BrainMaster

3.4 Software Quick Installation Guide Windows XP

Version October 19, 2009

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

BrainMaster 3.4 Software Installation for Windows XP:

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. An Internet browser window will open, 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.

File Download - Security Warning			
Do you want to run or save this file?			
Name: setup34.exe Type: Application, 153MB From: D:\3.4softwarefullinstall			
<u>R</u> un <u>S</u> ave Cancel			
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. <u>What's the risk?</u>			

- 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. When you see the following screen, click on "Run."

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



9. After a brief time, the Install Shield Wizard screen should appear. Click "Next."



10. When you see this screen, you can print the license agreement if you wish; otherwise, in order to proceed, you must click the option for "I accept the terms in the license agreement," then click "Next."

🗒 BrainMaster 3.4 Software - InstallShield Wizard	X
License Agreement Please read the following license agreement carefully.	
END USER LICENSE AGREEMENT	
Before using this Software, you should carefully read the following terms and conditions. Operating this software indicates your acceptance of these terms and conditions.	
BrainMaster Technologies, Inc. (BrainMaster) provides this Software and licenses its use to you, the Customer. BrainMaster retains ownership of all rights in the Software and of all proprietary technology embodied therein.	•
 I accept the terms in the license agreement	
InstallShield	

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

🗒 BrainMaster 3.4 Software - InstallShield Wizard 🛛 🛛 🔀
Ready to Install 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: Tom Collura
Company: BrainMaster
InstallShield <u>Sack</u> Cancel

12. More progress screens; no action is needed, just wait:

😸 BrainMaster 3.4 Software - InstallShield Wizard 📃 🗆 🔀 🔀 BrainMaster 3.4 Software - InstallShield Wizard				
Installing The prog	J BrainMaster 3.4 Software gram features you selected are being installed.	Install i The p	ng BrainMaster 3.4 Software orgram features you selected are being installed.	
P	Please wait while the InstallShield Wizard installs BrainMaster 3.4 Software. This may take several minutes.	15	Please wait while the InstallShield Wizard installs BrainMaster 3.4 Software. This may take several minutes.	
	Status:		Status:	
	Copying new files			
InstallShield -	< <u>B</u> ack <u>N</u> ext > Cancel	InstallShiel	< <u>Back</u> <u>N</u> ext > Cancel	

13. When you see the final installation screen, click "Finish." The new 3.4 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.

ATLANTIS AND USB INSTALLATION/ COM PORT SETUP WITH 3.4 SOFTWARE

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.

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." It is necessary to do two passes at the installation, since two sets of drivers are required.



3. This step will open the "Found New Hardware Wizard." When you see this window, check the "No, not this time" circle, and then click "Next"

Found New Hardware Wizard		
Found New Hardware Wiz	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and gvery time I connect a device No, not this time	
	Click Next to continue.	
	< <u>Back</u> <u>N</u> ext > Cancel	

4. Another window will appear, and check the "Install from a list or specific location" circle, and click "Next."

Found New Hardware Wize	ard
	This wizard helps you install software for: BrainMaster Atlantis II Module If your hardware came with an installation CD or floppy disk, insert it now.
	 Install the software automatically (Recommended) Install from a list or specific location (Advanced)
	Click Next to continue.
	< <u>B</u> ack <u>N</u> ext > Cancel

5. At the next screen, make sure that the circle "Search for the best driver in these locations" is checked, and under that circle, make sure that the "Search removable media" box is unchecked. Ensure that the box "Include this location in the search:" is checked, and the drop down box says **"C:\brainm.20\USBfiles."** If it does not, either type the file path, or hit "Browse" to access the file path. Then click "Next."

ound New H	ardware Wizard
Please cho	ose your search and installation options.
⊙ <u>S</u> earc	h for the best driver in these locations.
Use tł paths	ne check boxes below to limit or expand the default search, which includes local and removable media. The best driver found will be installed.
	Search removable media (floppy, CD-ROM)
V	Include this location in the search:
	C:\BRAINM.20\USBFILES
<u>○D</u> on't	search. I will choose the driver to install.
Choos the dr	se this option to select the device driver from a list. Windows does not guarantee that iver you choose will be the best match for your hardware.
	[< <u>B</u> ack <u>N</u> ext > Cancel

5. If a window appears stating that the hardware has not passed Windows Logo testing, hit "Continue Anyway." This will NOT harm your computer.



6. The next window will show a number of drivers to select for installation. Highlight the top driver, and hit "Next."

Found New Hardware Wizard						
Please select the best match for your hardware from the list below.						
BrainMaster Atlan	tis II Module					
Description	Version Manu	facturer Location				
BrainMaster Atlantis II	Module 1.0.2154.0 FTDI	c:\windows\inf\oerr				
BrainMaster Atlantis II	Module 1.0.2154.0 FTDI	c:\windows\inf\oerr				
<	Ш	>				
This driver is not digitally signed! <u>Tell me why driver signing is important</u>						
	< <u>B</u> ack	<u>N</u> ext > Cancel				

7. The driver will install, and when complete, this window will display. Click "Finish."

Found New Hardware Wiz	ard		
	Completing the Found New Hardware Wizard		
	BrainMaster Atlantis II Module		
	Click Finish to close the wizard.		
	< Back Finish Cancel		

At this point you will again see a "Found New Hardware" wizard window, as the computer now needs to install to the USB port. Below are the text instructions which are the same as the ones above. Please refer to the above pictures if you need to know what the screens look like.

- 1. At the second "Found New Hardware Wizard" box, again check the "No, not at this time" circle and click "Next."
- 2. On the next screen, check the "Install from a list or specific location" circle and click "Next"
- 3. On the next screen "C:\brainm.20\USBfiles" should automatically be in the "Include this location in the search" browse window, and again, make sure that only the "Search for best driver from these locations" and "Include this location in the search" boxes are checked; then click "Next."
- 4. On the next screen, click "Continue Anyway"
- 5. On the next screen, the progress of the install will be shown;
- 6. Finally you will again get a "Found New Hardware" box and click "Finish."

At this point, you will get a conformation that the hardware is ready to use by a message balloon at the bottom right corner of your computer screen that says "Your new hardware is installed and ready to use."

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. If your computer is in "Category View", go to the left side of the window, and click "Switch to Classic View." Your Control Panel window should now look like this:



- 3. Locate the "system" icon and double click on it. The icons should be in alphabetical order.
- 4. When this window appears, click the "Hardware" tab.

System Properties		? 🗙
System Restore Au	tomatic Updates	Remote
General Computer Name	Hardware	Advanced
	System: Microsoft Window Professional Version 2002 Service Pack 3 Registered to:	sXP

"

5. Then click on the first button, named "Device Manager."

ystem Pro	perties			?		
System	n Restore	Automat	ic Updates	Remote		
General	Comput	er Name	Hardware	Advanced		
Device	Manager The Device Ma on your comput properties of an	nager lists all t er. Use the De y device.	he hardware devic vice Manager to c	ces installed change the		
			Device M	lanager		
Drivers-						
	Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.					
	Driver <u>S</u> i	igning	<u>W</u> indows	Update		
-Hardwar	e Profiles					
R	Hardware profile different hardwa	es provide a w are configuratio	ay for you to set up ons.	p and store		
			Hardware	Profiles		
		OK	Cance	Apply		

6. A new window will appear. Scroll down until you find "Ports(COM and LPT). Double Click and find "BrainMaster Atlantis I/II Module (COM #)."



7. The COM Port assigned (the COM#) should be assigned to a number between 1 and 32. The COM Port number for the Atlantis module should be 3 through 8. Make note of which COM Port the Atlantis is installed on for the first use of the BrainMaster Software. The COM Port that is assigned here must match the COM Port that is shown in the BrainMaster software.

PLEASE REFER TO THE INSTRUCTIONS BELOW TO ASSIGN THE CORRECT COM PORT FOR YOUR ATLANTIS HARDWARE.

CHANGING THE COM PORT:

If you need to change which COM Port the Atlantis is assigned to, follow these instructions.

1. With the Device Manger window still up, right-click on the BrainMaster Atlantis Module listing, and then on the drop-down menu, left-click on "Properties":

🚚 Device Manager				
File Action View Help				
	🗙 😹			
E AVEN			^	
🗄 🖳 😼 Computer				
🕀 🐋 Disk drives				
🕀 💆 Display adapters				
E S DVD/CD-ROM drives				
🗉 🚍 Floppy disk controllers				
Floppy disk drives				
IDE ATA/ATAPI controllers				
H Keyboards			_	
The second				
Modems				
Here and the second secon				
SiS 900 PCI Eact Ethernet Adapter	C (JC9030-1A)			
Ports (COM & LPT)				
RrainMaster Atlantis II Module (COM	4)			
Communications P Update Driver				
Communications P Disable				
ECP Printer Port (L Uninstall				
🗄 🌧 Processors			~	
Scan for hardy	vare changes			
Opens property sheet for the curri				

2. At this window, click "Port Settings."

BrainMaster Atlantis II Module (COM4) Properties 🛛 🔹 👔				
General Port Settings Driver Details				
Ţ	BrainMaster Atlantis II Module (COM4)			
	Device type:	Ports (COM & LPT)		
	Manufacturer:	FTDI		
	Location:	on BrainMaster Atlantis II Module		
This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter.				
		Iroubleshoot		
Device usage:				
Useth	is device (enable)		×	
		ОК	Cancel	

3. Click on the "Advanced" tab:

BrainMaster Atlantis II Module (COM4) Properties 🛛 🔹 👔						
General Port Settings Driver Details						
<u>B</u> its per second	. 9600					
Data bits	: 8					
Parity	None					
<u>S</u> top bits	1					
<u>F</u> low control	None					
Advance	d <u>R</u> estore Defaults					
	OK Cancel					

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, and click "OK" in the upper right part of the window.

Advanced Settings for COM4	? 🗙				
COM Port Number: COM4 COM4 USB Transfer Sizes COM5 (in use) COM6 (in use) Select lower settings COM7 (in use) COM6 (in use) COM7 (in use) COM6 (in use) COM6 (in use) COM6 (in use) COM6 (in use) COM7 (in use) COM6 (in use) COM6 (in use) COM6 (in use) COM6 (in use) COM6 (in use) COM6 (in use) COM7 (in use) COM7 (in use) COM6 (in use) COM6 (in use) COM7 (in use) COM6 (in use) COM7 (in use) COM7 (in use) COM7 (in use) COM6 (in use) COM7 (in u	OK Cancel Defaults				
Receive (Bytes): 4096					
Transmit (Bytes):					
BM Options					
Select lower settings to correct response problems.					
Latency Timer (msec): 16					
Miscellaneous Options					
Minimum Read Timeout (msec): 0 Serial Enumerator Consection					
Minimum Write Timeout (msec): 0 Event On Surprise Removal Set RTS On Close					

Click "OK" to save all of the changes. You can verify that repeating the steps through the Control Panel chose the correct COM Port. If you are unsure, follow the steps once more outlined above.

You are now ready to use the BrainMaster Software and hardware.