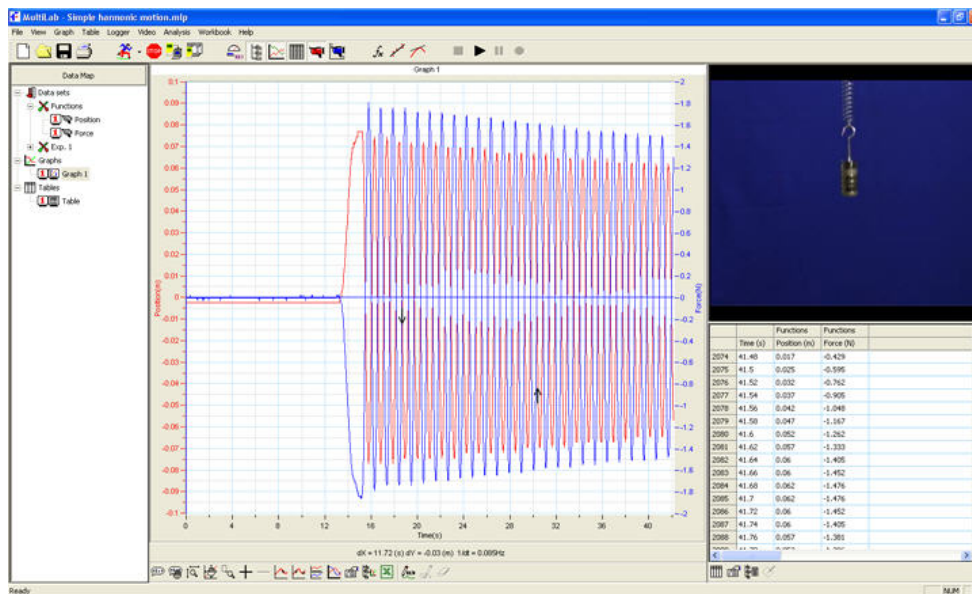


# MultiLab Installation Guide

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## System Requirements

To work with MultiLab, your system should be equipped with the following:

### MultiLab for PC

#### Software

- Windows 98, ME, 2000, XP or Vista

**Note:** USB Link is only supported by MultiLab running on Windows XP or Vista

- Internet Explorer 5.0 or later

#### Hardware

- Pentium II 600 MHz or higher (Pentium 4, 1.6 GHz or higher is needed for video motion analysis recordings)
- 32 MB RAM (64 MB recommended)
- 10 MB available disk space for the MultiLab application (50 MB to install the supporting applications)
- Available serial or USB port
- To operate the video window your system should be equipped with a video camera, an available USB port and a compatible camera driver (installation includes camera driver for the Web camera model available for purchase from Fourier Systems)
- To be able to record and play voice comments your system should be equipped with a sound card, a microphone and a speaker (the camera supplied by Fourier includes a built-in microphone)

## MultiLab for PC Installation



**Warning:** Do not connect the Fourier supplied Web camera to your PC before you install the MultiLab software



**Note to Windows users:** MultiLab needs to modify its folder when running. Ask your system administrator for permission to gain access to all files in the MultiLab folder.

Instructions for installing and uninstalling MultiLab on your PC are provided below. Once the software is installed, if you are running a Fourier data logger where USB connection is required, you will need to install a USB driver so that the logger will be detected by the PC. Refer to the relevant sections on installing the USB driver.

### Installing MultiLab on Windows XP

1. Close all open programs.
2. Insert the CD labeled **MultiLab** into your PC's CD-ROM drive.
3. The MultiLab Installation application will launch.
4. From the main menu, click **Installing MultiLab Software**.
5. You will now have two choices:
  - a. Perform a **Full Software Installation** – together with MultiLab, installs all necessary drivers and software for running MultiLab.
  - b. Perform a **MultiLab Only Installation** – installs the MultiLab application only, without installing all related drivers and software.

### Performing Full Software Installation

1. Click **Full Software Installation** from the menu.
2. The Install Wizard will open. Click **Next** to continue the installation.
3. Select the option for agreeing to the terms of the MultiLab license agreement. Click **Next**.
4. Enter user name and company name in the Customer Information window.
5. Select the option regarding for which user the application should be installed. Click **Next**.
6. The default folder where MultiLab will be installed is C:\Program Files\Fourier Systems\MultiLab\. Click **Browse** to change this folder location, or click **Next**.
7. The default folder where the MultiLab data files will be stored is C:\Program Files\Fourier Systems\MultiLab\. Click **Browse** to change this folder location, or click **Next**.
8. MultiLab installation will proceed, followed by installation of associated Web cam drivers, Windows Encoders and Quicktime ®.
9. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.

### Performing MultiLab Only Installation

1. Click **MultiLab Only Installation** from the menu.
2. The **Install Wizard** will open. Proceed with the installation as described above for the Full Software Installation. However, only the MultiLab software will be installed.



3. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.

**Note:** If you are reinstalling MultiLab after removing an older version, the camera driver is already installed on your system. In this case, the Install Wizard may prompt you to confirm the removal of the driver. Click **Cancel** to keep the camera driver on your system.

**Note:** When you plug in the supplied Web camera for the first time, Windows will automatically detect the new device and open the **Found New Hardware Wizard**. Follow the on-screen instructions. When prompted, select the **Install software automatically** option (there is no need to insert the installation CD). Windows will automatically detect and install the necessary software

### Installing MultiLab on Vista Business

1. Close all open programs.
2. Insert the CD labeled **MultiLab** into your PC's CD-ROM drive.
3. The MultiLab Installation application will launch.
4. From the main menu, click **Installing MultiLab Software**.
5. You will now have two choices:
  - a. Perform a **Full Software Installation** – together with MultiLab, installs all necessary drivers and software for running MultiLab.
  - b. Perform a **MultiLab Only Installation** – installs the MultiLab application only, without installing all related drivers and software.

### Performing Full Software Installation

1. Click **Full Software Installation** from the menu.
2. The Install Wizard will open. Click **Next** to continue the installation.
3. Select the option for agreeing to the terms of the MultiLab license agreement. Click **Next**.
4. Enter user name and company name in the Customer Information window.
5. Select the option regarding for which user the application should be installed. Click **Next**.
6. The default folder where MultiLab will be installed is C:\Program Files\Fourier Systems\MultiLab\. Click **Browse** to change this folder location, or click **Next**.
7. The default folder where the MultiLab data files will be stored is C:\Program Files\Fourier Systems\MultiLab\. Click **Browse** to change this folder location, or click **Next**.
8. MultiLab installation will proceed, followed by installation of Windows Encoders and Quicktime ®.
9. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.

### Performing MultiLab Only Installation

1. Click **MultiLab Only Installation** from the menu.
2. The **Install Wizard** will open. Proceed with the installation as described above for the Full Software Installation. However, only the MultiLab software will be installed.
3. When installation is complete the Install Wizard prompts you to restart the computer. It is recommended to restart the computer now.

**Note:** Web cams provided by Fourier Systems are not supported by Windows Vista.

## Installing USB Driver for MultiLogPRO and TriLink

### On pre-Windows XP systems

1. Insert the MultiLab installation CD into your CD drive.
2. Connect your data logger to a USB port on your PC and turn the data logger on. Windows will automatically detect the new device and open the **Found New Hardware Wizard**.
3. Select **Specify the location of the driver**, and then click **Next**.
4. Select **Search for the best driver for your device**, then check the **Removable Media** checkbox, and then click **Next**. Windows will automatically detect and copy the necessary files to your system.
5. Click **Finish**. Windows will open the **Found New Hardware Wizard** for the second time.
6. Click **Next** to complete the installation. Windows will automatically install the necessary components on your system.
7. Click **Finish**.

### On Windows XP

1. Connect your data logger to a USB port on your PC and turn the data logger on. Windows will automatically detect the new device and open the **Found New Hardware Wizard**.
2. Select the **No, not this time** to prevent Windows from searching for software on the Internet, then click **Next**.
3. Select the option **Install from a list or specific location** and click **Next**.
4. Select the option to search manually for the driver, and select the checkbox **Include this location in the search**. Browse to the location of the USB driver, either on your MultiLab CD or on your PC hard disk. The name of the driver folder is: **Logger USB Driver**, and it resides in the **Drivers** folder in the MultiLab setup directory.
5. Once you have located the driver folder, click **Next**. The driver will be installed on the PC.
6. Click **Finish**. Windows will open the **Found New Hardware Wizard** for the second time.
7. Click **Next** to complete the installation. Windows will automatically install the necessary components on your system.
8. Click **Finish**. The logger is ready to use and will now be detected by the PC.

### On Windows Vista Business

1. Connect your data logger to a USB port on your PC and turn the data logger on.
2. Windows will not automatically detect the new hardware. From the **Start** menu, select **Computer**, and then click **System Properties** in the upper menu bar. In the **System** window, select **Device Manager** from the **Task** list on the left of the window.
3. In the Device Manager, locate the **Other devices** tree and right click on the **USB Serial Port** item. Select the **Update Driver Software** menu item.
4. Select the **Browse my computer for driver software**, and click **Next**.
5. Browse to the location of the USB driver, either on your MultiLab CD or on your PC hard disk. The name of the driver folder is: **Logger USB Driver**, and it resides in the **Drivers** folder in the MultiLab setup directory.

6. Once you have located the driver folder, click **Next**. The driver will be installed on the PC.
7. Click **Close** once the driver has been successfully installed. The logger is ready to use and will now be detected by the PC.

## Installing USB Driver for USB Link

**Note:** USB driver for USB Link is only supported by Windows XP and Vista OS

### On Windows XP

1. Connect the mini USB cable to your USB Link and connect the cable to a USB port on your PC. Windows will automatically detect the new device and open the **Found New Hardware Wizard**.
2. Select the option **No, not this time** to prevent Windows from searching for software on the Internet, then click **Next**.
3. Select the option **Install from a list or specific location** and click **Next**.
4. Select the option to search manually for the driver, and select the checkbox **Include this location in the search**. Browse to the location of the USB Link USB driver, either on your MultiLab CD or on your PC hard disk. The name of the driver folder is: **USBLink Driver**, and it resides in the **Drivers** folder in the MultiLab setup directory.
5. Once you have located the driver folder, click **Next**. The driver will be installed on the PC. You may be asked to verify the author of the driver software. Choose the option to authorize and install the driver.
6. Click **Finish** once the driver has been successfully installed. The USB Link is now ready to use. When the device is detected by the PC the USB Link LED will indicate.

### On Windows Vista Business

1. Connect the mini USB cable to your USB Link and connect the cable to a USB port on your PC.
2. Windows will not automatically detect the new hardware. From the **Start** menu, select **Computer**, and then click **System Properties** in the upper menu bar. In the **System** window, select **Device Manager** from the **Task** list on the left of the window.
3. In the Device Manager, locate the **Other devices** tree and right click on the **USB Link** item. Select the **Update Driver Software** menu item.
4. Select the **Browse my computer for driver software**, and click **Next**.
5. Browse to the location of the USB Link USB driver, either on your MultiLab CD or on your PC hard disk. The name of the driver folder is: **USBLink Driver**, and it resides in the **Drivers** folder in the MultiLab setup directory.
6. Once you have located the driver folder, click **Next**. The driver will be installed on the PC. You may be asked to verify the author of the driver software. Choose the option to authorize and install the driver.
7. Click **Close** once the driver has been successfully installed. The USB Link is now ready to use. When the device is detected by the PC the USB Link LED will indicate.

## Uninstalling MultiLab

**Note:** Uninstalling MultiLab removes program files only. Project files and worksheets you created or modified in MultiLab will remain on your system and there is no need to create backups.

### To uninstall the software on Windows XP:

1. From the **Start** menu select **Settings** then click **Control Panel**.
2. Double click **Add or Remove Programs**.
3. Select **MultiLab** from the list of programs.
4. Click **Remove**.
5. In the following dialog box, click **Yes** to confirm that you want to remove MultiLab.
6. When uninstall is complete you will be prompted to restart the computer. Select **Yes**.

### To uninstall the software on Windows Vista Business:

1. From the **Start** menu select **Control Panel**.
2. Select **Programs > Uninstall a program**.
3. Select **MultiLab** from the list of programs and click **Uninstall** from the top of the window.
4. In the following dialog box, click **Yes** to confirm that you want to remove MultiLab.

## Installing MultiLab on other Platforms

### Palm Installation

#### System Requirements

To work with MultiLab for Palm, your Palm Handheld device should be equipped with the following:

- Approximately 700k of memory
- Palm OS ® 4 or later
- Bluetooth wireless technology

#### Installation

1. Close all open programs.
2. Insert the MultiLab CD into your PC's CD-ROM drive. The MultiLab Installation application will launch.
3. From the main menu, click **Installing MultiLab Software**, then **MultiLab for Palm Installation** and then **Install MultiLab**.
4. Follow the on-screen instructions to install the **MultiLab for Palm** application and conduit onto your desktop computer.
5. Perform a **HotSync** operation to install the **MultiLab for Palm** application onto your Palm powered device.

### PocketPC Installation

#### System Requirements

To work with MultiLab for Pocket PC, you should be equipped with

- PocketPC 2003 or Windows Mobile 5
- Bluetooth wireless technology

#### Installation

1. Close all open programs.
2. Insert the MultiLab CD into your PC's CD-ROM drive. The MultiLab Installation application will launch.
3. From the main menu, click **Installing MultiLab Software**, then **MultiLab for PocketPC Installation**. You should then select either the **PocketPC 2003** or **Windows Mobile 5** installation options.
4. The relevant installation wizard will run. Follow the on-screen instructions. MultiLab will be installed onto your handheld device upon next connection to the PC.

### TI-83 Calculator Installation

To send the MultiLab application to your TI-83 Plus calculator:

1. Connect the TI calculator to a computer.
2. Insert the MultiLab CD into your PC's CD-ROM drive. The MultiLab Installation application will launch.
3. From the main menu, click **Installing MultiLab Software**, then **MultiLab for TI83+ Installation**. In the next menu, click **MultiLab for TI83+ Installation** and the application file folder will open.
4. Run the **TI Connect** program on your computer.
5. Follow **Sending application to a TI-83 Plus** instructions.
6. When asked to select the application you want to install, select the multilab.8xk file located in the application folder launched from the MultiLab CD Installation wizard.