0.14 or above, SerialXpress detects this and prompts you to install this before running SerialXpress.
5. Click **Finish** to exit.
6. The DK2 DESkey Driver installation begins. Use the default options to install the drivers. Once the installation is complete, click **Finish** to exit.

Launching the Application and Online Help

After you have installed the application, you can run the SerialXpress software by clicking **Start > All Programs > Tektronix SerialXpress > SerialXpress Application** or by clicking the shortcut on the desktop.

You can display the online help by clicking **Start > All Programs > Tektronix SerialXpress > SerialXpress Help**.

Uninstalling the Software

This section describes how to uninstall the application.

1. Uninstall the software in one of two ways:
 - By clicking **Start > All Programs > Tektronix SerialXpress > SerialXpress Uninstall**.
 - By selecting **Add/Remove Programs** in the Control panel.
2. The following message appears: Do you want to completely remove the SerialXpress software and all of its components?
 - Click **Yes** to proceed with uninstalling the software. The Setup Status window displays the progress on uninstallation. You cannot cancel uninstallation during this time.
 - Click **No** to exit uninstallation.
3. When the software has been uninstalled, click **Finish** to exit.

NOTE. *Uninstalling the application, does not uninstall the DK2 DESkey Drivers. To uninstall the DK2 DESkey Driver, select **Start > Control Panel > Add/Remove programs > DK2 DESkey Drivers 7.14.0.25**.*
