



Software and Hardware Installation Manual

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MINIMUM PC COMPUTER REQUIREMENTS

BrainMaster 3.0 Software or Discovery 1.0 Software with up to 4-Channel LZT*

CPU:	Dual-Core 2.2GHz Processor
Operating System:	Windows XP, Windows Vista, Windows 7, Windows 8 Professional with Media Center Pack Ad On
Memory (RAM):	Windows XP - 1GB (Minimum) 2GB (Recommended) Windows Vista - 2GB (Minimum) 4GB (Recommended) Windows 7 - 2GB (Minimum) 4GB (Recommended) Windows 8 - 2GB (Minimum) 4GB (Recommended)
Graphics Card:	512MB Dedicated OR 1GB Shared Graphics
Optical Drives:	DVD-ROM Drive: Required for BMrDVD
Input:	1 USB Port
Additional SW:	Microsoft Office: Required for Certain reports and EEGAudio Windows Media Player or 3rd Party DVD Decoder: Required for BMrDVD Adobe Acrobat Reader Adobe Flash Player: Required for BMrFlash Player Adobe Shockwave Player: Required for BMrFlash Player

Discovery 1.0 Software with BMrMMP** and up to 19-Channel LZT*

CPU:	Quad-core or above
Operating System:	Windows Vista, Windows 7, Windows 8 Professional with Media Center Pack Add-On
Memory (RAM):	4GB
Graphics Card:	Direct x 10 or above compatible graphics card 1GB Dedicated
Optical Drives:	DVD-ROM Drive: Required for BMrDVD**
Input:	1 USB Port
Additional SW:	Microsoft Office: Required for certain reports and EEGAudio** Windows Media Player or 3rd Party DVD Decoder: Required for BMrDVD** Adobe Acrobat Reader Adobe Flash Player: Required for BMrFlash Player Adobe Shockwave Player: Required for BMrFlash Player

BrainAvatar™ 4.0 Software

CPU:	Quad-core or above
Operating System:	Windows Vista, Windows 7, Windows 8 Professional with Media Center Pack Add-On
Memory (RAM):	4GB
Graphics Card:	Direct x 10 or above compatible graphics card 1GB Dedicated
Optical Drives:	DVD-ROM Drive: Required for BMrDVD**
Input:	1 USB Port
Additional SW:	Microsoft Office: Required for certain reports and EEGAudio** Windows Media Player or 3rd Party DVD Decoder: Required for BMrDVD** Adobe Acrobat Reader Adobe Flash Player: Required for BMrFlash Player Adobe Shockwave Player: Required for BMrFlash Player

*Live Z-Score Training is an optional purchase

**BMrMMP is an optional purchase

Main Software

Where to find it

BrainMaster software can be found in two different locations:

1. The BrainMaster Installation Disc* included with your BrainMaster Hardware



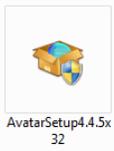
2. Online at www.brainm.com/



There are two different versions of the software. One version that can be installed on 32-Bit versions of the Windows operating system. One version that can be installed on 64-Bit versions of the Windows operating system.

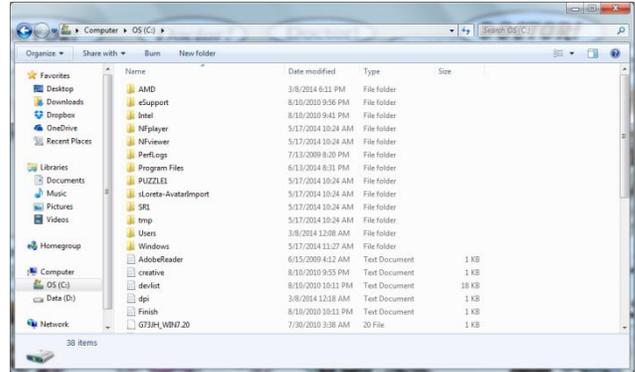
*This disc is supplied when initially purchased, and is also available for purchase.

Which version of software should be installed

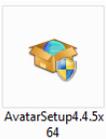


NameOfSoftwarex32: This software is intended to only be installed on versions of Windows that are 32-Bit

How to tell your version of Windows is 32-Bit:
If your version of Windows is 32-Bit, then on the C Drive, you will have a single directory labelled Program Files

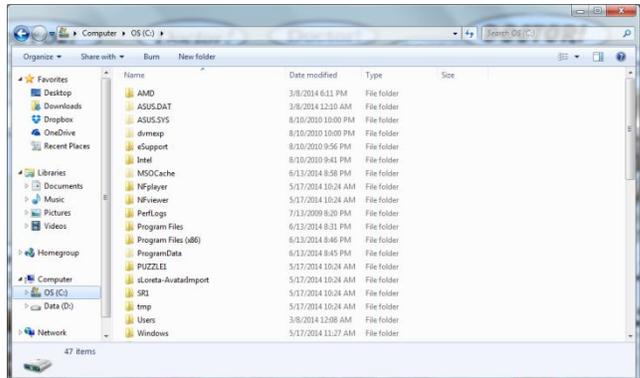


If an attempt is made to install NameOfSoftwarex32 on a 64-Bit version of windows, you will see the following error message.



NameOfSoftwarex64: This software is intended to only be installed on versions of Windows that are 64-Bit

How to tell your version of Windows is 64-Bit:
If your version of Windows is 64-Bit, then on the C Drive, you will have two directories. One labelled Program Files and one labelled Program Files (x86).

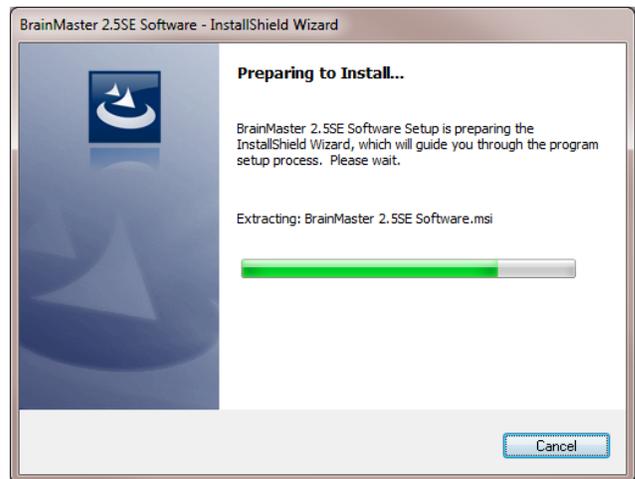


If an attempt is made to install NameOfSoftwarex64 on a 32-Bit version of windows, you will see the following error message.

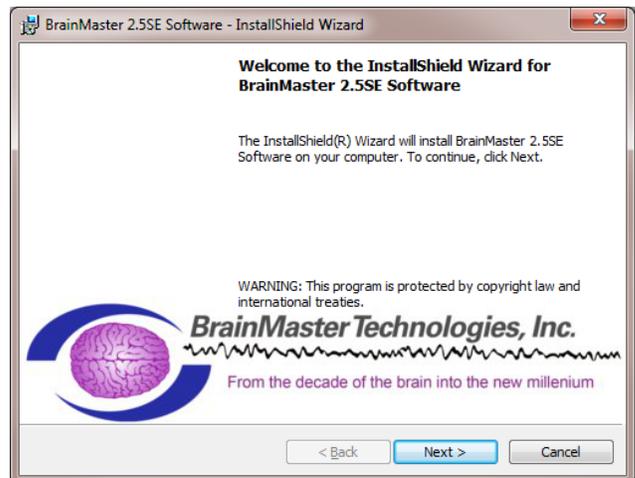


Installation Process

1. After beginning the software installation, an extraction screen will appear. No action is needed, but this process will take a few minutes, depending on your computer.



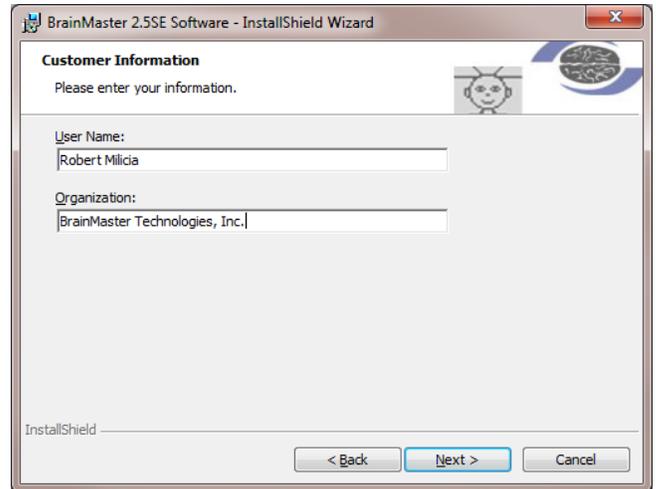
2. When this is completed, the InstallShield Wizard screen will appear. Click "Next" to continue.



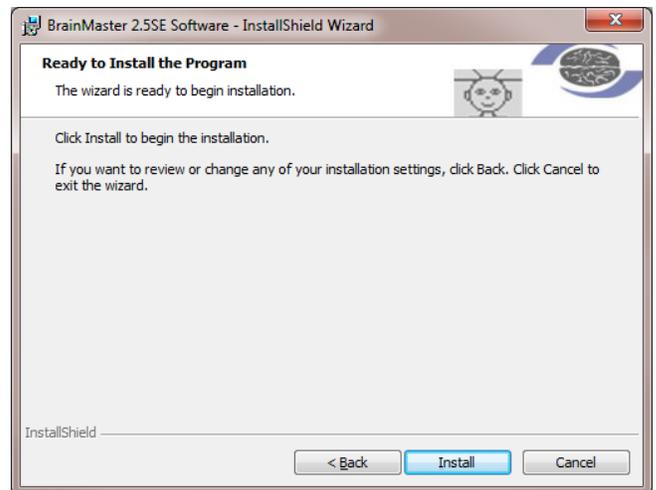
3. In order to continue through the installation process, the license agreement will need to be accepted. Do this by clicking "I accept the terms in the license agreement," then click "Next" to continue.



4. Please enter your User Name and Organization (if any), and click “Next” to continue.



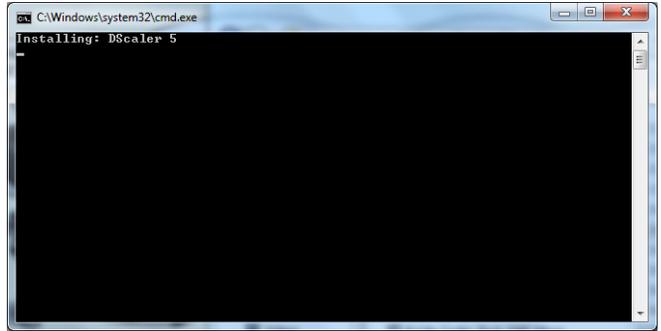
5. When the following screen appears, click Install to continue.



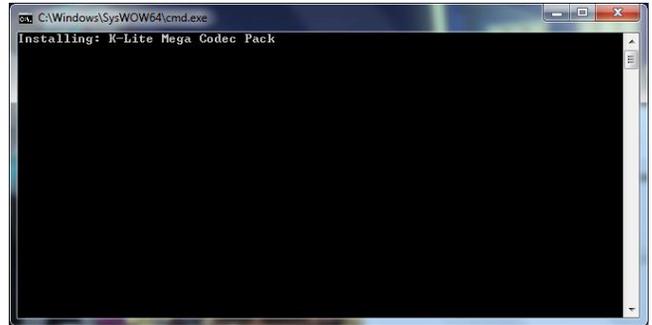
6. The BrainMaster Installation will begin. Before this completes, additional installers will begin to install.



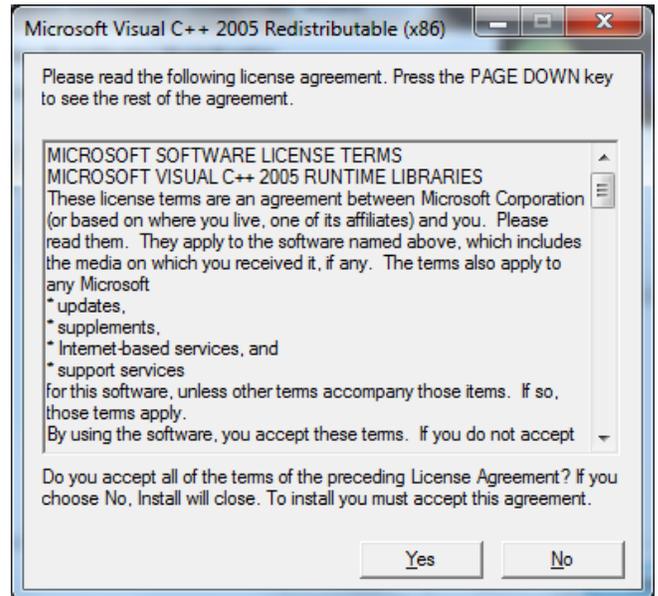
7. A command prompt screen stating that it is installing DScaler 5 will appear. Nothing is needed from you. It will complete on its own, and may take a few minutes depending on your computer.



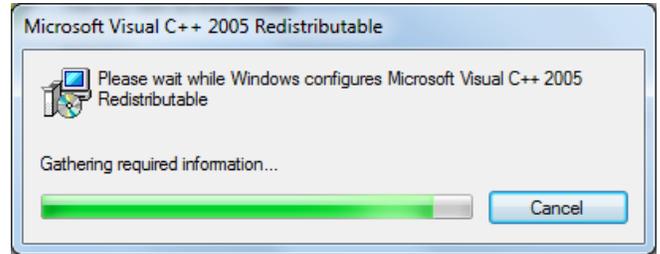
8. A command prompt screen stating that it is installing the K-Lite Mega Codec pack will appear. Nothing is needed from you. It will complete on its own, and may take a few minutes depending on your computer.



9. **PLEASE NOTE:** If you are installing any software besides the BrainAvatar Software, please proceed to step 15. If you are installing the BrainAvatar Software, a License Agreement will appear for the Visual Studios C++ 2005 Redistributable Pack that needs to be accepted in order to continue. Do this by clicking on the Yes button to continue.



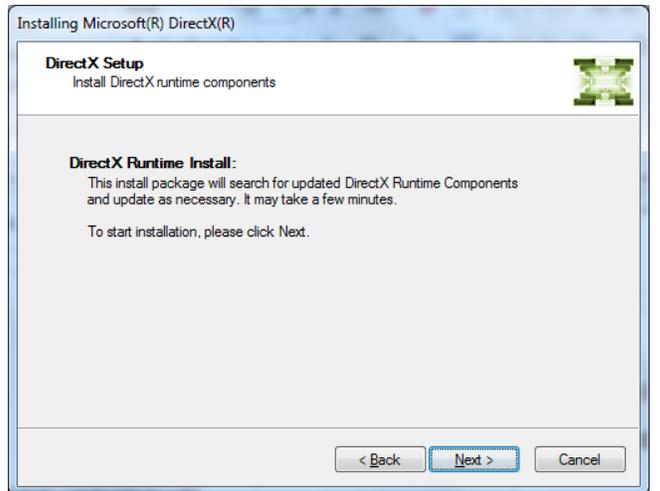
10. The redistributable will begin. This process may take several minutes to complete.



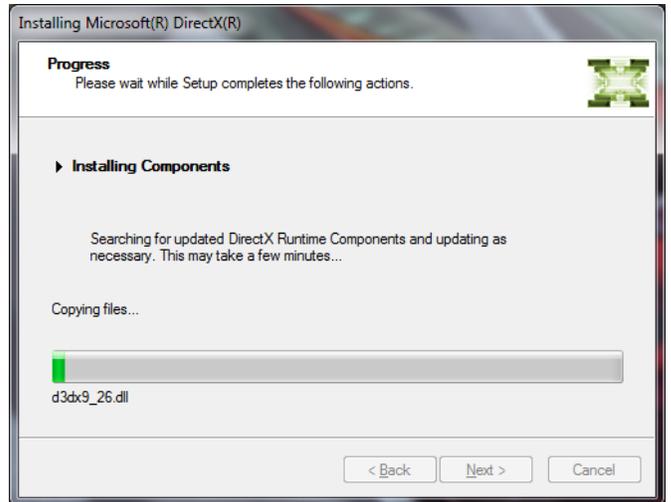
11. If you are installing the BrainAvatar Software, a license agreement will appear for the DirectX installer that needs to be accepted in order to continue. Click on the button next to I accept the agreement, then clicking next to continue.



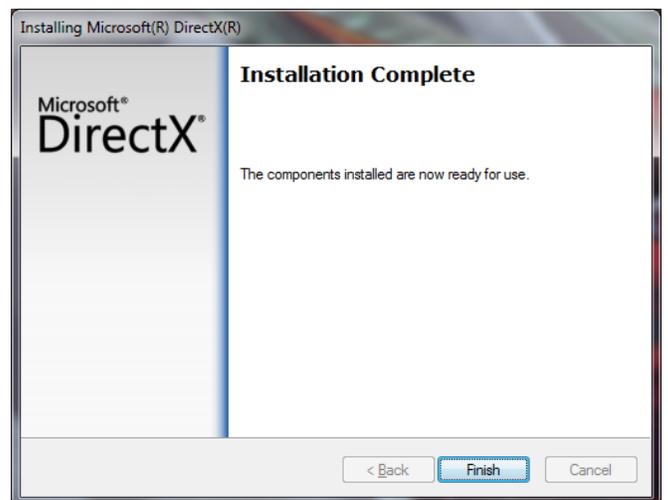
12. A screen will open that you will need to confirm the installation of the DirectX Runtime components. Click Next to continue.



13. The DirectX Installation will begin. This process may take several minutes to complete



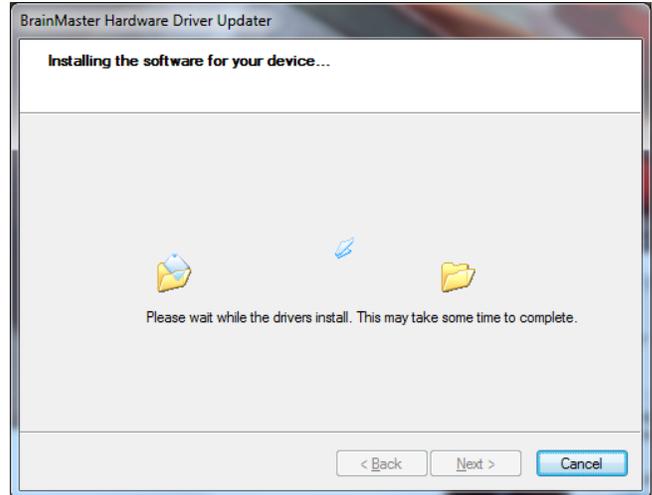
14. The following screen will appear to confirm that the DirectX Installer has completed installation. Click "Finish" to continue.



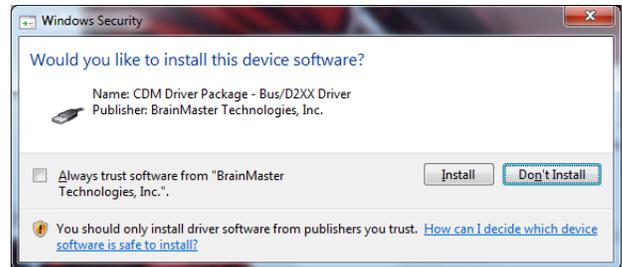
15. A BrainMaster Hardware Device Installation menu will open. Click next to continue.



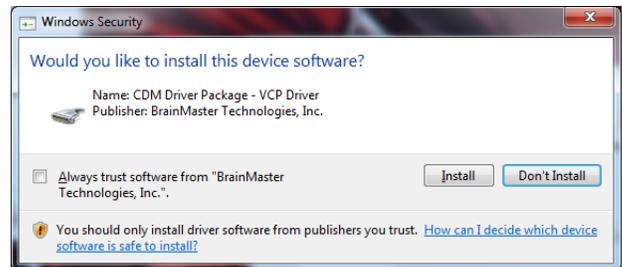
16. The Hardware Driver installation will begin. While this is completing, additional screens will pop up that require input from you.



A. The following Windows Security Window will appear asking if you would like to install the USB Drivers for the BrainMaster Hardware. To avoid seeing an additional screen, click the always trust software from "BrainMaster Technologies, Inc.". Then, click the Install Button.



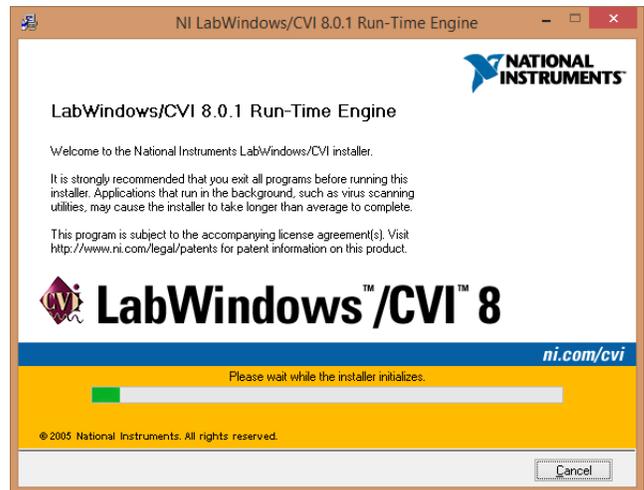
B. If you did not click on the box above, another Windows Security Windows Window will appear asking you would like to install the VCP for the BrainMaster Hardware. Click the Install Button to continue.



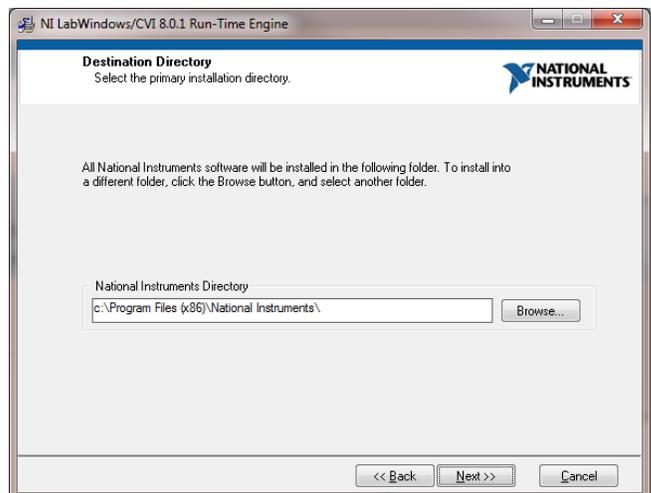
17. The following screen will appear confirming the installation of the two drivers. Click Finish to continue. **PLEASE NOTE:** In order to finalize the installation of the Hardware, the BrainMaster Hardware will need to be plugged into the computer. Once this is completed, Windows will assign a COM Port for the BrainMaster Hardware. For more information on the Changing and Identifying a COM Port, please see the Hardware Section.



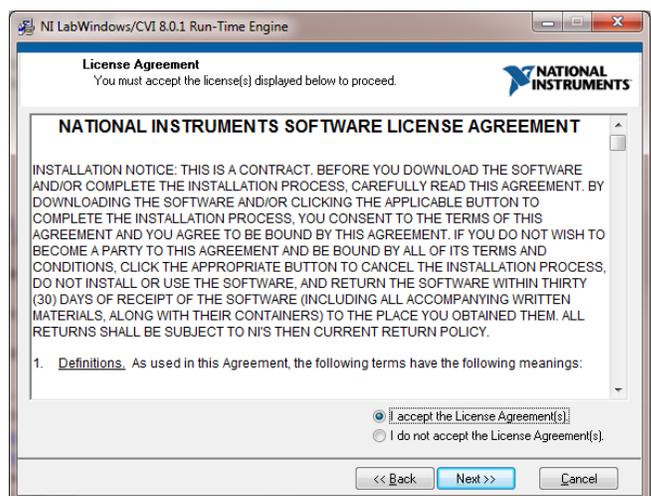
18. The CVIRT Installer will begin to initialize. When it has initialized, it will go to the next screen on its own.



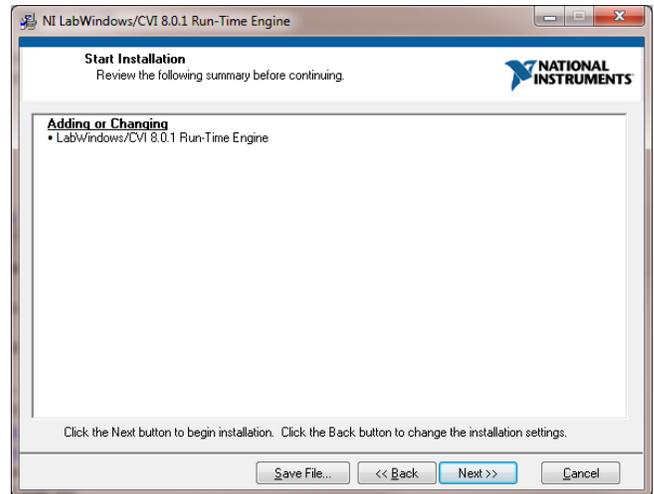
19. When the CVIRT installer begins, it will ask where you would like to install the files. **DO NOT CHANGE THIS!** In order for proper function, it must install into the directory it has selected. Click Next to Continue.



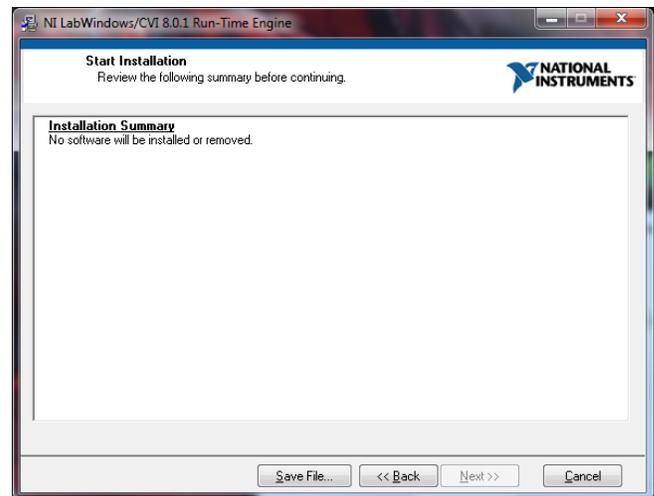
20. In order to continue through the installation process, the license agreement will need to be accepted. Do this by clicking “I accept the terms in the license agreement,” then click “Next” to continue.



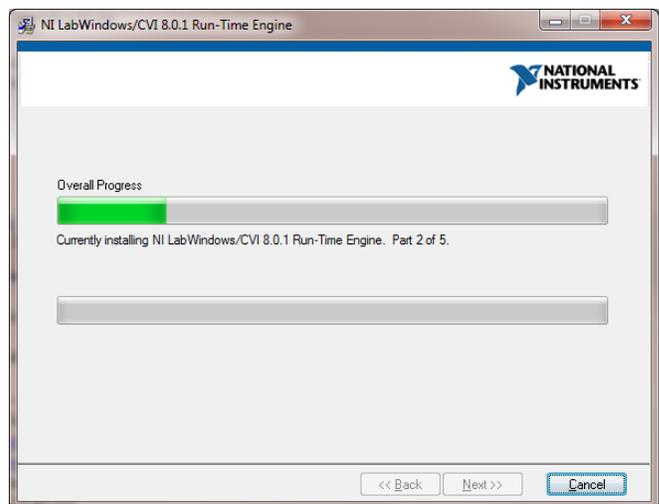
21. The following screen will let you know what will be installed. When ready, click Next to continue.



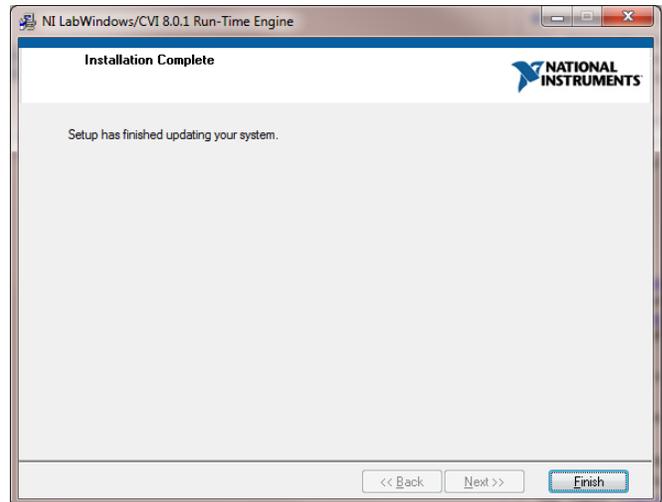
PLEASE NOTE: If you have already installed the CVIRT, then the following message stating that no software will be installed. Click the Cancel Button, and proceed to step 25.



22. The CVIRT installation process will begin. Nothing is required for you to do. This process may take several minutes to complete.



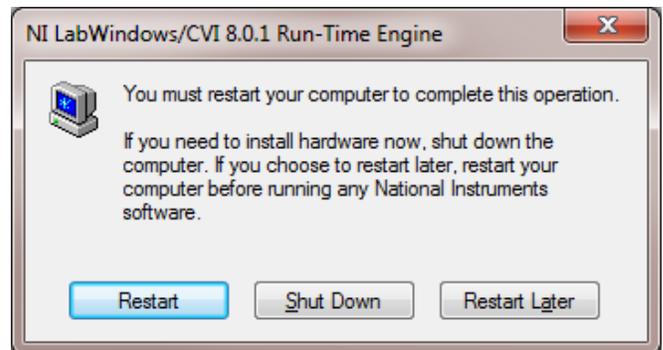
23. When this is completed, the following screen will appear. Click “Finish” to continue.



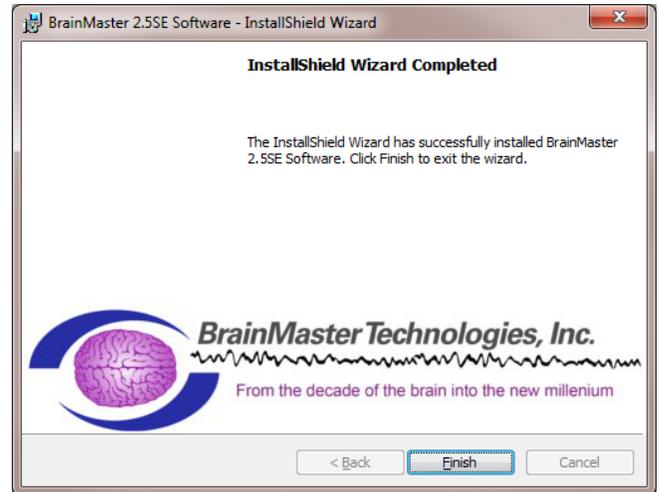
PLEASE NOTE: Before being able to click finish, the following window might appear. There are no issues with this message. Click OK to continue.



24. The following message will appear stating that you will need to restart in order to complete the installation. Click Restart Later to continue.



25. The following screen will appear to confirm that the the selected BrainMaster Software has been successfully installed. Click Finish to Continue.



The BrainMaster Software is now installed on your PC. You will be able to see that this is successful by the shortcut newly created on the Desktop. At this time, it is recommended to restart your PC.



BrainMaster Software and Hardware Installation Manual

Add-On Software

Where to find it

BrainMaster Add-On software can be found in two different locations:

3. The BrainMaster Installation Disc* included with your BrainMaster Hardware



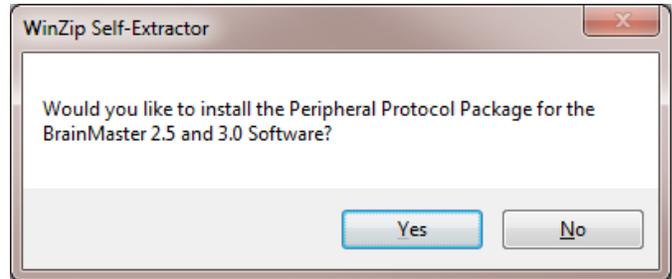
4. Online at www.brainm.com/



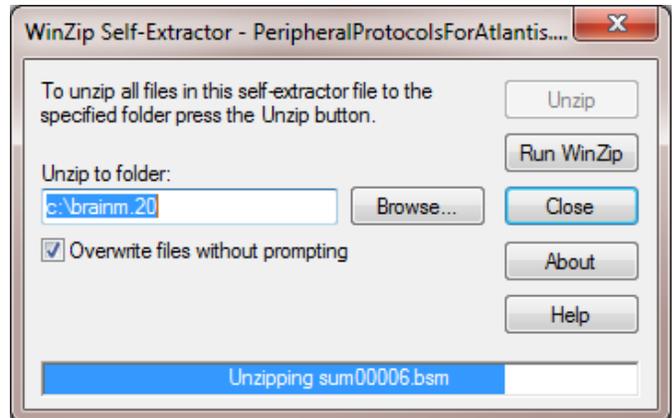
*This disc is supplied when initially purchased, and is also available for purchase.

Installation Process

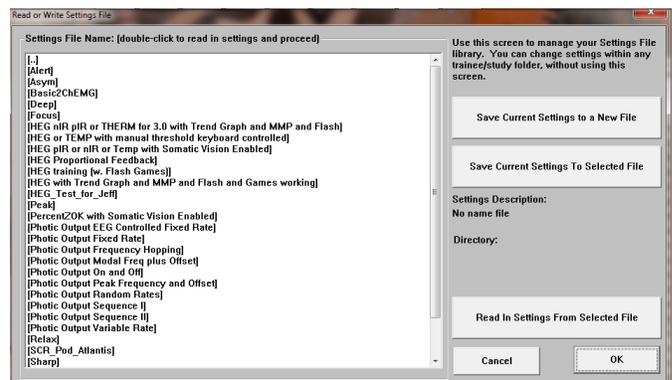
1. After beginning the software installation, an extraction screen will appear. Click yes to continue the installation.



2. The following pop-up will appear. No action is required. When completed, the screen will close on its own.

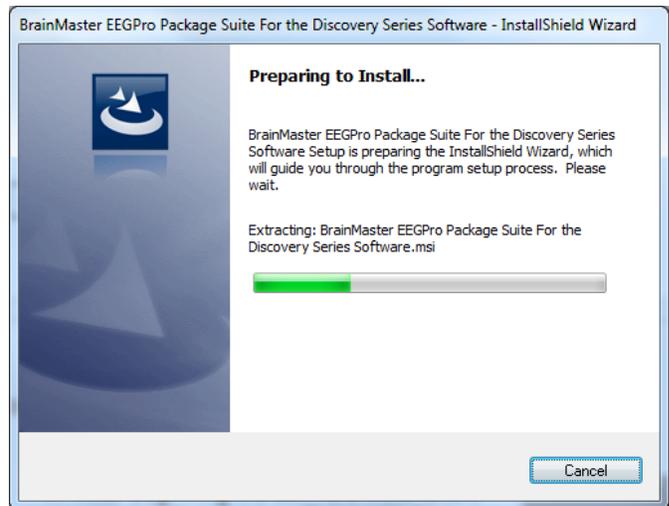


The BrainMaster Protocol Package will now be available for use for the selected BrainMaster Software. You will be able to see that this is successful by viewing the Settings in the Read or Write Settings Files.

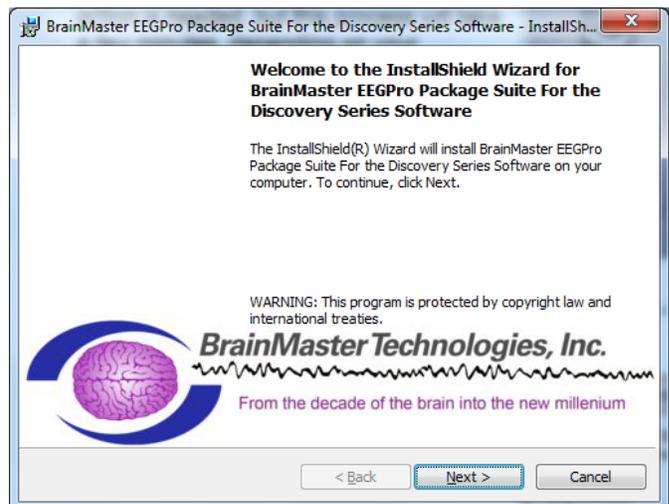


BrainMaster Add-on Package Installation Guide

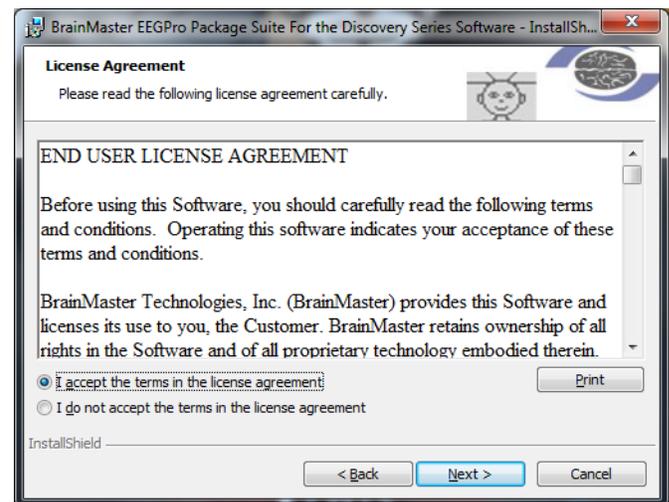
1. After beginning the software installation, an extraction screen will appear. No action is needed, but this process will take a few minutes, depending on your computer.



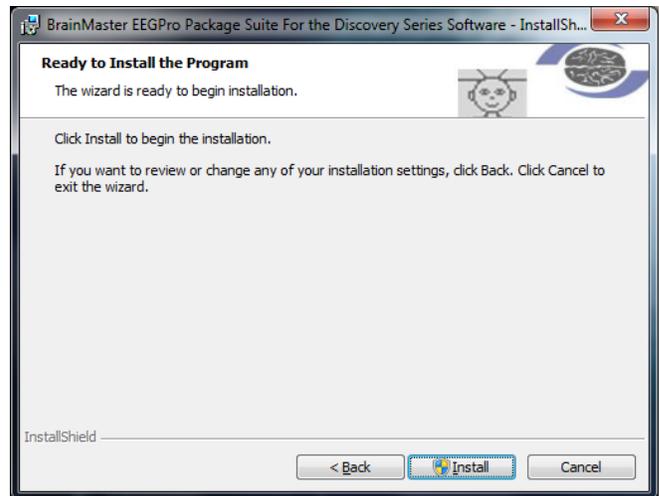
2. When this is completed, the InstallShield Wizard screen will appear. Click "Next" to continue.



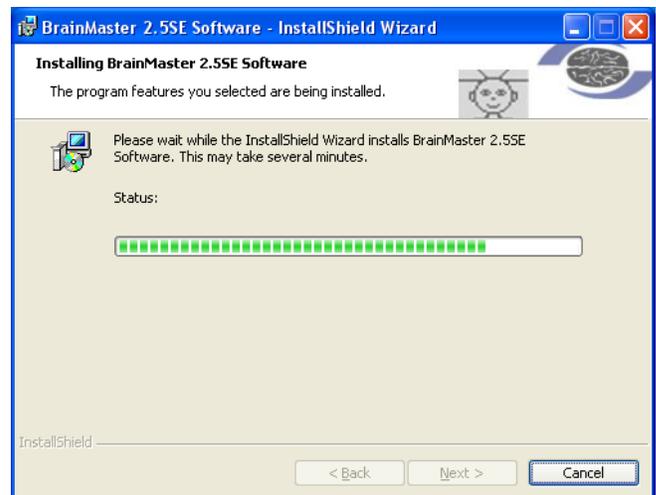
3. In order to continue through the installation process, the license agreement will need to be accepted. Do this by clicking "I accept the terms in the license agreement," then click "Next" to continue.



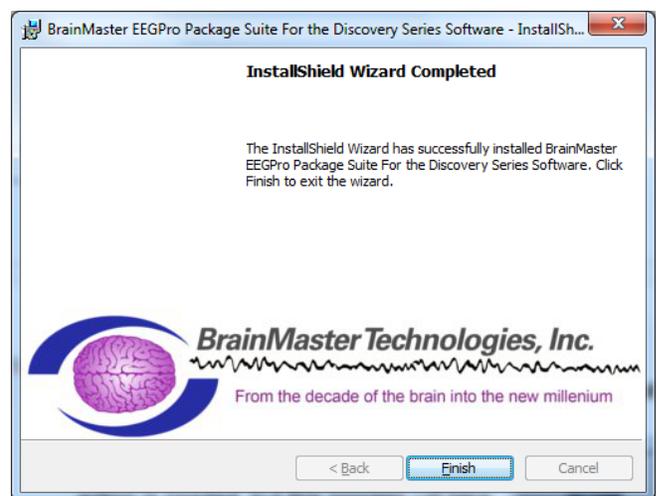
4. When the following screen appears, click Install to continue.



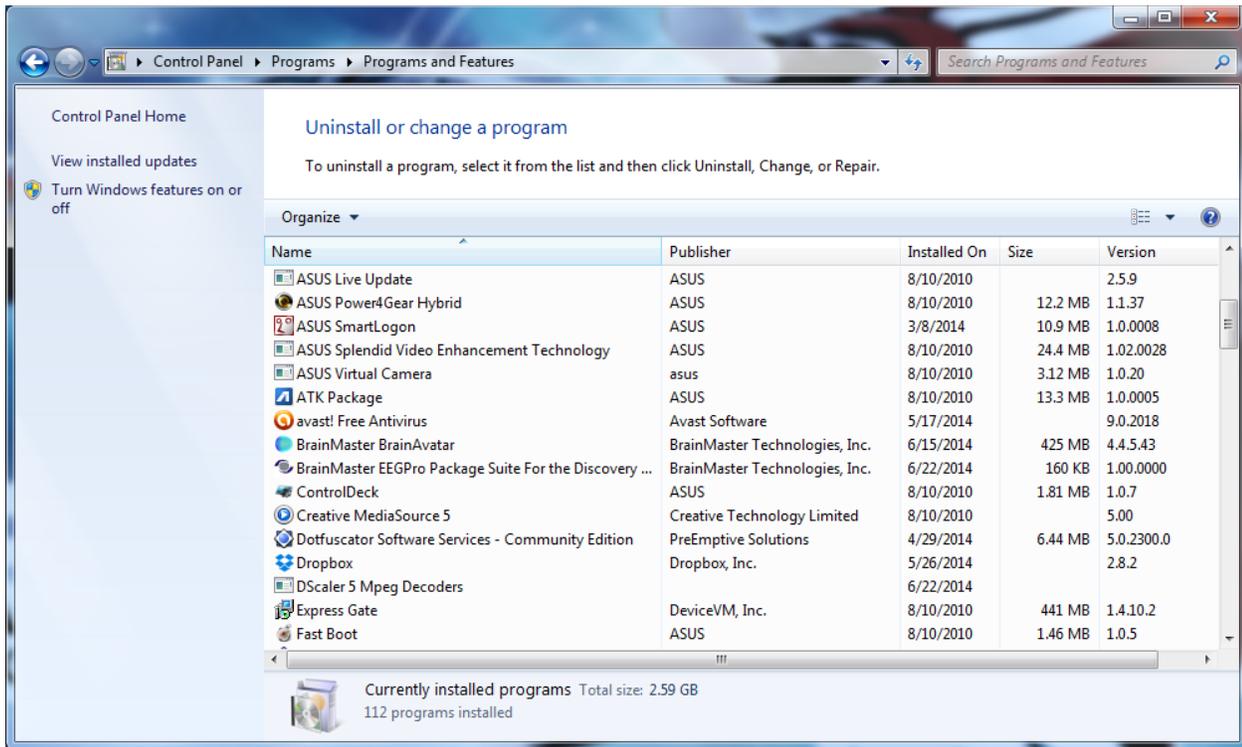
5. The BrainMaster Installation will begin. Before this completes, additional installers will begin to install.



6. The following screen will appear to confirm that the the selected BrainMaster Software Add-On has been successfully installed. Click Finish to Continue.



The BrainMaster Software is now installed on your PC. You will be able to see that this is successful by seeing the name of the add-on in the Programs and Features Menu.



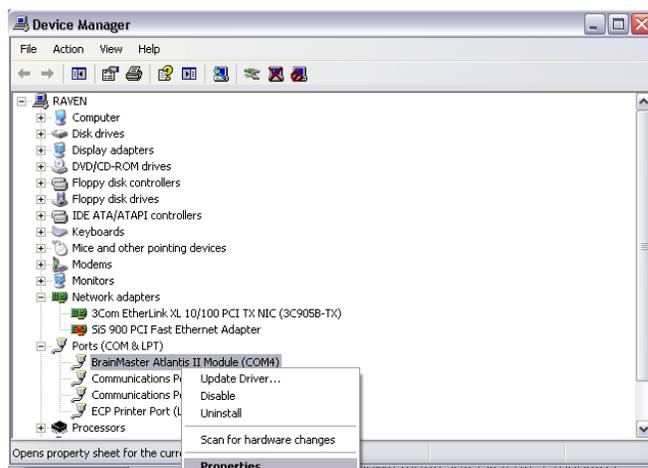
Hardware Settings

Changing/Identifying the COM Port

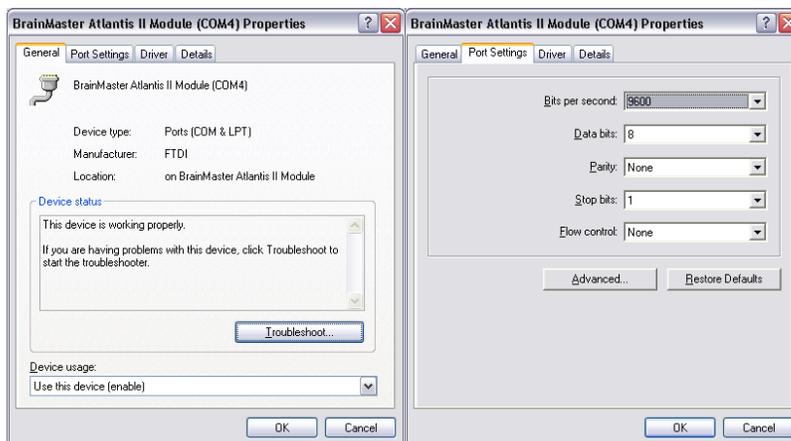
If you need to change which COM Port the BrainMaster device is assigned to, or simply would like to know what COM Port your unit is assigned to, follow these steps. **PLEASE NOTE: The BrainMaster unit must be assigned to a COM between COM 3 and COM 32. If it assigned to another COM Port outside of these numbers, it will not function.**

1. Get to the Device Manager. This can be found at Control Panel→System and Security→Device Manger. The BrainMaster Module, will be located under the section “Ports (COM & LPT)”. If you are simply looking for what COM Port your device is on, this will tell you. If you are looking to change your COM Port, proceed to the next step

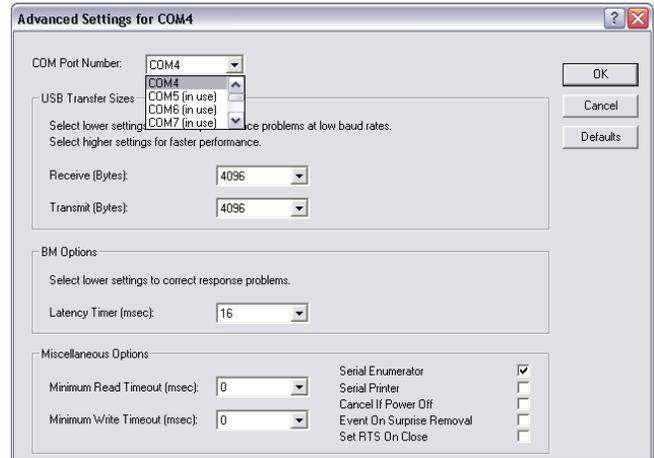
2. Right-click on the BrainMaster Module listing, and then on the drop-down menu, left-click on “Properties”:



3. Click the “Port Settings” tab. Under the “Port Settings” tab, click the “Advanced” button.



4. On the drop-down menu next to “COM Port Number,” choose, by clicking and highlighting a COM Port number that does not have the words “in use” next to it. When this is complete, click “OK” in the upper right corner.



Click “OK” on the “Properties” screen to properly set the COM Port. Once this has been completed, the COM Port will now be set to the COM selected. **Please make sure that you always keep track of the COM Port that your unit has been assigned.**



BrainMaster Products are manufactured by:

BrainMaster Technologies Inc.

195 Willis St.

Bedford, OH 44146

United States

1-440-232-6000

EC

REP

European Representative:

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