

SerialXpress® SDX100
Advanced Jitter Generation Tool for Tektronix AWG5000,
AWG7000, and AWG70000A Series Waveform Generators
Installation Manual



077-0049-07

Tektronix

SerialXpress® SDX100
Advanced Jitter Generation Tool for Tektronix AWG5000,
AWG7000, and AWG70000A Series Waveform Generators
Installation Manual

Copyright © Tektronix. All rights reserved. Licensed software products are owned by Tektronix or its subsidiaries or suppliers, and are protected by national copyright laws and international treaty provisions.

Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specifications and price change privileges reserved.

TEKTRONIX and TEK are registered trademarks of Tektronix, Inc.

SerialXpress® SDX100 is a registered trademark of Tektronix, Inc.

MATLAB®. Copyright 1984 - 2014 The MathWorks, Inc.

Contacting Tektronix

Tektronix, Inc.
14150 SW Karl Braun Drive
P.O. Box 500
Beaverton, OR 97077
USA

For product information, sales, service, and technical support:

- In North America, call 1-800-833-9200.
- Worldwide, visit www.tektronix.com to find contacts in your area.

Table of Contents

- Installing the Software 1
 - Manuals on the CD-ROM 1
 - Minimum System Requirements 1
 - Prerequisites 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
- SerialXpress Programmer Manual.pdf

You can read and print the manuals using the latest version of Acrobat Reader. If you do not have Adobe Acrobat Reader, download the latest version from www.adobe.com.

Minimum System Requirements

The following table lists the minimum PC requirements to run the SerialXpress application.:

Table 1: Minimum system requirements

Supported operating system	Windows 7 Professional
Minimum requirements	2.0 GHz or higher 1 GB RAM 2 GB free disk space 1024 x 768 display resolution with 120 dpi font size

Prerequisites

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

- Microsoft .NET version 4.0. The installer automatically installs .NET version 4.0 if it is not installed.
- MATLAB Compiler Runtime 7.17. The installer automatically installs MATLAB Compiler Runtime 7.17 if it is not installed.
- Microsoft Visual C++ 2010 x86 Redistributable. The installer automatically installs Microsoft Visual C++ 2010 x86 Redistributable, if it is not installed.

Optional Requirement

TekVISA version 4.0 and above is required to communicate with AWG70000A instruments and test instruments, such as oscilloscopes, and to transfer data. You can install TekVISA from the application CD Browser. You can also download the latest TekVISA at www.tektronix.com/software. To define the search criteria, use TEKVISA in the Keyword field.

Installation Procedure

1. From www.tektronix.com/software, locate SerialXpress.exe and download the file. Click SerialXpress.exe.
2. In the window that appears, select the path to unzip the contents of the self-extractor.
3. After extracting the contents, find SerialXpress.exe from the path and double-click it.
4. Follow the instructions given by the InstallShield wizard.

NOTE. *If TekVISA is not installed, the wizard prompts you to either install TekVISA or proceed with installing SerialXpress.*

5. When the installation is complete, click **Finish** to exit.
6. The DK2 DESkey Drivers 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** or by clicking the shortcut on the desktop.

You can display the online help by clicking **Start > All Programs > Tektronix SerialXpress > SerialXpress Help**. You can access all PDF documents by clicking **Start > All Programs > Tektronix SerialXpress > Documentation**.

Uninstalling the Software

You can uninstall the software in one of two ways:

1. By clicking **Start > All Programs > Tektronix SerialXpress > Uninstall SerialXpress**.
2. By selecting **Add/Remove Programs** in the Control panel.

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