



Quick Install Instructions

NOTE: Please check the README.TXT file on the product CD-ROM disk for updated instructions.

Before running the software you will need to install your data acquisition hardware. If you are using a DI-720 external box follow the 720 instructions. If you are still using a legacy 400 series please follow the instructions at the end of this document.

Hardware

DataQ DI-720 Series

1. Connect the power supply to the DI-720 as indicated in the Dataq Instruments DI-720 manual.
2. Connect the male end of the parallel port cable to the female connector on the computer.
3. Connect the female end of the parallel port cable to the male parallel port interface connector on the back of the DI-720.
4. Connect the data acquisition cable to the rear of the voltage clamp (or interface box) and to the *left* most DB37 connector on the front of the DI-720.
5. Turn the DI-720 power to “On” and observe that the LEDs light on the rear panel.

Software

Acquire & Analyze Installer

If you are using a DI-720 and connecting to the parallel port LPT1, you can skip the WinDaq software installation and go directly to the Acquire & Analyze installer. If you are not using LPT1 or are using a legacy (400) acquisition product, you must first run the WinDaq software installer and then come back to the A&A installer.

If you are doing the 720 with LPT1 on Windows XP, 2K, or 98:

1. Setup - Acquire and Analyze: Welcome ...
Click Next to continue.
2. Select DI-720 External DAQ and click on **Next**.
3. Select Destination Location
Unless you need to change this location for some reason, select the default "C:\Program Files\Acquire23X" and press Next.
4. Select Start Menu Folder
Unless you need to change this name for some reason, select the default "Acquire and Analyze 2.3" and press Next.
5. Select Additional Tasks
You may create a desktop icon or quick launch button here if you would like.
6. Ready to Install
Press Install.
7. Zeeman parallel port drivers (XP and 2K only)
A small message box will now appear that requests you to install the parallel port drivers. Select the install drivers on boot checkbox to be checked, and press Install.
8. Completing ...
You may start the program now if you wish. If not unselect the check box. Click Finish when you are ready.

After you have run the program installer you will need to run the license unlock installer. This is included with all versions starting at the A+ build version # 2.3.114. To run this installer, run the program called "F:\Acquire23XUnlock.exe" (where F is your CD-ROM drive). Accept all defaults and click finish. This will unlock the software so that it can run in data acquisition mode. This should complete the installation successfully. If it did not for some reason, first try again following the instructions

closely, and if it still does not work, you may need to install the full driver set. Please contact our support staff with questions.

If the software is running you should be done now and can ignore the rest of this document. We suggest running through the user manual, which provides a sample data acquisition and analysis procedure and an application menu reference guide.

WinDaq / Lite Software

If you need to install the WinDaq drivers with the 720 box here's how:

1. Place the CD found in the blue notebook into the CD drive. If the setup routine doesn't start automatically, run Setup.exe from the CD.
2. The following lists the screen responses for the WinDaq Resource CD dated May, 2004.
3. Option 1- Install Software
4. Option 3 - Install Software for all other products
5. Option 1 - WinDaq/Lite, WWB, and Software Development Kit
6. Option 7 - DI-720/740/730 HV Portable Instruments
7. Option 1 - Parallel Port (Printer Port)
8. OK
9. Enter Name and Company
10. Accept License Agreement
11. Set Directory (default works fine)
12. Backup copies (your choice)
13. Option 4 - DI-720/740/722/DI-5001 Portable Unit
14. Option 1 - LPT1 (if that is your only printer port)
15. Group Name (default works)
16. Yes – Other Users
17. Backup copies – your choice
18. Active X - OK
19. Advanced CODAS – NO
20. OK
21. Restart your computer to ensure all system DLL's are installed properly.

Hardware

DataQ DI-400 Series

1. Set the base address as per the blue notebook or leave in the default setting
2. Install the board into an empty ISA slot inside the computer.
3. Connect the data acquisition cable to the rear of the voltage clamp (or interface box) and to the DB37 connector on the DI-400 at the rear of the computer.

Software

If are using the default base address of 180, you may follow the above instructions for installing the 400 board with 98 or 2K. If this does not work for some reason, you may need to install the full CD-ROM driver set as follows:

WinDaq / Lite

First, the WinDaq/lite software from Dataq Instruments should be installed.

1. Place the CD found in the blue notebook into the CD drive. If the setup routine doesn't start automatically, run Setup.exe from the CD.
2. The following lists the screen responses for the WinDaq Resource CD dated May, 2004.
3. Option 1- Install Software
4. Option 3 - Install Software for all other products
5. Option 1 - WinDaq/Lite, WWB, and Software Development Kit
6. Option 4 – DI-4xx Series Plug-in Cards
7. OK
8. Accept License Agreement
9. Enter Name and Company
10. YES
11. Set Directory (default works fine)
12. Backup copies (your choice)
13. Option 1 – DI-400/401 Plug-In Card
14. Setup Bluewater Driver – YES
15. Option 1 – 180 (or other address determined to be available)
16. Record Hex address – OK
17. Program Manager Use (accept default)
18. Yes – Other Users
19. Backup copies – your choice
20. Active X - OK
21. Advanced CODAS – NO
22. OK