TMS-4 Software Install



System requirements

Operating System: Windows 2000, WindowsXP

CPU:	Pentium 600MHz minimum required. 1GHz or higher processor
	clock speed recommended.
RAM:	256MB minimum required. 512MB or higher recommended.
HDD: 100MB of available space to install TMS software	
	25GB of available space to store up to 50,000 Exams.
CD-ROM drive:	Required to install the Software and Calibration data
Parallel Port:	ECP supported Parallel port required.

MDAC: The latest version required.

(Microsoft Data Access Components)

Step1:Setup Drivers

TMS-4 driver should be installed, prior to installing TMS software. Select your Operating System and follow the instructions.



WindowsXP Go to the page 11

This part shows you how to install TMS software with Windows XP

Windows2000

- 1 Start Windows2000 operated PC (Log in as Administartors)
- 2 Insert TMS-4 Software CD-ROM onto CD-ROM drive
- **3** Right click on "MyComputer", select "Properties" to show the system properties.



4 Click on Hardware tab and click Device Manager... to go to Device Manager

System Properties	? ×				
General Network Identification Hardware User Profiles Advanced					
Hardware Wizard					
The Hardware wizard helps you install, uninstall, repair, unplug, eject, and configure your hardware.					
Hardware Wizard					
Device Manager					
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.					
Driver <u>Signing</u> <u>D</u> evice Manager	Driver <u>S</u> igning <u>D</u> evice Manager				
Hardware Profiles					
Hardware profiles provide a way for you to set up and store different hardware configurations.					
Hardware <u>P</u> rofiles					
OK Cancel App	dy				

5 Double Click "Ports (COM & LPT)" and check there is "ECP Printer Port (LPT1)"



Note

-When the port is NOT setup as ECP Printer Port, please refer to the operating manual of your PC or ask the dealer for help.

-When LPT1 (or the port that is connected with TMS-4) is not setup as ECP, TMS-4 does not work normally.

-The Paralell port on your PC may be occupied by normal printer. Though the printer is connected through TMS-4 output port, it is not available to use TMS-4 and printer at the same time.

-Universal Serial Bus (USB) port is recommended to use both TMS-4 and Printer with the same PC

6 Double click "ECP Printer Port (LPT1)" and show "Properties Click UpDate Driver... button in "Driver" tab

ECP Printer Port (LPT1) Properties			<u>?</u> ×	
General	Port Settings Driv	er Resources		
Į	ECP Printer Port (LPT1)			
	Driver Provider:	Microsoft		
	Driver Date:	11/14/1999		
	Driver Version:	5.0.2183.1		
	Digital Signer:	Microsoft Window	vs 2000 Publishe	ir 🔰
To view Details. the drive	details about the dr To uninstall the driv er files for this device <u>Driver Details</u>	iver files loaded for er files for this devir e, click Update Driv <u>U</u> ninstall	this device, click ce, click Uninstal /er. Ugdate	< Driver I. To update e Driver
			ок	Cancel

Follow the instruction of "Upgrade Device Driver Wizard". See following instructions with pictures.



Upgrade Device Driver Wizard			
Install Hardware Device Drivers A device driver is a software program that enables a hardware device to work with an operating system.			
This wizard upgrades drivers for the following hardware device:			
Upgrading to a newer version of a device driver may add functionality to or improve the performance of this device.			
Search for a suitable driver for my device (recommended)			
Display a list of the known drivers for this device so that I can choose a specific driver			

Upgrade Device Driver Wizard	
Select a Device Driver Which driver do you want to install for this d	evice?
Select the manufacturer and model of you have a disk that contains the driver you v	ur hardware device and then click Next. If you vant to install, click Have Disk.
Mo <u>d</u> els: ECP Printer Port	Click
 Show <u>compatible hardware</u> Show <u>all hardware of this device class</u> 	<u>H</u> ave Disk
	< <u>B</u> ack <u>N</u> ext > Cancel



Install Fro	om Disk
-	Insert the manufacturer's installation disk into the drive OK selected, and then click OK. Cancel
	Selcet "CD-ROM drive" – "Driver" – "Windows2000" – "others"
	Copy manufacture's 61
	E:¥Driver¥Windows2000¥other <u>B</u> rowse

Sele \	ct a Device Driver Which driver do you want to install for this device?
Ĵ	Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
4o <u>d</u> els: TMS4	Port Driver
	Click Have Disk

opgrade bettee britter mizard	
Start Device Driver Installation The device driver will be installed with the default settings.	
The wizard is ready to install the driver for the following hardware TMS4 Port Driver Windows will use default settings to install the software for this ha install the software for your new hardware, click Next.	edevice: ardware device. To
Click < <u>B</u> ack	Next> Cancel



TM54 Port	Driver (LPT1) Pr	operties	Ľ
General	Port Settings Driv	ver Resources	_,
Ţ	TMS4 Port Driver	(LPT1)	
	Driver Provider:	Creative Design Inc.	
	Driver Date:	Not available	
	Driver Version:	1.0.0.1	
	Digital Signer:	Not digitally signed	
To view Details, the drive	details about the dr To uninstall the driv er files for this device	river files loaded for this device, click Driver er files for this device, click Uninstall. To update e, click Update Driver.	
		Click	
<u> </u>	<u>D</u> river Details	Update Driver	
		Close Cancel	



7 When coming back to "Device Manager", please make sure that the Ports (COM & LPT) settings looks like shown above picture.

This is all for the TMS-4 driver setup.



WindowsXP

- 1 Start WindowsXP (Log in as "Administartor")
- 2 Insert TMS-4 Software CD-ROM onto CD-ROM drive
- **3** Right click on "MyComputer", select "Properties" to show the system properties.

Administrator		
Internet Internet Explorer	My Documents	
MSN Explorer	My Recent Documents My Pictures	
Windows Media Player	🤔 My Music	
Windows Movie Maker	🗾 My Computer	Onen
Tour Windows XP	Control Panel	Explore Search Manage
Files and Settings Transfer Wizard	A miners and taxes	Map Network Drive
WordPad	Search	Show on Desktop Rename
All Programs 🕨	707 Run	Properties
Z	🛛 Log Off 🛛 💽 Turn Off C	omputer
🟭 start		

4 Click on Hardware tab and click Device Manager... to go to Device Manager

System Pro	perties			? 🔀	
System	Restore A	utomatic	Updates	Remote	
General	ral Computer Name Hardware Advanced				
Add Hard	Add Hardware Wizard The Add Hardware Wizard helps you install hardware.				
		(Add <u>H</u> ardware	Wizard	
- Device M	fanager				
	The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.				
	Driver <u>S</u> igning <u>D</u> evice Manager				
Hardware	e Profiles				
R	Hardware profiles provio different hardware confi	de a way iguration:	for you to set up a s.	nd store	
		(Hardware <u>P</u> r	ofiles	
		OK	Cancel		

5 Double Click "Ports (COM & LPT)" and check there is "ECP Printer Port (LPT1)"



Note

-When the port is NOT setup as ECP Printer Port, please refer to the operating manual of your PC or ask the dealer for help.

-When LPT1 (or the port that is connected with TMS-4) is not setup as ECP, TMS-4 does not work normally.

-The Paralell port on your PC may be occupied by normal printer. Though the printer is connected through TMS-4 output port, it is not available to use TMS-4 and printer at the same time.

-Universal Serial Bus (USB) port is recommended to use both TMS-4 and Printer with the same PC

6 Double click "ECP Printer Port (LPT1)" and show "Properties Click UpDate Driver... button in "Driver" tab

ECP Printer Port (LPT1) Properties
General Port Settings Driver Resources
ECP Printer Port (LPT1)
Driver Provider: Microsoft
Driver Date: 7/1/2001
Driver Version: 5.1.2600.0
Digital Signer: Microsoft Windows XP Publisher
Driver Details To view details about the driver files.
Update Driver To update the driver for this device.
<u>Roll Back Driver</u> If the device fails after updating the driver, roll back to the previously installed driver.
Uninstall To uninstall the driver (Advanced).
OK Cancel

Follow the instruction of "Upgrade Device Driver Wizard". See following instructions with pictures.



	Hardware Update Wizard
	Please choose your search and installation options.
	\bigcirc 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:
	E:¥ Scowse
	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
3 ①	Select the driver you choose will be the best match for your hardware.
	< <u>B</u> ack <u>N</u> ext > Cancel

Hardware Update Wizard
Select the device driver you want to install for this hardware.
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Show compatible hardware
Model
ECP Printer Port Click
This driver is digitally signed. <u>Tell me why driver signing is important</u>
< <u>B</u> ack <u>N</u> ext > Cancel

Install F	rom Disk	
F	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	<u>C</u> opy manufacturer's files from:	Click
	A.¥	Browse

Install F	rom Disk 🛛 🛛 🕅
Ŀ	Insert the manufacturer's installation disk, and then OK make sure that the correct drive is selected below.
	Go to "CD-ROM Drive" - "Driver" – "WindowsXP" - "Other"
	Copy manufacturer's Free Browse

Hardware Update Wizard	
Select the device driver you want to ins	stall for this hardware.
Select the manufacturer and model of you have a disk that contains the driver you was show compatible hardware	our hardware device and then click Next. If you want to install, click Have Disk.
Model	
TMS4 Port Driver	
This driver is not digitally signed! <u>Tell me why driver signing is important</u>	Click Have Disk
	< <u>B</u> ack <u>N</u> ext > Cancel



Hardware Update Wizard	
	Completing the Hardware Update Wizard
	The wizard has finished installing the software for:
	TMS4 Port Driver
	Click
	Click Finish to close the wizard.
	< <u>B</u> ack Finish Cancel

TMS4 Port Driver (LP	r1) Pro	perties			? 🗙	
General Port Settings	Driver	Resources				
TMS4 Port Driv	er (LPT1)				
Driver Provider	: Crea	ative Desig	n Inc.			
Driver Date:	6/12	2/2002				
Driver Version:	5.1.3	2600.0				
Digital Signer:	Not	digitally sig	ned			
Driver Details	To vie	w details at	pout the driver	files.		
U <u>p</u> date Driver	Тоирс	date the driv	ver for this dev	vice.		
Roll Back Driver	lf the d back to	levice fails o the previo	after updating ously installed	the driver, ro driver.	ll	
<u>U</u> ninstall	To unii	nstall the di	iver (Advance	:d).	Click	
			Close		ancel	



7 When coming back to "Device Manager", please make sure that the Ports (COM & LPT) settings looks like shown above picture.

This is all for the TMS-4 driver setup.

Please move on to Step2 TMS-4 Software Install

Step2:TMS-4 Software Install

In this step, TMS-4 software will be installed into your PC.

1 "SetupTms.EXE" from CD-ROM included with the product.





🛃 Installation Complete		×
	TmsSw(TMS-4) has been successfully installed.	
	Press the Finish button to exit this installation.	
	Click	-
	< <u>pack</u> <u>Linisn ></u> Lancel	

Insta	1	×
T in ci w	his system must be restarted to complete the stallation. Press the OK button to restart this omputer. Press Cancel to return to Windows ithout restarting.	
	Cancel	
	Click	

2 Click "OK" and restart the system, when you are promoted to do so. This process is important to enable setup with drivers and TMS software.

Step3:VKS Calibration Table Install

1, After rebooting Widnows, turn on the TMS-4 main switch and wait until the unit completes initialization. (After completing, the alignment monitor will be into power saving mode)

2, Select "VKS Table Import" from "Utilities".



3, Insert TMS CD-ROM into CD-ROM Drive and select the drive from above menu. Select "VKSTBL0.BLK" file from the serial number folder and press "OK".

This is the end of all Setup



