BrainMaster

3.4 Software Quick Installation Guide Windows Vista and Windows 7

Version November 20, 2009

The BrainMaster 3.0 Software is installed using the online distribution found at: <u>http://www.brainm.com/software/3.0</u>

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BrainMaster 3.4 Software Installation for Windows Vista/7:

IMPORTANT NOTE:

Make sure to install the software BEFORE attempting to plug in the Atlantis hardware module. Please install the software first, and then the hardware can easily be installed.

If you are installing from a computer with 2.5, 2.5SE, or 3.0, do NOT uninstall the old program from your computer until the 3.4 Software is running flawlessly.

The BrainMaster Software Update page:

http://www.brainm.com/software/3.0

Please refer to this web page for updates that will occur as the software is upgraded for additional functions, training capabilities, and other enhancements.

IF YOU DO NOT HAVE THE INCLUDED CD FOR THE 3.4 SOFTWARE:

Please go to your internet browser, and type in the URL: www.brainm.com/software/3.0 and proceed to step #3.

Installing from the 3.4 Installation CD:

Insert the CD into the CD drive on your computer, and follow the onscreen instructions. If there are no onscreen instructions:

1. Double click on "My Computer" and select the CD Drive, labeled "3.4 Software."



2. Right click on the CD Drive, and click "Open" or "AutoPlay."

3. An Internet Browser should open up to install the software. Click "HERE" on the web page.



4. If using Internet Explorer as your browser, click "Run" when the software prompts for download.



- 5. If using Mozilla Firefox as your browser, click "Save" when the software prompts for download, then go to your downloads window, and run the installation software from there.
- 6. A download progress screen will appear next and it will take several minutes to download the file, depending on your Internet connection speed.

7. This is just another download allowance screen for your computer's safety. Once again, click on "Run."



8. The following screen should appear. No action is needed, but this process may take a few minutes, depending on your computer's efficiency.

File Download	upon Na alteria terrini t				
Estimated time left: Download to: 1 Transfer rate:	Femporary Folder				
	Open Open Folder	Cancel			

9. After a brief time, the following screen should appear. Click "Next."



10. If you are given this error message, follow the next steps. If you do not, click "Finish."



1. Click "Ok," and keep ALL of the installation screens running. On your Desktop, click on "Start, " and go to "Computer," and double click on the C: drive.



2. Right click in the white area of the window, and choose "New," then "Folder." Name the folder **brainm.20** exactly as it appears in bold.



3. Return to your installation screen, and choose the file path "C:/brainm.20" that you just created. If the folder you created does not appear, just click on the C: drive, and the software will find the folder you created automatically; Click "Ok."

• When you see this screen, click "Install" to continue.

BrainMaster 3.4 Software - InstallShield Wizard							
Ready to Modify the Program The wizard is ready to begin installation.							
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.							
Current Settings:							
Setup Type:							
Typical							
Destination Folder:							
C:\brainm.20\							
User Information:							
Name: BMR101							
Company: Hewlett-Packard Company							
I InstallShield							
< <u>B</u> ack Install Cancel							

• A progress screen should appear for the installation. It should only take a few minutes.

😸 BrainMas	😸 BrainMaster 3.4 Software - InstallShield Wizard							
Installing The prog	BrainMaster 3.4 Software gram features you selected are being installed.							
P	Please wait while the InstallShield Wizard installs BrainMaster 3.4 Software. This may take several minutes.							
	Status:							
	Copying new files							
TestellChield								
InstallShield -	< <u>B</u> ack <u>N</u> ext > Cancel							

• When you see the final installation screen, click "Finish." The new 3.0 Software is now installed.



The 3.4 Core software is now installed. It is **NOT** necessary to restart your computer. At this point, check to see that you have a shortcut on your desktop to verify that the software installed correctly.



ATLANTIS AND USB INSTALLATION/ COM PORT SETUP WITH 3.4 SOFTWARE - WINDOWS VISTA

Note: Do these steps to install the hardware ONLY after the software has been installed. If you plug in the unit to the computer prior to installing the software, you may encounter difficulties in the process. If you have not yet installed the software, go back to the 3.4 Software Installation guide and follow the instructions for installing the software.

Note for 7 Users:

If you already have a previous version of the BrainMaster Software (i.e. 2.5Se, 3.0, etc.), the drivers for the Atlantis module should still be saved on your computer. If it was uninstalled, or you are installing the BrainMaster Software for the first time, please follow these instructions to install the drivers for your Atlantis Module.

1. Use the cable provided to connect the USB cable to the Atlantis 2 x 2 or 4 x 4 module, and then connect the USB cable into one of the USB ports on the computer.



2. You will then see a balloon message in the lower right hand corner of your computer that states "Found New Hardware."



3. This step will open the "Found New Hardware Wizard." When you see this window, click on "Locate and install driver software (recommended)."



4. Your computer will now scan the hard disks and CD drive to see if it can locate the drivers itself. A new screen will appear. This driver will NOT harm your computer. Click "Install this driver software anyway."



5. The computer will now automatically install the driver from the Installation CD. When this screen appears, you have successfully installed the driver for your Atlantis Module.

Found New Hardware - BrainMaster Atlantis II Module (COM3)	x					
The software for this device has been successfully installed						
Windows has finished installing the driver software for this device:						
BrainMaster Atlantis II Module						
	Close					

ATLANTIS AND USB INSTALLATION/ COM PORT SETUP WITH 3.4 SOFTWARE - WINDOWS 7

Note: Do these steps to install the hardware ONLY after the software has been installed. If you plug in the unit to the computer prior to installing the software, you may encounter difficulties in the process. If you have not yet installed the software, go back to the 3.4 Software Installation guide and follow the instructions for installing the software.

Note for 7 Users:

If you already have a previous version of the BrainMaster Software (i.e. 2.5Se, 3.0, etc.), the drivers for the Atlantis module should still be saved on your computer. If it was uninstalled, or you are installing the BrainMaster Software for the first time, please follow these instructions to install the drivers for your Atlantis Module.

1. Use the cable provided to connect the USB cable to the Atlantis 2 x 2 or 4 x 4 module, and then connect the USB cable into one of the USB ports on the computer.



2. You will then see a balloon message in the lower right hand corner of your computer that states "Found New Hardware."



3. The next window will appear, and you can simply close out of it. Windows 7 automatically installs many common drivers, but does not automatically install the BrainMaster Module hardware drivers.

Driver Software Installation		×			
Device driver software was not successfully installed					
USB Serial Port	🗙 No driver found				
What can I do if my device did not install properly?					
		Close			

4. Go to your Start button, and right-click on Computer, and then choose "Properties."



5. A new window will open; choose "Device Manager" in the top left corner.



6. Another window will open. Select "Other Devices" and you should see the following:



Right click on the unidentified USB Serial Port, and click "Update Driver Software..."

7. A new window will open; Choose "Browse my computer for driver software."



BrainMaster 3.4 Software Quick Installation Guide- Windows 7 8. Click "Browse" and choose the file path "C:\brainm.20\usbfiles." Click "Next."

C 1 Update Driver Software - USB Serial Port
Browse for driver software on your computer
Search for driver software in this location: Charama 20 usbfiles
Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next Cancel

9. Windows Security will appear; click "Install this driver software anyway." This will not harm your computer.



10. Your computer will now install the driver software.



11. The following screen will appear, and now you can properly set your COM Port. The instructions for identifying and setting the COM Port is outlined on the next page.

😡 📱 Update Driver Software - BrainMaster Atlantis II Module (COM3)	
Windows has successfully updated your driver software	
Windows has finished installing the driver software for this device:	
BrainMaster Atlantis II Module	
	lose

IDENTIFYING COM PORTS AND SETUP THROUGH THE SOFTWARE:

The next necessary step is to identify which COM Port the hardware has been assigned to in order to run the BrainMaster Software.

1. Click on the Start Menu, and click on "Control Panel."



2. A new window will open. In alphabetical order, find "Device Manager" and click on it.



3. Click on the (+) of the heading "Ports (COM and LPT)" and find the device named "BrainMaster Atlantis I/II Module (Com#)." Right click on the Atlantis heading, and click on "Properties."

A Device Manager	
File Action View Help	
🗢 🔿 🗊 🖾 📓 🖬 😣 🖹 😽	
Image: Second state sta	
Portable Devices Ports (COM & LPT) PrainMaster Atlantis II Module (Serial Port (COM4) Processors Sound, video and game controllers System devices Portesal Serial Bus controllers	Update Driver Software Disable Uninstall Scan for hardware changes
Opens property sheet for the current selection.	

The (COM#) will tell you what COM Port the device is using. It is preferable to use 1 through 8, which is most compatible with the software. When you click Properties, a new window will appear. Click on the "Port Settings" Tab near the top of the window. Then click on the "Advanced" tab.

B	BrainMaster Atlantis II Module (COM3) Properties
	General Port Settings Driver Details
	<u>B</u> its per second: 9600 ▼
	Data bits: 8
8	<u>P</u> arity: None ▼
	<u>S</u> top bits: 1 ▼
	Flow control: None
i	Advanced Restore Defaults
	OK Cancel

4. This screen enables you to change the COM Port from the one that the computer automatically selected to ensure that the BrainMaster Software is communicating with the Atlantis module. Click in the arrow down box towards the top of the page, and choose a COM Port from 3 through 8.

Advanced Settings for COM3		8 ×
COM Port Number: COM3	•	ОК
USB Transfer Sizes		Cancel
Select lower settings to correct performance problems at low b	oaud rates.	Defaults
Select higher settings for faster performance.		Dendaria
Receive (Bytes):		
Transmit (Bytes): 4096 -		
BM Options	Miscellaneous Options	
Select lower settings to correct response problems.	Serial Enumerator	
Latency Timer (msec):	Serial Printer	
	Cancel If Power Off	
Timeouts	Event On Surprise Removal	
Minimum Read Timeout (msec):	Set RTS On Close	
Minimum Write Timeout (msec):	Disable Modem Ctrl At Startup	

Click "OK" to save all of the changes. You can verify the COM Port number by following the steps once more outlined above.

When you have saved the COM Port changes, you can now Login to the BrainMaster Software, and click "Run the Next Session." On the Training/Control Screen, choose "Data in the top left corner, and choose the same COM Port number as in Device Manager. You are now ready to use the BrainMaster Software and hardware.

102	ई Ti	raining/Con	trol Screen -	BrainMas	ter 3.4			-		J
	Data	Display	Freq.Bands	Color	Sound					
		Use COM1		Cloc	k:	00:00	Points:	0	Close	
		Use COM2								-
	√]	Use COM3								
Г		Use COM4								
		Use COM5								
		Use COM6								
		Use COM7								
		Use COM8								
		Playback Fi	ile							
		Save EEG D	ata							
	✓	60Hz Notch	h Filter							
		50Hz Notch	h Filter							
		Show Logii	n Data							
		Atlantis Set	tup							