



# Quick Start Guide

## **1** Install the Application Software and Third Party Drivers

- Insert the Acquitek Data Acquisition Setup CD into your CD-ROM drive.
- Run Setup.exe from the root directory of the CD
- After the drivers are installed, remove the CD and reboot your computer.

## **2** Install the Acquitek Data Acquisition Hardware

- Turn off your computer and disconnect the power cord.
- Remove the computer cover.
- Locate a free PCI expansion slot.
- Carefully remove the card from its packaging.
- Press the card into the PCI expansion slot.
- Insure that the card is fully seated.
- Reinstall the computer cover.
- Reconnect the power cord.

Windows will detect the card. You will have to locate the driver (inf and sys files) under the Acquitek/driver path.

### 3 Configure the Data Acquisition Hardware

- Run Acqitek Control Center from the Acqitek program group on the Windows Start menu.
- The new data acquisition device should appear as a node in the LocalSystem | Hardware | Acqitek | PCI/PXI branch of the System tree. Click on the node.
- The serial number and logical device number will display in the Configuration pane. The logical device number is the tag that all application software uses to specify which hardware device will be used.
- To change the assigned device number, click on the configuration tab and select a new number using the device number edit control. Click the save button to make the change permanent.

### 4 Test the Data Acquisition Hardware

- If Acqitek Control Center is not still running, re-run the application from the Acqitek program group on the Windows Start menu and select the System tree node for the data acquisition device.
- Select the Test tab in the Configuration pane.
- The displayed test panels can be used to test all analog input channels and analog output channels as well as the digital IO lines. Connecting an analog output to an analog output, then turning on both panels can be used as a quick check to verify basic operation.

### 5 Run Application Software

- Installation and configuration of the Acqitek data acquisition hardware and software is now complete.
- You can run the included Acqitek Bench application software to use the device in a wide range of test and measurement tasks.
- Remember that all application software will refer to the data acquisition hardware using the logical number assigned by Acqitek Control Center.