X-Rite, Inc.

USB Driver Installation Instructions

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X-Rite USB Driver Installation

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Windows Vista: Automatic installation

User has never installed any X-Rite USB device and is using the Unified Drivers.

Copy the drivers folder into C:\Windows\inf folder. When you plug the instrument the following dialog may pop up after a few seconds:



Select "locate and install driver software".



Click Install



Click close. You are now ready to use the instrument.

Windows Vista: Manual installation

User has never installed any X-Rite USB device.

Although you do not need to look at the device manager to perform a first time install, you can verify that the system does not already have an X-Rite USB device installed. To view the device manager, right click on the My Computer icon on the desktop, select Properties, select "Device manager". If you expand the Universal Serial Bus controller's section you will not find the any X-Rite USB device(s) listed if this system has no X-Rite USB device(s).



Plug in the X-Rite device you wish to use, such as an X-Rite DTP94 (monitor calibrator instrument).



Select "locate and install driver software".

If you encounter a dialog box called "Windows needs your permission to continue..." click continue

🔰 Driver Software Installation	
Installing device driver softw	vare
Unidentified Device X-Rite DTP94	Device unplugged Searching Windows Update
	Close

The search may take several minutes.



You won't see this dialog box if the system finds the driver automatically. If it does appear, then click on "I don't have the disc. Show me other options."



Then select "Browse my computer for driver software"

G I Found New Hardware - X-Rite DTP94	
Browse for driver software on your computer	
Search for driver software in this location:	
C:\Windows\inf	B <u>r</u> owse
✓ Include subfolders	
	Next Cancel

Select the location where your driver has been copied. Then click "Next"

Windows Security
Would you like to install this device software?
Name: X-Rite Universal Serial Bus controllers Publisher: X-Rite Incorporated
Always trust software from "X-Rite Incorporated".
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

Click "Install".



Click Close. Although you do not have to view the Device Manager after installation, if you do you will see the device you just installed has been added to the Universal Serial Bus controller's section.

🚔 Device Manager	
<u>File Action View H</u> elp	
🔶 🧼 🔟 📓 📓 🔜 🛝 🔛 🎼 🚱	
Display adapters DVD/CD-ROM drives Floppy disk drives Floppy drive controllers DE ATA/ATAPI controllers Keyboards Monitors Network adapters Network adapters PCI Input Device PCI Simple Communications Controller POTable Devices Ports (COM & LPT) Processors Sound, video and game controllers Storage controllers System devices Universal Serial Bus controllers Juniversal Host Controller - 2442 Juniversal Host Controller - 2444 JUSB Mass Storage Device JUSB Root Hub JUSB Root Hub JUSB Root Hub JUSB Root Hub JUSB Root Hub	E

Windows 2000/XP: First time install

User has never installed any X-Rite USB device.

Although you do not need to look at the device manager to perform a first time install, you can verify that the system does not already have an X-Rite USB device installed. To view the device manager, right click on the My Computer icon on the desktop, select Properties, select the Hardware tab, and finally select Device Manager. If you expand the Universal Serial Bus controller's section you will not find the any X-Rite USB device(s) listed if this system has no X-Rite USB device(s).



Plug in the X-Rite device you wish to use, such as an X-Rite DTP92 (monitor calibrator instrument).

Found New Hardware Wizard				
	Welcome to the Found New Hardware Wizard This wizard helps you install a device driver for a hardware device.			
	To continue, click Next.			
	<back cancel<="" td=""></back>			

Select Next.

Found New Har	dware Wizard
Install Hard A device an opera	dware Device Drivers e driver is a software program that enables a hardware device to work with ating system.
This wize	ard will complete the installation for :his device: DTP92-USB Monitor Optimizer
A device needs di installatio What do	edriver is a software program that makes a hardware device work. Windows iver files for your new device. To locate driver files and complete the on click Next. 9 you want the wizard to do?
⊙ <u>p</u>	earch for a suitable driver for my device (recommended) isplay a list of the known drivers for this device so that I can choose a specific
a	< <u>B</u> ack <u>N</u> ext> Cancel

Leave the Recommended option selected. Insert the X-Rite application's setup media in the appropriate device. Typically this will be on CD-ROM. Select Next.

und New Hardware Wizard	
Locate Driver Files Where do you want Wind	dows to search for driver files?
Search for driver files lor I	the following hardware device:
	onitor Optimizer
The wizard searches for s any of the following option	suitable drivers in its driver database on your computer and in nal search locatiors that you specify.
To start the search, clck insert the floppy disk cr C	Next. If you are searching on a floppy dsk or CD-ROM drive, D before clicking Next.
Optional search location	ε:
Floppy <u>disk</u> drives	
CD-ROM drive:	
Specify a locaton	
Microsoft Window	s Update
	< <u>B</u> ack Next > Cancel

Verify that the correct checkbox is selected for the setup media that you inserted. Typically this will be the CD-ROM drive. All other checkboxes should be un-checked. Select Next.

Found New Hardware Wizard
Driver Files Search Results The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
DTP92-USB Monitor Optimizer
Windows found a driver for this device. To install the driver Windows found, click Next.
g:\xrusb.inf
< <u>B</u> ack <u>Next</u> Cancel

Select Next.



Click Finish. Although you do not have to view the Device Manager after installation, if you do you will see the device you just installed has been added to the Universal Serial Bus controller's section.

🚇 Device Manager		
📙 Action View 🗍 🖛 =	• 🛍 🗉 😫] 🛃	
	ves pliers ; ontrollers pinting devices ;) ontrollers l game controllers us controllers 3/EB PCI to USB Universal Host C	Controller

Windows 2000/XP: Driver Update

User has previously installed other X-Rite USB device(s).

View the device manager by right clicking on the My Computer icon on the desktop, select Properties, select the Hardware tab, and finally select Device Manager. Expand the Universal Serial Bus controller's section to find the X-Rite USB device(s) on this system. Select the device for which you wish to update the driver, then right click and select properties.

X-Rite USB	3 monitor optim	izer driver. Prope	rties	<u>? ×</u>	
General	Driver				
¢	K-Rite USB monitor optimizer driver.				
	Device type:	Universal Serial B	us controllers		
	Manufacturer:	X-Rite			
	Location:	USB Device			
This If you start	device is working p are having proble the troubleshooter.	properly. ms with this device, i	click Troublesh	ooter to	
Device usage: Use this device (enable)					
			ОК	Cancel	

Click the Driver tab.

X-Rite USE	3 monitor optimi	zer driver. Prop	erties	<u>?</u> ×
General	Driver			
¢	X-Rite USB monit	or optimizer driver.		
	Driver Provider:	Unknown		
	Driver Date:	Not available		
	Driver Version:	Not available		
	Digital Signer:	Not digitally sign	ned	
To view Details. the drive	Driver Details	river files for this dev er files for this dev e, click Update Di <u>U</u> ninstal	or this device, cl vice, click Unins river.	ick Driver tall. To update
			OK	Cancel

Select Update Driver...

Upgrade Device Driver Wizar	d
	Welcome to the Upgrade Device Driver Wizard This wizard helps you upgrade a device driver for a hardware device.
	To continue, click Next. < Back Next > Cancel

Select Next.

ograde Dev	vice Driver Wizard
install H A dev an op	ardware Device Drivers vice driver is a software program that enables a hardware device to work with verating system.
This v	vizard upgrades drivers for the following hardware device:
÷	X-Rite USB monitor optimizer driver.
Upgra perfor	ading to a newer version of a device driver may add functionality to or improve the mance of this device.
What	do you want the wizard to do?
(•	Search for a suitable driver for my device (recommended)
C	Display a list of the known drivers for this device so that I can choose a specific driver
	< <u>B</u> ack <u>N</u> ext > Cancel

Select Next.

pgrade Device Driver Wizard	
Locate Driver Files Where do you want Windows to search for c	driver files?
Search for driver files lor the following hardw	are device:
X-Rite USB monitor optimizer driver	i.
The wizard searches for suitable drivers in its any of the following optional search locations	driver database on your computer and in states that you specify.
To start the search, clck Next. If you are sea insert the floppy disk cr CD before clicking N	arching on a floppy dsk or CD-ROM drive, ext.
Optional search locations:	
Floppy disk drives	
CD-ROM drive:	
Specify a location	
Microsoft Windows Update	
	< <u>B</u> ack <u>N</u> ext > Cancel

Verify that the correct checkbox is selected for the setup media that you inserted. Typically this will be the CD-ROM drive. All other checkboxes should be un-checked. Select Next.

Upgrade Device D	river Wizard
Driver Files S The wizard	earch Results has finished searching for driver files for your hardware device.
The wizard f	iound a driver for the following device:
×	Rite USB monitor optimizer driver.
Windows fo To install the	und a driver that is a closer match for this device than your current driver. e driver Windows found, click Next.
(\winnt\inf\oem0.inf
The wizard these drivers Next.	also found other drivers that are suitable for this device. To view a list of s or install one of these drivers, select the following check box, and then click
🔽 Install or	ne of the other drivers
	< <u>B</u> ack <u>N</u> ext > Cancel

Verify that the 'Install one of the other drivers' checkbox is selected. Select Next.

Image: Triver Files Found Which driver do you want to install ? Image: X-Rite USB monitor optimizer driver. Windows found the following drivers which are suitable for this device. To install one of these drivers select it from the list and click Next. Image: Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c: \winnt\\inf\\coen1.ir X-Rite DTP92 X-Rite X-Rite g:\xrusb.inf	Invertifies Found Which driver do you want to install ? Image: Second state of the second state of th	Wer Files Found Which driver do you want to install ? Windows found the following drivers whithese drivers select it from the list and cl Description F X-Rite USB monitor optimizer driver. X-Rite USB monitor optimizer driver.	driver. ich are s ick Next. Provider ↓	uitable for this d Manufacturer X-Rite	evice. To install one of Location c:\winnt\inf\oem1.inf
X-Rite USB monitor optimizer driver. Windows found the following drivers which are suitable for this device. To install one of these drivers select it from the list and click Next. Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite DTP92 X-Rite R-Rite gr\xrusb.inf	X-Rite USB nonitor optimizer driver. Windows found the following drivers which are suitable for this device. To install one of these drivers select it from the list and click Next. Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.inf X-Rite DTP92 X-Rile X-Rite g.\xrusb.inf	X-Rite USB monitor optimizer of Windows found the following drivers whi these drivers select it from the list and cl Description F X-Rite USB monitor optimizer driver. X-Rite DTP92	driver. ich are s ick Next. Provider «Rile	uitable for this d Manufacturer X-Rite	evice. To install one of Location c:\winnt\inf\oem1.inf
Windows found the following drivers which are suitable for this device. To install one of these drivers select it from the list and click Next. Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.ir X-Rite DTP92 X-Rite g:\xrusb.inf	Windows found the following drivers which are suitable for this device. To install one of these drivers select it from the list and click Next. Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.inf X-Rite DTP92 X-Rile X-Rite g:\xrusb.inf	Windows found the following drivers wh these drivers select it from the list and cl Description F X-Rite USB monitor optimizer driver. X-Rite DTP92	ich are s ick Next. Provider K-Rite	uitable for this d Manufacturer X-Rite	evice. To install one of Location c:\winnt\inf\oem1.inf
Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.ir X-Rite DTP92 X-Rite g:\xrusb.inf	Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.inf X-Rite DTP92 X-Rite x-Rite g:\xrusb.inf	Description F X-Rite USB monitor optimizer driver. X-Rite DTP92	Provider K-Rile	Manufacturer X-Rite	Location c:\winnt\inf\oem1.inf
Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.ir X-Rite DTP92 X-Rite g:\xrusb.inf	Description Provider Manufacturer Location X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.inf X-Rite DTP92 X-Rite g:\xrusb.inf	Description F X-Rite USB monitor optimizer driver. X-Rite DTP92 X	frowder K-Rile	Manufacturer X-Rite	Location c:\winnt\inf\oem1.inf
X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.ii X-Rite DTP92 X-Rite X-Rite g:\xrusb.inf	X-Rite USB monitor optimizer driver. X-Rite c:\winnt\inf\oem1.inf X-Rite DTP92 X-Rite x-Rite g:\wrusb.inf	X-Rite USB monitor optimizer driver. X-Rite DTP92	(-Rile	X-Hite	c:\winnt\inf\oem1.inf
			VITTE	X-Rite	a:\vrush inf
4				Anile	
				< Back	Next> Can

Select the driver from the list that matches the Location from which you just installed the new driver (typically the application setup media on CD-ROM). Note: If this location is not in the list, the reason is that Windows thought that an existing INF file on your system was just as valid as the one that you selected. It is not recommended that you go forward at this point. It is recommended that you cancel the update, delete the offending INF file(s) on your system, and restart the update.

Select Next.



Select Finish.

Although you do not have to view the Device Manager after installation, if you do you will see the device you just updated has been modified in the Universal Serial Bus controller's section.



Windows 98: First time install

User has never installed any X-Rite USB device.

Although you do not need to look at the system properties to perform a first time install, you can verify that the system does not already have an X-Rite USB device installed. To view system properties, right click on the My Computer icon on the desktop, select Properties and select the Device Manager tab. You can then see all the devices currently connected to your computer. If you expand the Universal Serial Bus controller's section you will not find the any X-Rite USB device(s) listed, if this system has no X-Rite USB device(s).

stem Pro	operties	202		<u>1</u>
ieneral	Device Mana	ger Hardware	e Profiles Performa	nce
 Viet 	w devices by <u>t</u> r	vpe ON	/iew devices by <u>c</u> on	nection
	mputer CDROM Disk drives Display adap	ters		
) Floppy disk c) Hard disk co ; Keyboard Monitors	ontrollers ntrollers		
	Mouse Network ada Ports (COM 8	pters (LPT)		
	System devic Universal Se Contel 823 Contel 833 Contel	:es rial Bus controll 71AB/EB PCI t ot Hub	ers o USB Universal Ho	ist Controller
PIO		Refresh	Remove	Pri <u>n</u> t
			Close	Cancel

Plug in the X-Rite device you wish to use, such as an X-Rite DTP92 (monitor calibrator instrument).

Add New Hardware Wi	zard
	This wizard searches for new drivers for: DTP92-USB Monitor Optimizer A device driver is a software program that makes a hardware device work.
	<back next=""> Cancel</back>

Select Next.

What do you want Windows to do?
 Search for the best driver lor your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.

Leave the Recommended option selected. Insert the X-Rite application's setup media in the appropriate device. Typically this will be on CD-ROM. Select Next.

	on your hard drive, and in any of the following selected locations. Click Next to start the search.
	I <u>Eloppy disk drives</u> ✓ <u>C</u> D-ROM drive
	<u>Microsoft Windows Update</u> Specify a location: A:\
~	Browse

Verify that the correct checkbox is selected for the setup media that you inserted. Typically this will be the CD-ROM drive. All other checkboxes should be un-checked.

Add New Hardware Wiz	ard
Add New Hardware Wiz	Ard Windows driver file search for the device: X-Rite USB monitor optimizer driver. Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue. Location of driver: EXAMUSE.INF
	< <u>B</u> ack Next> Cancel

Select Next.

Add New Hardware Wiza	ard
	X-Rite USB monitor optimizer driver. Windows has finished installing the software that your new hardware device requires.
	< Back Finish Cancel

Click Finish.

Although you do not need to look at the system properties after a first time install, if you do you will see that Windows has installed the X-Rite device and has associated a driver with this device on your system.

stem P	roperties			?
General	Device Ma	nager Hardware	Profiles Performa	ance
⊙ Vie	ew devices b	y type 🔿 V	ïew devices by <u>c</u> or	nnection
	omputer CDROM Disk drive Display ac Floppy dis Hard disk Keyboard Monitors Mouse Network a Ports (COI System de Universal Universal	s Japters k controllers controllers dapters M & LPT) vices Serial Bus controll 2371AB/EB PCI t Root Hub	ers o USB Universal Ho	ost Controller
PI	operties	Re <u>f</u> resh	R <u>e</u> move	Pri <u>n</u> t
			Close	e Cancel

Windows 98: Update installation

User has previously installed X-Rite USB device(s).

Right click on the My Computer icon on the desktop, select Properties and select the Device Manager tab. You can then see all the devices currently connected to your computer. Expand the Universal Serial Bus controllers section, you will find all the X-Rite USB device(s) listed (if none are listed you cannot do an update installation, rather you must do a first time install). Select the device you want to update and then click Properties.

stem Properties	? ×
eneral Device Manager Hardware Profiles Performance	
• View devices by type • • • • • • • • • • • • • • • • • • •	
Computer	
I IIII Disk drives IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
 ➡ ➡ Floppy disk controllers ➡ ➡ ➡ Hard disk controllers 	
I ⊕ 🥵 Keyboard I ⊕ 💭 Monitors	
⊕ ™ Network adapters	
Geographic Controllers Geographic Controllers Geographic Controller Geographic Controller Geographic Controller Geographic Controller Geographic Control Controller Geographic Control Contron Control Control Contro Control Control Control Control Control	
Properties Refresh Remove Print	
Close Cano	pel

Click on Remove to remove the X-Rite driver. And unplug the instrument. Then you need to manually remove the following files:

C:\ windows \system32\drivers\xrusb.sys

Plug in the instrument and click on the Refresh button in the system Properties panel, and then click on Properties for the X-Rite USB Instrument.

X-Rite USB monitor optimizer driver. Properties	? ×
General Driver	
X-Rite USB monitor optimizer driver.	
Device type: Universal Serial Bus controllers Manufacturer: X-Rite	
Hardware version: Not available	
Device status	
Device usage	
Disable in this hardware profile	
Exists in all hardware profiles	į
ОК	Cancel

Click the Driver tab.

Rite USB ma	onitor optimizer driver. Properties 🛛 👔 💈
General Drive	er
Kar Kar Kar Kar Kar Kar Kar Kar Kar Kar	ite USB monitor optimizer driver.
Provider:	X-Rite
Date:	5-17-1999
To view detai Driver File De Update Drive	ils about the driver files loaded for this device, click stails. To update the driver files for this device, click r.
	Driver File Details
	OK Cancel
ck Update Dr	river button.
pdate Device	e Driver Wizard
	This missed as each as far on data dutions (



Select Next.

Update Device Driver V	Wizard
	 What do you want Windows to do? Search for a better driver than the one your device is using now. (Recommended) Display a list of all the drivers in a specific location, so you can select the driver you want.
	< <u>B</u> ack Next > Cancel

Leave the Recommended option selected. Insert the X-Rite application's setup media in the appropriate device. Typically this will be on CD-ROM. Select Next.

Update Device Driver V	Vizard Windows will search for updated drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search. ✓ Eloppy disk drives ✓ CD-ROM drive ✓ Microsoft Windows Update ✓ Specify a location: ✓
	Browse <u> </u>

It is important to note here that you must make sure that the previous application setup media not be in a logical drive on your computer right now. Typically this would not be a problem as users do not normally have multiple CD-ROM drives so they could have the old and new application setup media both connected to the computer at the same time. However if this is the case, remove the previous application setup media from your computer before proceeding.



Leave the Recommended option selected. Select Next.

Update Device Driver V	Vizard
	Windows driver file search for the device: X-Rite DTP92 Windows is now ready to install the best driver for this device. Click Black to select a different driver, or click Next to continue. Location of driver: A:\XRUSB.INF

The location of the driver must match the location of your application's setup media. Select Next. Windows will rebuild the driver database files (this may take a little time).

Update Device Driver \	√izard
	X-Rite DTP92 Windows has finished installing an updated driver for your hardware device.
	< Back Finish Cancel

Click Finish.

X-Rite DTP	92 Prop	perties			? ×
General	Driver				
Ŷ	X-Rite D	TP92			
Provider:		X-Rite			
Date:		7- 5-2001			
To view (Driver File Update D	details ab e Details.)river.	out the drive To update	r files loade the driver fil	d for this de	evice, click levice, click
		<u>D</u> river File D	etails	<u>U</u> pda	ite Driver
				Close	Cancel

Click Close.

System Properties	? ×
General Device Manager Hardware Profiles Performance	
• View devices by type • • • • • • • • • • • • • • • • • • •	
 Computer CDROM Disk drives Display adapters Floppy disk controllers Hard disk controllers Keyboard Monitors Monitors Network adapters Ports (COM & LPT) System devices Universal Serial Bus controllers Intel 82371AB/EB PCI to USB Universal Host Controller USB Root Hub Keite DTP92 	
Properties Refresh Remove Print	
Close Car	ncel

In the system properties viewer, you will see the updated X-Rite device in the Universal Serial Bus controller's section. Click Close. And reboot the computer.