

**RFXpress® RFX100**  
**Advanced RF/IF/IQ Waveform Creation and Editing Software**  
**for the AWG5000 & AWG7000 Series Signal Generators**  
**Installation Manual**



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**Tektronix**



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# Installing the Software

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

## Manuals on the CD-ROM

The following RFXpress documentation is provided on the RFXpress Application CD Browser:

- RFXpress Installation Manual.pdf
- RFXpress User Manual.pdf
- RFXpress Quick Start User Manual.pdf
- RFXpress Programmer Manual.pdf

You can read and print the manuals using Acrobat Reader Version 5.0. If you do not have Adobe Acrobat Reader installed on your system, install Acrobat Reader Version 9.0 from the CD Browser or from [www.adobe.com](http://www.adobe.com).

## Minimum System Requirements

RFXpress when installed on a personal computer runs in the offline mode. The following table lists the minimum system requirements for the offline mode of the RFXpress software:

**Table 1: Minimum system requirements**

<b>Supported OS</b>	Windows XP Professional Service Pack 2.1 Windows 7 Professional Windows Vista Business Edition (English Language)
<b>Minimum Requirements</b>	2.0 GHz or higher 512 MB RAM 15 GB free disk space Microsoft Internet Explorer 6.01 or higher .NET 2.0 runtime 1024 x 768 display resolution with 120 dpi font size

## Pre-requisites

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

- Microsoft .NET v2.0. The installer automatically installs .NET v2.0 if it is not present; or, you can install it from the CD Browser.
- MATLAB® Compiler Runtime 7.9. The installer automatically installs MATLAB® Compiler Runtime 7.9 if it is not present; or, you can install it from the application CD Browser.

### Optional Requirement

TekVISA v3.3.2.7 is required only to communicate with 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](http://www.tektronix.com/software). To define the search criteria, use TEKVISA in the Keyword field.

## Installation Procedure

1. Insert the RFXpress CD-ROM into the CD-ROM drive.
2. If the installation program does not automatically start, find launch.exe on the CD Browser and double-click it. The CD Browser opens.
3. View the manuals using Acrobat Reader (install Acrobat Reader from the CD Browser), or install the software.
4. To install the software, select Software Installation.
  - a. Select .NET Framework to install .NET v2.0. Ensure that .NET is installed before installing MATLAB.
  - b. Select MATLAB® Compiler Runtime 7.9 – InstallShield Wizard to install MATLAB® Compiler Runtime 7.9. This is a prerequisite for RFXpress to run.
  - c. Select TekVISA to install TekVISA. Installing TekVISA is optional. (See page 2, *Optional Requirement*.)
  - d. Select RFXpress to install the software. Follow the instructions given by the InstallShield wizard.

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

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5. Click **Finish** to exit.

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**NOTE.** *In Windows Vista, you must always run RFXpress with Administrator privileges. To do so, right-click either on the RFXpress desktop shortcut or on the RFXpress application from **Start > All Programs > Tektronix RFXpress**. Select **Run as Administrator** from the shortcut menu.*

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## Launching the Application and Online Help

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

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

## Uninstalling the Software

You can uninstall the software in one of two ways:

- By clicking **Start > All Programs > Tektronix RFXpress > Uninstall RFXpress**.
- By selecting **Add/Remove Programs** in the Control panel.