Q&A

2. The O.S. can't find the LABTOOL-48UXP after power on. Sol:

Step1. Install the LABTOOL-48UXP software. If you do not have the software, and you can download it from our website(<u>www.aec.com.tw</u>). If you have installed the software, skip this step.

Step2. Turn the LABTOOL-48UXP power on.

Step3. Select "Start → Control Console → System → Hardware → Device Manager". You will see an "! USB Device" in your PC.

Step4. Uninstall the "USB Device"

Step5. Turn the LABTOOL-48UXP power off.

Step6. Turn the LABTOOL-48UXP power on and then the OS found out a new USB device from your USB interface.

Step7. Select "Start → Control Console → System → Hardware → Device Manager" and you will see the "AEC LabTool-48UXP Intelligent Universal Programmer"

Step8. Run the LABTOOL-48UXP software.

Note : Recommended O.S. in your PC

- (1) Windows XP + SP1
- (2) Windows XP + SP2
- (3) Windows 2000 + SP4

- Step1. Install the LABTOOL-48UXP software. If you do not have the software, and you can download it from our website(<u>www.aec.com.tw</u>). If you have installed the software, skip this step.
- Fig1-1 : Press "Yes"



Fig1-2 : Extracting

Setup		×
2	LabTool-48UXP Setup is preparing the InstallShield(r) Wizard which will guide you through the rest of the setup process. Please wait.	
	71 %	

Fig1-3 : Press "Next"



Fig1-4 : Press "Next"

Choose Destination	ocation
	Setup will install LabTool-48UXP in the following directory.
	To install to this directory, click Next.
	To install to a different directory, click Browse and select anothe directory.
	You can choose not to install LabTool-48UXP by clicking Cance to exit Setup.
20	Destination Directory C:\Program Files\AEC\WLT48UXP B <u>r</u> owse
InstallShield	< <u>B</u> ack <u>Next></u> Cancel

Fig1-5 : Press " Next"

Select Program Folde	r Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing
	Folders list. Click Next to continue. Program Folders: Advantech LabTooN Existing Folders:
	Accessories Administrative Tools Games Startup
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel

Fig1-6 : Press " Next"

Start Copying Files		
	Setup has enough information to start copying the progra If you want to review or change any settings, click Back are satisfied with the settings, click Next to begin copying Current Settings:	ım files. . If you g files.
	Setup Type: Complete Target Folder C:\Program Files\AEC\WLT48UXP User Information Name: itd.mis Company: advantech	<
InstallShield	< <u>B</u> ack Next> Ca	ncel



믔 Setup	
LabTool-48UXP	
Decompressing Files In C:\Program Files\AEC\WLT48UXP	
wilt48uxp.exe	
bi 4 Cancel	



complete setup.

Remove any disks from their drives, and then click Finish to

< Back

Finish

Fig1-8 : Select "No, I will restart my computer later" and then press "Finish"

Step2. Turn the LABTOOL-48UXP power on.

Step3. Select "Start → Control Console → System → Hardware → Device Manager". You will see the "! USB Device" in your PC.

Fig3-1 : Press "Device Manager"

System Resto	ore Automa	atic Updates	Remote
General	Computer Name	Hardware	Advanced
Device Manage	er		
The l on yo prope	Device Manager lists all our computer. Use the D erties of any device.	the hardware devic vevice Manager to c	es installed hange the
		Device M	anager
Drivers			
Drive comp how '	r Signing lets you make patible with Windows. W Windows connects to V	sure that installed d /indows Update lets Vindows Update for	rivers are you set up drivers.
_	Driver Signing		
	Diritor <u>Digiting</u>		Jpdate
Hardware Profil	es		Jpdate
Hardware Profil	es ware profiles provide a u ent hardware configurat	way for you to set up ions.	and store
Hardware Profil Hard differ	es ware profiles provide a v ent hardware configurat	way for you to set up ions. Hardware	and store

Fig3-2 : The "!USB Device" may be below "Universal Serial Bus controllers" or



Step4. Uninstall the "USB Device"

Fig4-1 : Press the right button of the mouse and select "Uninstall".

🖁 Device Manager 🗧	
File Action View Help	
 Keyboards Mice and other pointing devices Monitors Monitors Network adapters Other devices Ports (COM & LPT) Processors 	<u>×</u>
 Sound, video and game controllers System devices Universal Serial Bus controllers Intel(R) 82801BA/BAM USB Universal Host Controller - 2442 Intel(R) 82801BA/BAM USB Universal Host Controller - 2444 NEC PCI to USB Enhanced Host Controller (B1) NEC PCI to USB Open Host Controller 	
USB Root H Update Driver USB Root H Disable USB Root H Uninstall	
Ininstalls the driver for the Properties	~

Fig4-2 : Press "OK"

Confirm	Device Removal 🛛 ? 🔀	
÷	USB Device	
Warning	You are about to uninstall this device from your system.	
	OK Cancel	

Fig4-3 : Device Manager after uninstalling

🖴 Device Manager	
Eile <u>A</u> ction <u>View</u> <u>H</u> elp	
😟 🚫 Mice and other pointing devices	~
🗄 📑 Monitors	
🗄 🕎 Network adapters	
🗄 🙀 Other devices	
+ Set Processors	
Sound, video and game controllers	1.00
E System devices	
Er 😴 Universal Serial Bus controllers	
Totel(P) 92901BA/DAM USB Universal Host Controller - 2444	
NEC PCI to USB Enhanced Host Controller (B1)	
NEC PCI to USB Onen Host Controller	=
NEC PCI to USB Open Host Controller	
USB Root Hub	
🕰 USB Root Hub	
🕰 USB Root Hub	
🕰 USB Root Hub	
😽 🥰 USB Root Hub	~

Step5. Turn the LABTOOL-48UXP power off.

Step6. Turn the LABTOOL-48UXP power on and then the OS found out a new USB device from your USB interface.

Fig6-1 : Select "No, not this time" and press "Next"



Fig6-2 : Select "Install the software automatically (Recommended)" and then press "Next"



Fig6-3 : Installing

Found New Hardware Wizard Please wait while the wizard installs the software		
AEC LabTool-48UXP Intell	igent Universal Programmer	
	< Back Next > Cancel	

Fig6-4 : Press " Continue Anyway". If you select the other button, the O.S. will has a wrong "!USB Device" in your PC.

Hardwa	re Installation
<u>.</u>	The software you are installing for this hardware: AEC LabTool-48UXP Intelligent Universal Programmer has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) 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 STOP Installation

Fig6-5 : Press "Finish"

Found New Hardware Wiz	ard 🛛
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: AEC LabTool-48UXP Intelligent Universal Programmer
States and the second second	Click Finish to close the wizard.
	KBack Finish Cancel

Step7. Select "Start → Control Console → System → Hardware → Device Manager" and you will see the "AEC LabTool-48UXP Intelligent Universal Programmer"

Fig7-1 : Press "Device Manager"

Systemine	store Auton	atic Updates	Remote	
General	Computer Name	Hardware	Advanced	
Device Mana	ager			
S Th on pro	e Device Manager lists a your computer. Use the l operties of any device.	ll the hardware device Device Manager to cl	es installed hange the	
		Device Ma	anager	
Drivers				
Dri	iver Signing lets you make mpatible with Windows. \ w.). (indows composite to)	e sure that installed dr Vindows Update lets	ivers are you set up	
10	w windows connects to	windows update for	drivers.	
	Driver <u>S</u> igning		drivers. Jpdate	
Hardware Pro	Driver <u>S</u> igning	Windows Update for	drivers. Jpdate	
Hardware Pro	Driver <u>Signing</u> ofiles irdware profiles provide a ferent hardware configura	windows Opdate for <u>W</u> indows L way for you to set up ations.	drivers. Jpdate	
Hardware Pro	Driver <u>Signing</u> ofiles irdware profiles provide a ferent hardware configura	windows Opdate for <u>Windows L</u> way for you to set up tions. Hardware	drivers. Jpdate and store Profiles	

Fig7-2 : You will see the "AEC LabTool-48UXP Intelligent Universal Programmer" below your "Universal Bus controllers".



Step8. Run the LABTOOL-48UXP software.

Fig8-1: Select "Start" -> "All Programs" -> "Advantech LabTool" -> "LabTool-48UXP"



Fig8-2 : After run the LabTool-48UXP software, you will see your LabTool-48UXP serial number with USB interface.

🐺 AE0411900001 - Lal	bTool-48UXP Intelli	igent Universal Programme	ar -	
<u>File</u> Project <u>D</u> evice <u>O</u> ptic	ons Diagnostics <u>H</u> elp			
Save Load Select Au	toD Edit Vector	10000 Read Blank Prog. Verify	Erase Comp. Prot.	Config Option
USB communicat Found LabTool- >>LabTool-48UXP	ion Spec : US 48UXP - AEO41 Firmware Vers	B 2.00 1900001 ion 4.20		
<				>
Device : No Acti Adapter : Size : Check Sum :	ved Device VCC : VPP :	Pin : Manuf. Code : Device Code :	Current Co Target Co Current Fail Max Fail	ount : ount : ure : ure :
File : Note ·			OnOff	Reset