



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 8/8.1, Windows 10
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 (Intel i7 or equivalent preferred)
Operating System:	Windows Vista, Windows 7, Windows 8/8.1, Windows 10
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 (Intel i7 or equivalent preferred)
Operating System:	Windows Vista, Windows 7, Windows 8/8.1, Windows 10
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



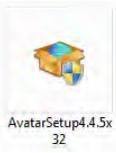
2. Online at www.brainm.com/



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.

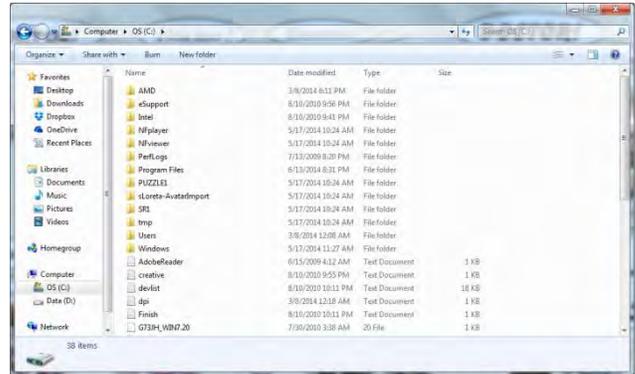
*This disc is supplied when initially purchased, and is also available for purchase.

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

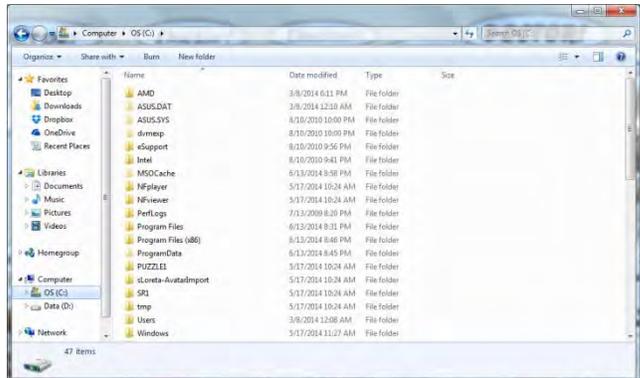


If an attempt is made to install NameOfSoftwarex32 on a 64-Bit version of windows, you will see the following error message.



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).

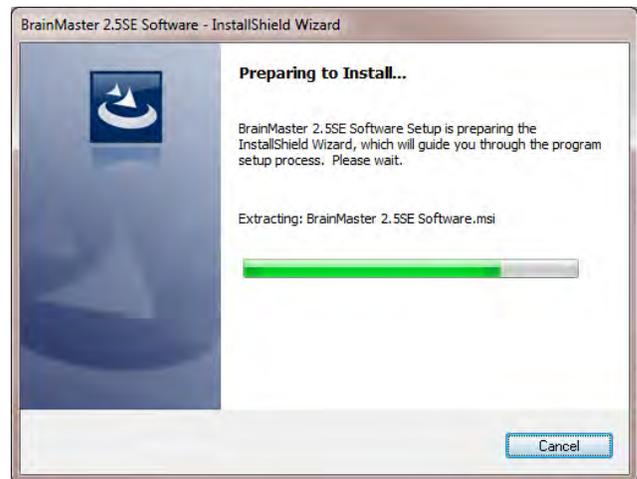


If an attempt is made to install NameOfSoftwarex64 on a 32-Bit version of windows, you will see the following error message.

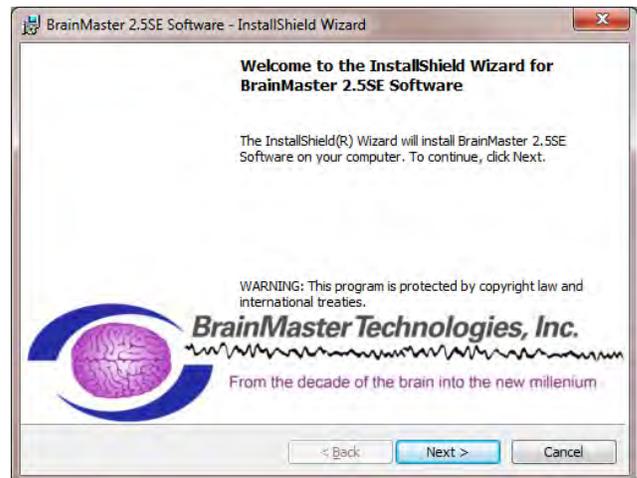


Installation Process

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.



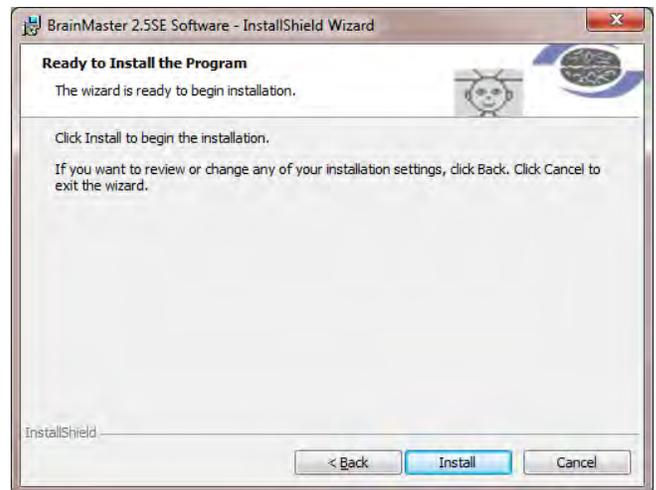
3. In order to continue through the installation process, the license agreement will need to be accepted. Do this by clicking "I accept the terms in the license agreement," then click "Next" to continue.



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



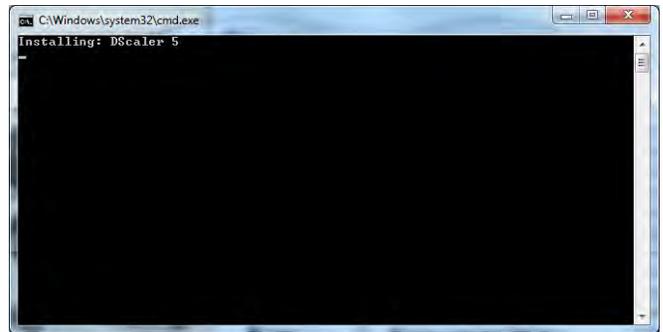
5. When the following screen appears, click Install to continue.



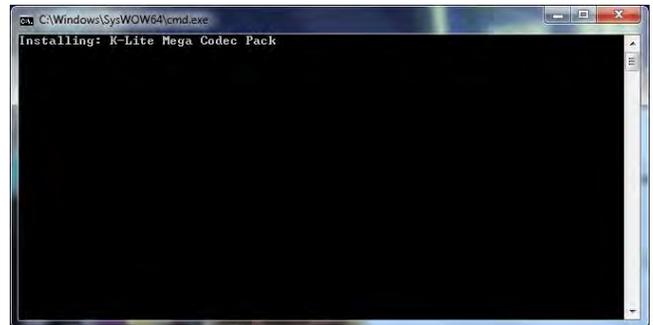
6. The BrainMaster Installation will begin. Before this completes, additional installers will begin to install.



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.



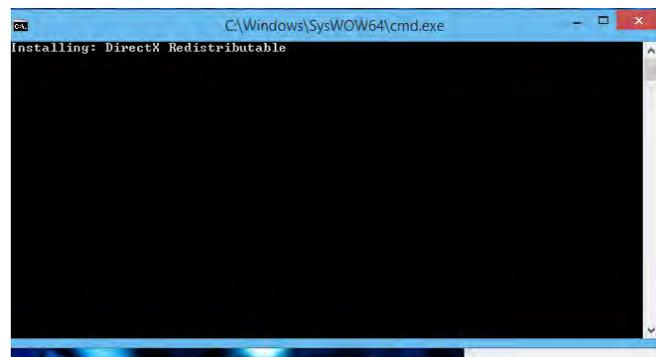
8. A command prompt screen stating that it is installing the K-Lite Mega Codec pack will appear. Nothing is needed from you. It will complete on its own, and may take a few minutes depending on your computer.



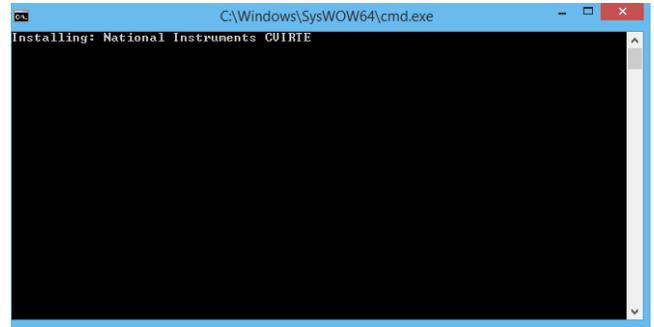
9. **PLEASE NOTE:** If you are installing any software besides the BrainAvatar Software, please proceed to step 11. A command prompt screen stating that it is installing a Microsoft Redistributable will appear. Nothing is needed from you. It will complete on its own, and may take a few minutes depending on your computer.



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



15. A command prompt screen stating that it is installing the National Instruments CVIRTE will appear. Nothing is needed from you. It will complete on its own, and may take a few minutes depending on your computer



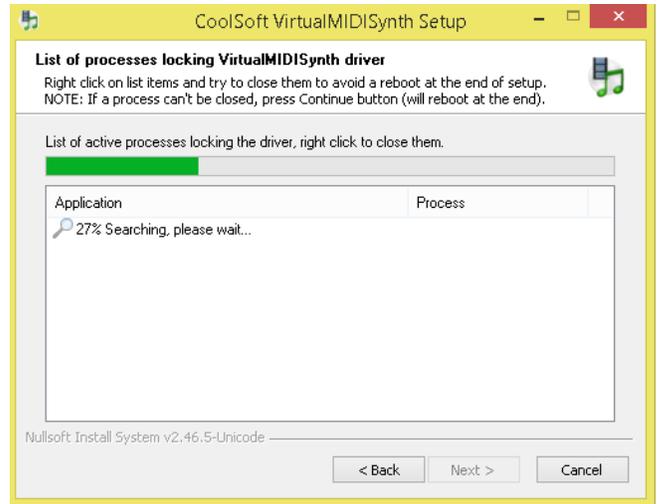
16. The CoolSynth MIDI Synthesizer Application will now begin its installation process. Please select the preferred language for this program and click OK to continue.



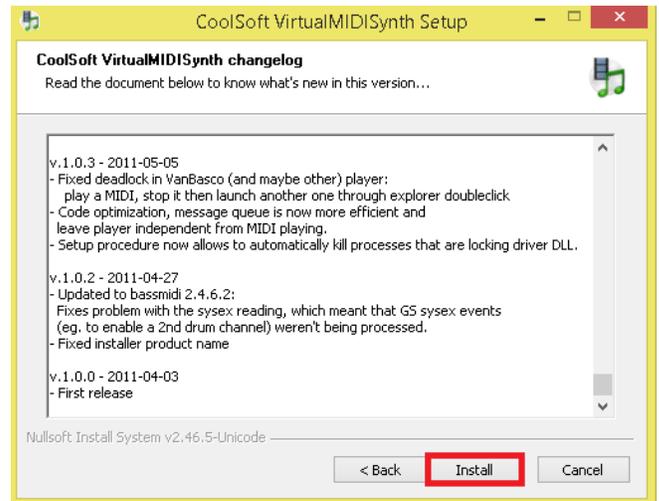
17. The Welcome Screen for the CoolSynth software will appear. Click Next to Continue.



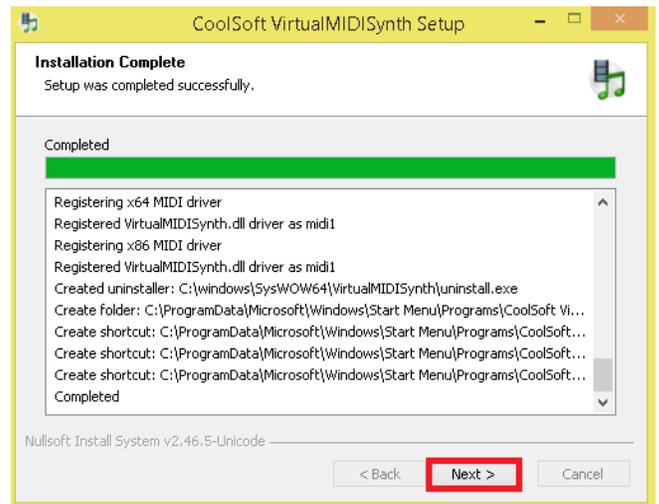
18. CoolSoft Setup will now look for a list of possible applications that might prevent the installation of the VirtualMIDI Synth.



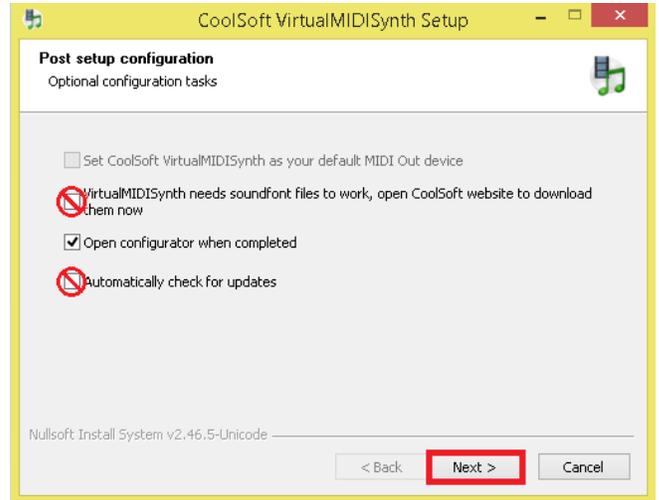
19. The following screen will appear, to let you know the changelog for the MIDI Synth. Click Install to continue.



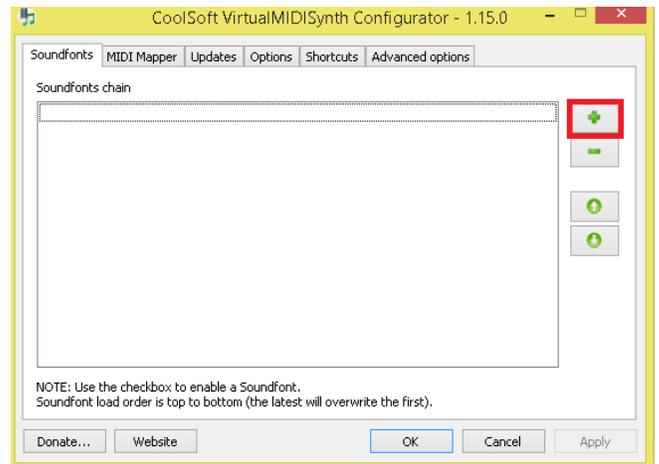
20. The Installation process will now begin. Once the installation process has completed, click the Next Button to continue.



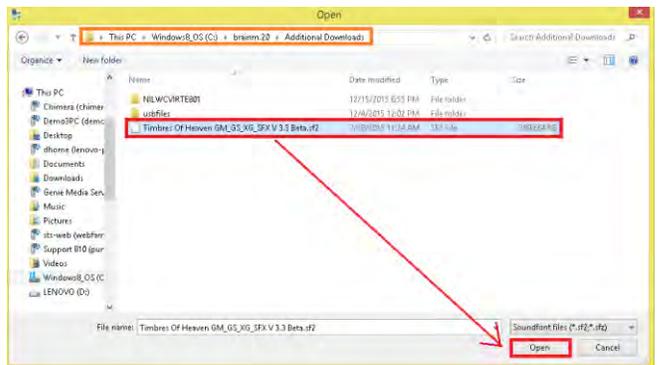
21. The Post setup Configuration Menu will appear. Uncheck “VirtualMIDISynth needs sound font files to work, open CoolSoft website to download them now”, and ‘Automatically check for updates”. When this is completed, click the Next Button to continue.



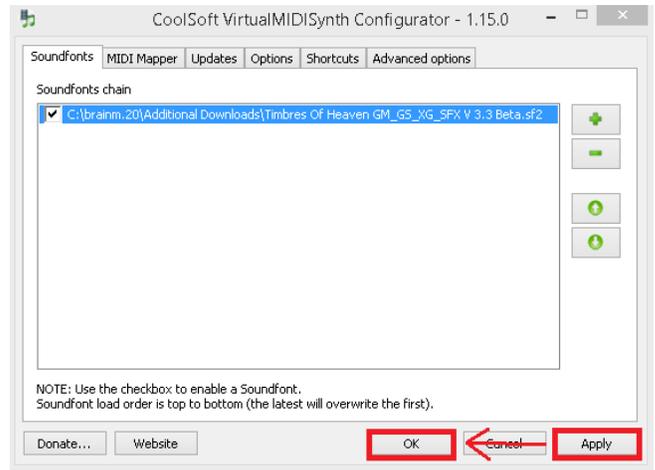
22. The Configurator will open, and you will need to choose the SoundFont file that was installed with your software. Click the “+” Button to find this.



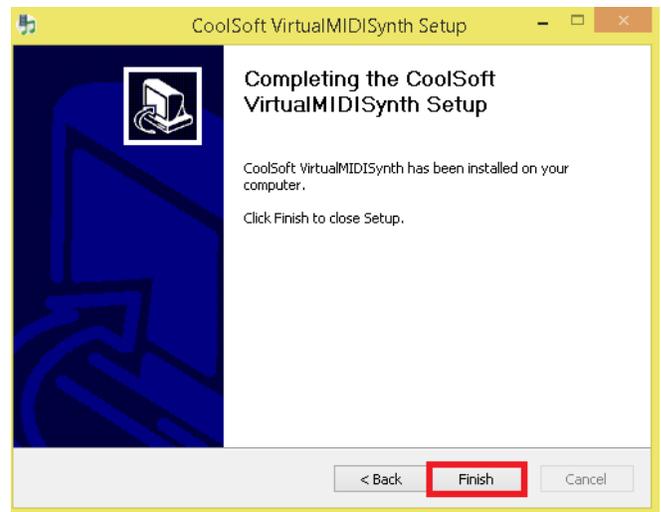
23. You will need to navigate to the SoundFont File location. If you installed the BrainAvatar Software, the SoundFont file can be found at C:\Progam Files (x86)\BrainMaster\Avatar\Additional Downloads, and is named WeedsGM3.sf2. If you installed any other Software, the SoundFont file can be found at C:\brainm.20\Additional Downloads, and is still named WeedsGM3.sf2. When you have selected the file click Open to continue.



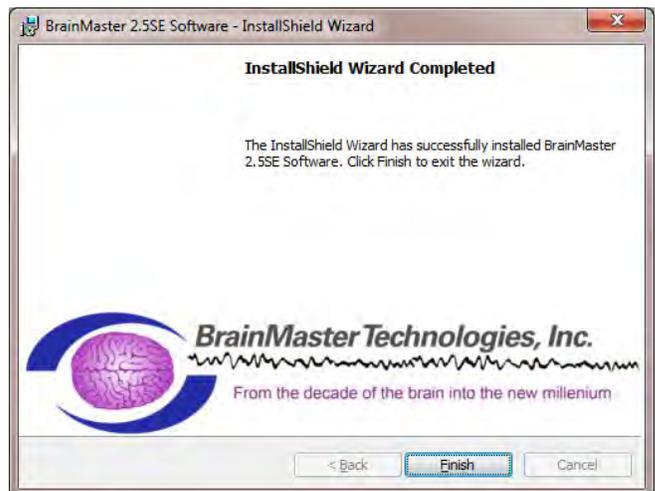
24. After the SoundFont has been selected, it will be available for use in the Configurator. On the Configurator Page, click Apply, then click OK.



25. The CoolSoft VirtualMIDISynth is now Setup and configured. Click Finish to continue.



26. 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.



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



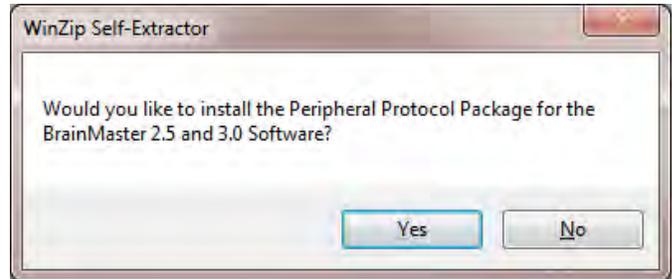
4. Online at www.brainm.com/



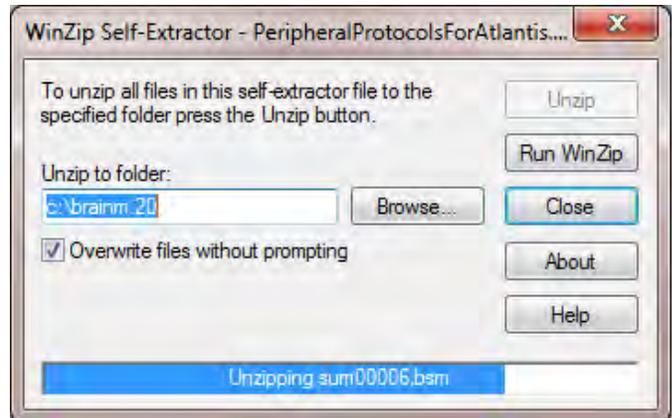
*This disc is supplied when initially purchased, and is also available for purchase.

Installation Process

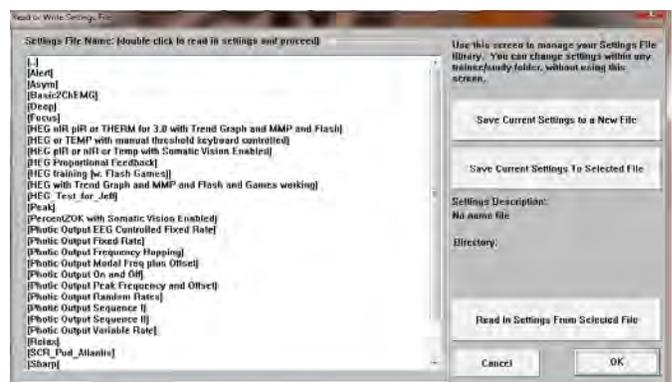
1. After beginning the software installation, an extraction screen will appear. Click yes to continue the installation.



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

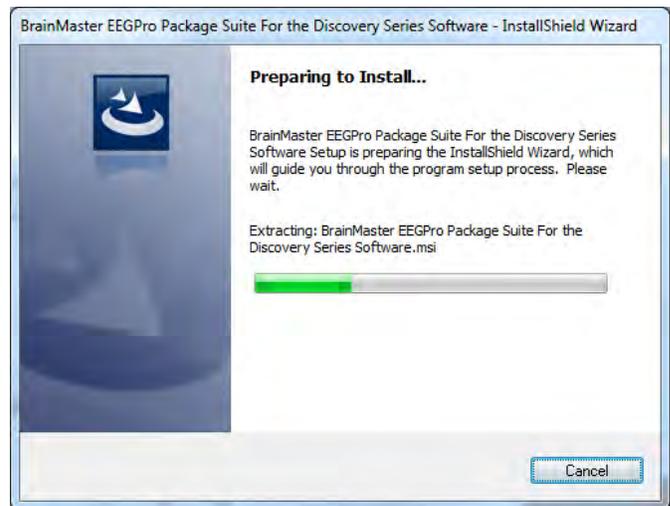


The BrainMaster Protocol Package will now be available for use for the selected BrainMaster Software. You will be able to see that this is successful by viewing the Settings in the Read or Write Settings Files.

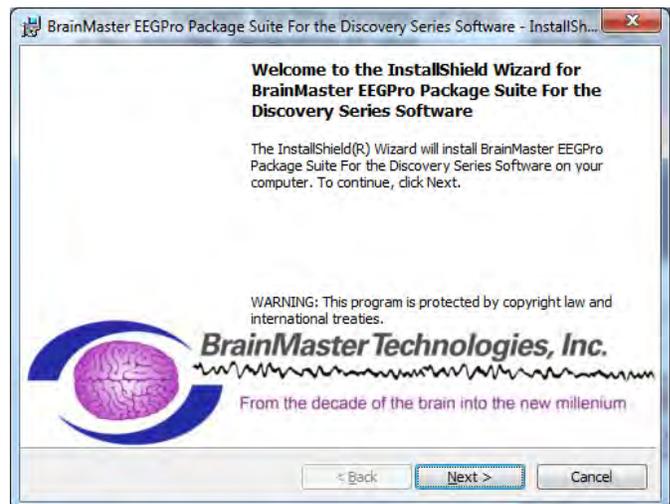


BrainMaster Add-on Package Installation Guide

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.



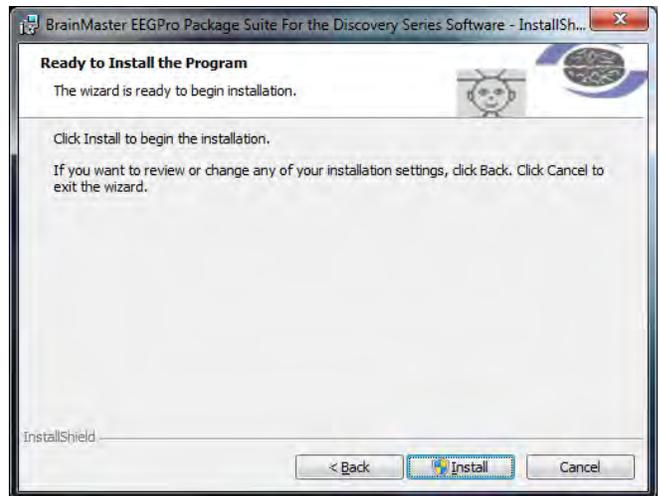
2. When this is completed, the InstallShield Wizard screen will appear. Click "Next" to continue.



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.



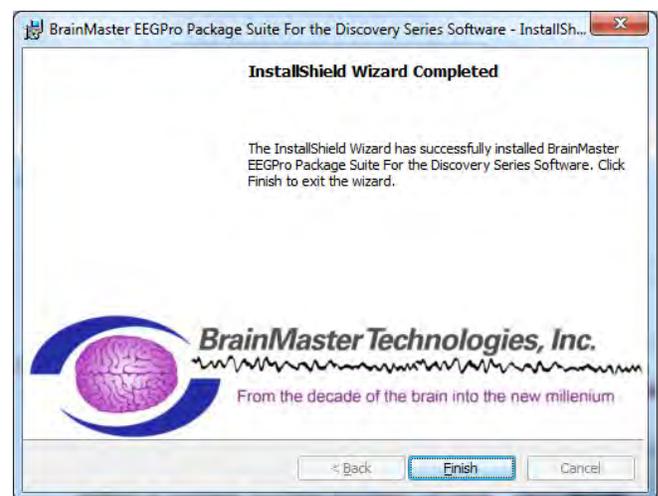
4. When the following screen appears, click Install to continue.



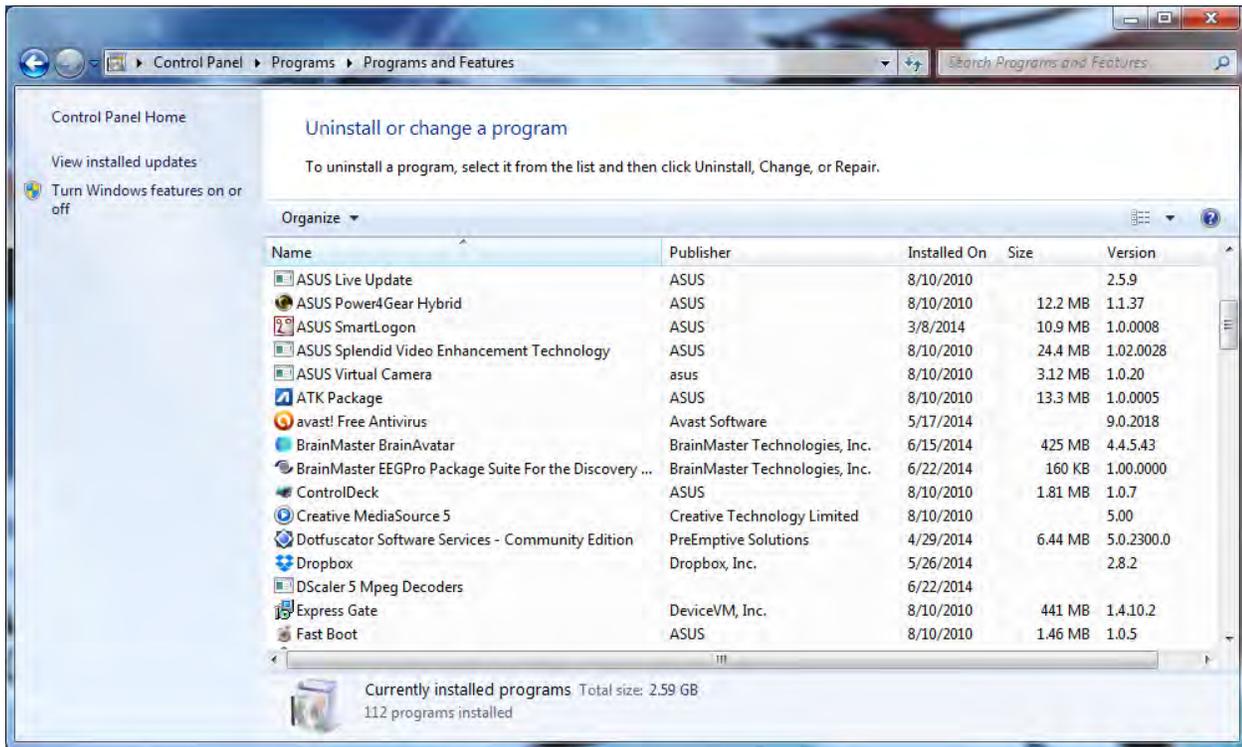
5. The BrainMaster Installation will begin. Before this completes, additional installers will begin to install.



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.



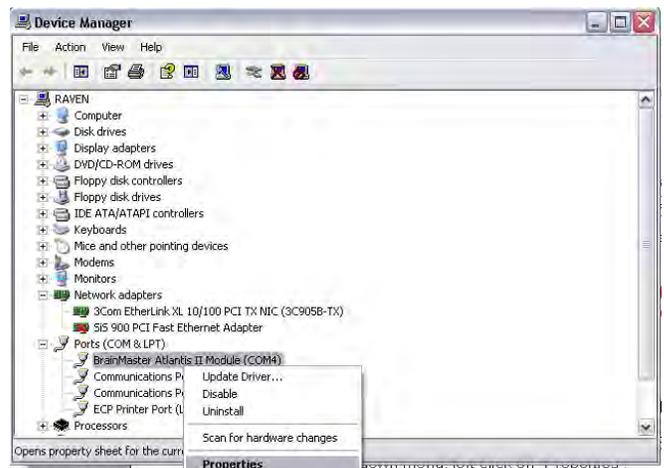
Hardware Settings

Changing/Identifying the COM Port

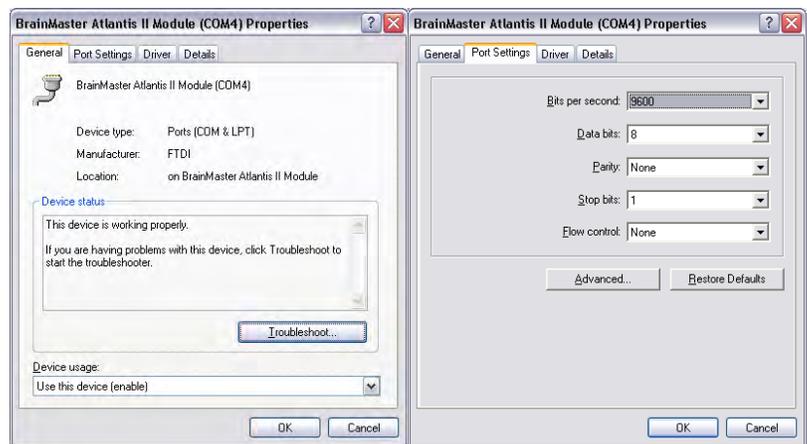
If you need to change which COM Port the BrainMaster device is assigned to, or simply would like to know what COM Port your unit is assigned to, follow these steps. **PLEASE NOTE: The BrainMaster unit must be assigned to a COM between COM 3 and COM 32. If it assigned to another COM Port outside of these 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

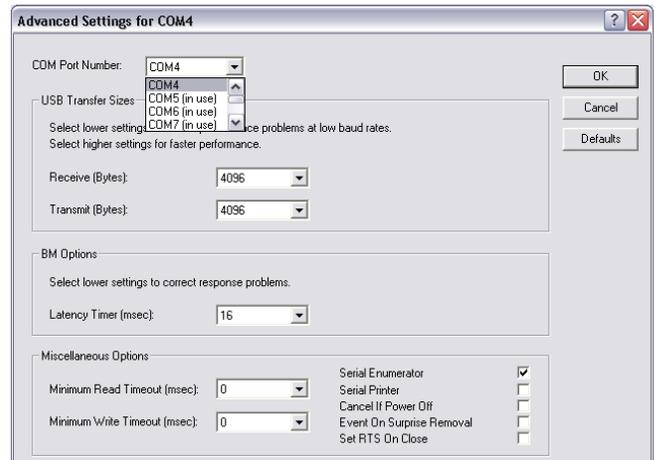
2. Right-click on the BrainMaster Module listing, and then on the drop-down menu, left-click on “Properties”:



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
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