

Getting Started Using LabVIEW with the LabQuest

The files in the compressed folder you downloaded should let you access the functions of your LabQuest using the graphical programming language LabVIEW from National Instruments. The files are compatible with both the LabQuest and the LabQuest Mini and can be installed on computers running either Windows or the Macintosh OS X.

INSTALLATION (Windows)

The installation of the necessary drivers and examples to connect your LabQuest with LabVIEW is straightforward.

1. If you are working on a Windows-based computer and have not installed Logger Pro 3.8 or later, go to <http://www.vernier.com/drivers/index.html> and download the appropriate driver installer and run it to install the LabQuest drivers.
2. Download the zipped folder “LQLV2009.zip” from <http://engineering.vernier.com/general/software/labview/>
3. Extract the zipped files to a convenient place on your computer.
4. Open the directory on your computer containing the LabVIEW 2009 program files.
5. Place the folder “LabQuest LabVIEW Examples” into the folder located at C:\Program Files\National Instruments\LabVIEW 2009\examples\Vernier
6. Place the folder “Vernier LabQuest” into the folder located at C:\Program Files\National Instruments\LabVIEW 2009\menus\Categories
7. Place the folder “LabQuest” into the folder located at C:\Program Files\National Instruments\LabVIEW 2009\vi.lib\Vernier
8. Open up LabVIEW and check that the Vernier LabQuest Palette shows up on the Functions Palette.
9. Connect your LabQuest, and sensors as appropriate, to your computer and open one of the Vernier LabQuest examples to get started. You will need to browse for the example inside the LabVIEW 2009 directory as the LabQuest examples are not yet integrated into LabVIEW’s example finder.

INSTALLATION (Mac OSX)

The installation of the necessary drivers and examples to connect your LabQuest with LabVIEW is straightforward.

1. Download the zipped folder “LQLV2009.zip” from <http://engineering.vernier.com/general/software/labview/>
2. Extract the zipped files to a convenient place on your computer.

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3. Open the directory on your computer containing the LabVIEW 2009 program files.
4. Place the folder “LabQuest LabVIEW Examples” into the folder located at
Macintosh HD/Applications/National Instruments/LabVIEW 2009/examples/Vernier.
5. Place the folder “Vernier LabQuest” into the folder located at
Macintosh HD/Applications/National Instruments/LabVIEW 2009/menus/Categories
6. Place the folder “LabQuest” into the folder located at
Macintosh HD/Applications/National Instruments/LabVIEW 2009/vi.lib/Vernier
7. Open up LabVIEW and check that the Vernier LabQuest Palette shows up on the Functions
Palette.
8. Connect your LabQuest, and sensors as appropriate, to your computer and open one of the
Vernier LabQuest examples to get started. You will need to browse for the example inside
the LabVIEW 2009 directory as the LabQuest examples are not yet integrated into
LabVIEW’s example finder.