

NI 435x Getting Started Guide

This document provides information about setting up and using the National Instruments PXI/PCI-4351 and NI USB-4350 (the NI 435x hardware).



Note The term, *NI-435x*, refers to the instrument driver. In contrast, *NI 435x* or *NI PXI/PCI-4351 and NI USB-4350* refers to the hardware.

Using VI Logger with the NI 435x Hardware

The NI PXI/PCI-4351 and NI USB-4350 are Traditional NI-DAQ (Legacy) devices. For information about using VI Logger with the NI PXI/PCI-4351 and NI USB-4350, refer to the *Creating a Task in VI Logger* section of the *NI 435x User Manual* at **Start»Programs»National Instruments»NI-435x»Documentation»NI 435x User Manual** or at ni.com/manuals.

To use VI Logger to define and execute datalogging tasks for NI-DAQmx devices, refer to the *VI Logger User Guide* at ni.com/manuals.



Note To use VI Logger with the NI PXI/PCI-4351 and NI USB-4350, you must execute VI Logger product activation. Refer to the *Activation Instructions for National Instruments Software* document included with VI Logger or visit ni.com/license for more information.

Installing the Software



Note Install these software components before installing the NI PXI/PCI-4351 and NI USB-4350 devices so that Windows can detect the new devices.

The NI PXI/PCI-4351 and NI USB-4350 ship with two sets of software CDs, as follows:

- NI-435x instrument driver CDs
- VI Logger CD

The NI-435x instrument driver allows you to program the NI PXI/PCI-4351 and NI USB-4350 in NI LabVIEW, LabWindows™/CVI™, Microsoft Visual Basic, C, or C++.

VI Logger is a data logging application that allows you to create and execute a task, view live data, browse historical data, share data, and manage existing data without programming.

To install the NI-435x instrument driver and VI Logger, complete the following steps:

1. Insert the first NI-435x instrument driver CD.
2. Select **Install NI-435x** to begin the installation process.



Note Installation begins automatically. If it does not begin automatically, select **Start»Run**. Enter `x:\setup.exe`, where `x` is the letter of the CD drive.

3. Follow the installer prompts to complete the instrument driver installation.
4. The NI-435x installer prompts for the second NI-435x CD and for the VI Logger CD when they are needed. Insert each CD as it is requested.



Notes VI Logger is *not* required to program the NI PXI/PCI-4351 and NI USB-4350.

To use VI Logger with the NI PXI/PCI-4351 and NI USB-4350, you must execute VI Logger product activation. Refer to the *Activation Instructions for National Instruments Software* document included with VI Logger or visit ni.com/license for more information.

5. Click **Finish** when installation is complete.

Installing the Hardware

To install the NI PXI/PCI-4351 and NI USB-4350, refer to the *Installing the Hardware* section of the *NI 435x User Manual*.

Using the NI-435x Software and NI 435x Hardware

For more information about the NI-435x instrument driver, refer to the *Software Options for the NI 435x* section of the *NI 435x User Manual*.

For information about connecting signals to the NI PXI/PCI-4351 and NI USB-4350, refer to Chapter 2, *Operating the NI 435x Device*, in the *NI 435x User Manual*.

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