

ThunderMax[®] TMaxI Tuner Software USB Driver Installation Guide for Windows[®] Operating Systems

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The ThunderMax EFI controller is not legal for use or installation on motor vehicles operated on public highways in the State of California or other States where similar emission control laws may apply.

The user shall determine suitability of the product for his or her use. The user shall assume all risk and liability in violation of regulations and any incurred financial obligations due to vehicle inspections or emissions tests.

Email Technical Questions to: <u>ProductSupport@ZippersPerformance.com</u>

IMPORTANT NOTE:

Not all PCs will recognize "New Hardware" automatically (in this case the USB connection required for communicating to the ThunderMax Module). In the event that your PC does not initiate the New Hardware installation, the following steps are required.

With the Run switch ON and the Ignition switch OFF

- 1) Close all programs open on your PC except for TMax_Tuner. Minimize the TMax_Tuner software if necessary.
- 2) From the <u>Start</u> menu, Right Click once on:
 - a) My Computer (XP) or
 - b) Computer (Windows 7 & Vista).
- 3) From the drop down menu that appears, Left Click once on Properties.
- 4) A window named **System Properties** will appear.
 - a) XP Users: Left Click once on the <u>Hardware</u> tab and then select <u>Device</u> <u>Manager</u>
 - b) Windows 7 & Vista Users: Select <u>Device Manager</u> directly from the upper left of the <u>System Properties</u> window.
- 5) With the <u>Device Manager</u> window open, switch the motorcycle's ignition switch ON and watch for the *"Unknown Device"* or *"USB Device"* to appear (with a yellow exclamation mark !) in <u>Device Manager</u>.
- Double Click on this "Unknown Device". When the next window opens, select <u>Update</u> Driver, <u>Install</u> Driver or <u>Re-install</u> Driver, which ever appears.
- 7) From this point on, use the instructions provided in the following guides for your specific Windows operating system to locate and select the TMax USB Driver for installation. The order of the initial windows that appear in the guides can vary from PC to PC. All possible views have been included for reference.

USB Port Note:

Remember to use the same USB port on your PC to connect each time to the ThunderMax module. To use alternate USB ports, the driver installation process must be repeated for each additional USB port. This is a Windows® requirement and is not related to the TMaxI_Tuner software or USB driver.

www.Thunder-Max.com

ThunderMax[®] TMaxI Tuner Software USB Driver Installation Guide for Windows[®] XP[®]

The new TMaxI Tuner software for the ThunderMax Throttle by Wire EFI system contains a folder with the correct drivers for the USB interface. Follow the step by step instructions below to locate and install the correct driver.

The following instructions are for Windows XP.

<u>Step 1.</u> Connect the communication cable to your PC and to the ThunderMax module. With the Run switch and ignition switch in the "ON" position, the following "Found New Hardware Wizard" window will appear. Select "No, not at this time" and click Next to proceed.



<u>Step 2.</u> Choose "Install from a list or specific location (Advanced)" and click Next as shown on the next window.

Found New Hardw	vare Wizard
	This wizard helps you install software for: USB Device If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do? Install the software automatically (Record Ended) Install from a list or specific location (Advanced) Click Next to continue.
	< <u>B</u> ack <u>N</u> ext > Cancel

<u>Step 3.</u> In the next window, select the options shown below and click "Browse" to locate the folder that contains the USB driver.

Please choose your search and installation option	s.
Search for the best driver in these locations.	
Use the check boxes below to limit or expand the de paths and removable media. The best driver found w	fault search, which includes local jill be installed.
Search removable <u>m</u> edia (floppy, CD-ROM)	
Include this location in the search:	
C:\Program Files\Thunder Heart\TMaxITuner	r\TMax 🔽 🛛 🛛 🖉
O Don't search. I will choose the driver to install.	
Choose this option to select the device driver from a the driver you choose will be the best match for your	list. Windows does not guarantee that hardware.
	: <u>N</u> ext > Cancel

<u>Step 4.</u> Once the "Browse" option is selected, the following windows will appear where you'll choose the path to the driver. Starting with "**My Computer**", the path is as follows:

C:\Program Files \ Thunder Heart \ TMaxI_Tuner \ TMaxUsbDriver

Open My Computer and then open Local Disk (C:) and scroll down to Program Files.



(2) Open **Program Files** and scroll down to **Thunder Heart**.

Browse For Folder	? 🗙
Select the folder that contains drivers for your hardwar	e.
🖃 🥯 Local Disk (C:)	^
🗀 5ce56658d70c1ae335c5bb3575	
🗉 🛅 56b4062ee3aec31643db485dca3089	
표 🚞 4410413b3048297d8e31da2349	
🗉 🧰 backup	-
🖽 🛅 dell	
🗉 🚞 Documents and Settings	
🗉 🧰 drivers	
🗷 🧰 i386	
MDT	
🕀 🗁 Program Files	~
To view any subfolders, click a plus sign above.	-
OK	

(3) Open **Thunder Heart** and scroll down to **TMaxI_Tuner**.



(4) Open **TMaxI_Tuner** and scroll down to **TMaxUsbDriver**.



(5) Select TMaxUsbDriver and click OK.

Browse For Folder	? 🗙
Select the folder that contains drivers for your hardwa	are.
🗄 🧰 SmartLinkIVTmax50State	^
표 🧰 SmartLinkIVZippers	
🖃 🧰 TMaxITuner	
🗄 🧰 BaseMaps	
C Docs	
Windows Media Connect 2	
🗉 🦲 Windows Media Player	-
🗉 🦳 Windows NT	
🕀 🦳 xerox	
E C Yabool	
	~
To view any subfolders, click a plus sign above.	
OK Canc	el

(6) The following window will re-appear where you'll select "Next".

Please choose your search and installation options.
⊙ Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM)
✓ Include this location in the search:
C:\Program Files\Thunder Heart\TMaxITuner\TMax 💙 🛛 🛛 🛛 🛛 🛛 🖉
Don't search. I will choose the driver to install. Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back Next > Cancel

<u>Step 5.</u> Windows may display the following message, warning that this software has not passed their testing. There is no danger in using this driver. Select "Continue Anyway".

Hardy	ware Installation
1	The software you are installing for this hardware:
_	Tmax USBSER Driver
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway

<u>Step 6.</u> The following window will be displayed while the driver is installing.



<u>Step 7.</u> Once the installation has completed successfully, the window below will appear. Select "Finish" to complete the installation. You will now be able to link to the ThunderMax module.



If any problems are encountered, reinstall the driver by following these instructions – starting at **Step 1**. If additional assistance is needed, contact *Zippers Product Support* at:

ProductSupport@ZippersPerformance.com

Call (410) 579-2828 ext. 120. Monday thru Friday, 9am to 6pm EST

ThunderMax[®] TMaxI Tuner Software USB Driver Installation Guide for Windows[®] Vista[®]

The new TMaxI Tuner software for the ThunderMax Throttle by Wire EFI system contains a folder with the correct drivers for the USB interface. Follow the step by step instructions below to locate and install the correct driver.

The following instructions are for Windows Vista.

<u>Step 1.</u> Connect the communication cable to your PC and to the ThunderMax module. With the Run switch and ignition switch in the "ON" position, the following "Found New Hardware" window will appear. Select "Locate and install driver software (recommended)" to proceed.



<u>Step 2.</u> Select "Browse my computer for driver software (advanced)" as shown below.



<u>Step 3.</u> In the next window select "Browse" to locate the folder that contains the USB driver. Be sure to check the box "Include subfolders".

		E
🧯 🧕 Found New Hardware - Unknown Device		
Browse for driver software on your computer		
Search for driver software in this location:	•	
C:\RinDrivers	Browse	
Include subfolders		

<u>Step 4.</u> Once the "Browse" option is selected, the following windows will appear where you'll choose the path to the driver. Starting with "**Computer**", the path is as follows:

C:\Program Files \ Thunder Heart \ TMaxI_Tuner \ TMaxUsbDriver

(1) Open **Computer** then open (C:) and scroll down to **Program Files**.

RedShiftCams	
Þ 📗 Public	
Computer	
> 💒 OS (C:)	=
> C RECOVERY (D:)	
DVD RW Drive (E:)	
D _ UDISK (F:)	
Network	

(3) Open Thunder Heart and scroll down to TMaxI_Tuner.



(2) Open **Program Files** and scroll down to **Thunder Heart**.

Þ	EFI EFI	~
Þ	Intel	_
	logs	
Þ	PerfLogs	
4	Program Files	
D	🎍 Adobe	
Þ	🎉 Apple Software Update	
Б	AudieTech	-

(4) Open TMaxI_Tuner and scroll down to <u>select</u> TMaxUsbDriver and click OK.



<u>Step 5.</u> The following window will appear confirming the chosen path for your computer, to find the correct driver. Select "Next" to continue.

Update Driver Software - SigmaTel High Definition Audio CODEC	
Browse for driver software on your computer	
Search for driver software in this location:	
C:\Program Files\Thunder Heart\TMaxITuner\TMaxUsbDriver Browse	
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

<u>Step 6.</u> Windows will display the following message showing the name and publisher of the driver. Select "Install" to continue.



<u>Step 7.</u> The window below will appear as the driver is being installed.



Step 8. The following window will appear once the driver is successfully installed. Select "Close" to complete the installation. You will now be able to link to the ThunderMax module.

	X
🕞 🧯 Found New Hardware - Tmax USBSER Driver (COM6)	
The software for this device has been successfully installed	•
Windows has finished installing the driver software for this device:	
Tmax USBSER Driver	
	lose

If any problems are encountered, reinstall the driver by following these instructions – starting at **Step 1**. If additional assistance is needed, contact *Zippers Product Support* at:

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ThunderMax[®] TMaxI Tuner Software USB Driver Installation Guide for Windows[®] 7[®]

The new TMaxI Tuner software for the ThunderMax Throttle by Wire EFI system contains a folder with the correct drivers for the USB interface. Follow the step by step instructions below to locate and install the correct driver.

The following instructions are for Windows 7.

<u>Step 1a.</u> Connect the communication cable to your PC and to the ThunderMax module. With the Run switch and ignition switch in the "ON" position, the following window will appear. Select "Browse my computer for driver software" to proceed.



Step 1b. The following window will appear next. Make sure that the check box is selected to "Include Subfolders". Click the "Browse" button to choose the path to the USB Driver.

		×
0	Update Driver Software - SigmaTel High Definition Audio CODEC	
	Browse for driver software on your computer	
	Search for driver software in this location:	
	C:\Program Files\Thunder Heart\TMaxITuner\TMaxUsbDriver Browse	
	Include subfolders	
	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 Car	ncel

<u>Step 2.</u> Once the "Browse" option is selected, the following windows will appear where you will choose the path to the driver. Starting with "**Computer**", the path is as follows:

C:\Program Files (x86) \ Thunder Heart \ TMaxI_Tuner \ TMaxUsbDriver

- (1) Left Click once on the arrow head to the left of "**Computer**" to <u>open</u> and view the subfolders.
- (2) Under Computer, Left Click once to open the "(C:)" drive next.

Browse For Folder	—
Select the folder that contains drivers for your hardwa	are.
D 🦰 Libraries	
Nonegroup	
DanF	E
▷ Sa Network	
b Shows the disk drives and hardware connect	ted to this
D 🖟 old desktop	Ŧ
Eolder: Computer	
OK Canc	el

Browse For Folder	×
Select the folder that contains drivers for your hards	ware.
Þ 🚺 DanF	*
a 🖳 Computer	
🛛 🚢 Gateway (C:)	=
🛛 🔐 DVD RW Drive (D:)	
DISK (E:)	
D 🕎 Secure (\\SERVER1) (Z:)	
🛛 🗣 Network	Ŧ
Eolder: Computer	
OK Car	n cel

(3) Open "**Program Files**" and then open the "**Thunder Heart**" folder.

(4) Under the "Thunder Heart" folder, find and open the "TMaxI_Tuner" folder.

Browse For	Folder	×	
Select the	folder that contains drivers for your hardwar	e.	
⊳	퉬 Windows Sidebar	^	
	퉬 Windows XP Mode		
4 🍌 Program Files (x86)			
⊳	퉬 Adobe		
⊳	\mu AMD		
⊳	AOL	-	
•			
Eolder:	TMaxI_ThunderHeart2009_0_19		
	OK Cancel		



(5) Under "TMaxI_Tuner", find and <u>select</u> the "TMaxUsbDriver" folder and click OK as illustrated below.

Browse For Folder	×
Select the folder that contains drivers for your hardwa	re.
ImaxIThunderHeart	~
- MaxITuner	
BaseMaps	
Docs 📔	
Description of the second s	
TMaxUsbDriver	-
< III I	
Eolder: TMaxUsbDriver	
OK Cance	

<u>Step 3.</u> The following window will appear, confirming the chosen path for your computer to find the correct driver. Select "Next" to continue.

9	Update Driver Software - SigmaTel High Definition Audio CODEC
	Browse for driver software on your computer
	Search for driver software in this location:
	C:\Program Files\Thunder Heart\TMaxITuner\TMaxUsbDriver
	Include subfolders
	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.
	<u>N</u> ext Cancel

<u>Step 4.</u> Windows will display the following message showing the name and publisher of the driver. Select "Install" to continue.



<u>Step 5.</u> The message below will appear to verify that the driver installation was successful. You can now select "Close" to finish. Open TMax Tuner software and the software will automatically "Link" to the ThunderMax module with the bike turned ON.

	—	
Update Driver Software - Tmax USBSER Driver (COM13)		
Windows has successfully updated your driver software		
Windows has finished installing the driver software for this device:		
Tmax USBSER Driver		
	Close	

If any problems are encountered, reinstall the driver by following these instructions – starting at **<u>Step 1</u>**. If additional assistance is needed, contact *Zippers Product Support* at:

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