



# USB Data Logger Installation Guide

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EN • DA • DE • ES • FR • IT • NL • SV • ZHS

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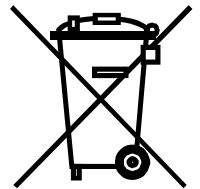
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## Contents

<b>1 English</b> .....	<b>1</b>		
1.1 Introduction .....	1		
1.2 Safety warnings.....	1		
1.3 Installing the software and manual.....	1		
1.3.1 Installing under Windows XP SP3, Windows Vista, Windows 7 or Windows 8*.....	1		
1.3.2 Installing USB products .....	2		
1.4 Free newsletter .....	2		
1.5 Software updates / replacing lost software .....	2		
1.6 Writing your own software .....	2		
1.7 Input connections .....	2		
1.8 Technical support .....	2		
<b>2 Dansk</b> .....	<b>3</b>		
2.1 Indledning .....	3		
2.2 Generelle sikkerhedsadvarsler.....	3		
2.3 Installation af software og manual.....	3		
2.3.1 Installation under Windows XP SP3/Windows Vista/Windows 7/ Windows 8*.....	3		
2.3.2 Installation af USB-produkter .....	4		
2.4 Gratis nyhedsbrev .....	4		
2.5 Software-opdateringer / erstatning af mistet software .....	4		
2.6 Skriv din egen software.....	4		
2.7 Indgangsстик.....	4		
2.8 Teknisk support .....	4		
<b>3 Deutsch</b> .....	<b>5</b>		
3.1 Einleitung.....	5		
3.2 Allgemeine sicherheitshinweise.....	5		
3.3 Software installation .....	5		
3.3.1 Installieren unter Windows XP SP3/Windows Vista/Windows 7/ Windows 8*.....	5		
3.3.2 Installation von USB-produkten.....	6		
3.4 Kostenloser newsletter .....	6		
3.5 Software updates / ersatz verlorengegangener software .....	6		
3.6 Schreiben sie Ihre eigene software .....	6		
3.7 Eingangs-anschlüsse .....	6		
3.8 Technische unterstützung.....	6		
<b>4 Español</b> .....	<b>7</b>		
4.1 Introducción .....	7		
4.2 Aviso de seguridad general.....	7		
4.3 Instalación del software y del manual .....	7		
4.3.1 Instalación en Windows XP SP3/Windows Vista/Windows 7/ Windows 8*.....	7		
4.3.2 Instalación de productos USB .....	8		
4.4 Hoja informativa gratuita .....	8		
4.5 Actualizaciones del software / sustitución de software perdido .....	8		
4.6 Escritura de su propio software.....	8		
4.7 Conexiones de entrada .....	8		
4.8 Asistencia técnica.....	8		
<b>5 Français</b> .....	<b>9</b>		
5.1 Introduction .....	9		
5.2 Avertissement lié à la sécurité.....	9		
5.3 Installation des logiciels et du manuel.....	9		
5.3.1 Installation sous Windows XP SP3/Windows Vista/Windows 7/ Windows 8*.....	9		
5.3.2 Installer les produits USB .....	10		
5.4 Bulletin d'informations gratuit .....	10		
5.5 Mises à niveau / logiciels perdus.....	10		
5.6 Conception de logiciels personnels.....	10		
5.7 Voies d'entrée .....	10		
5.8 Support technique .....	10		

## 1 English

### 1.1 Introduction

Thank you for purchasing a Pico Technology product.

This guide explains how to install the software and product manual using the supplied CD-ROM.

The product User's Guide contains detailed information about using the product and its software. It includes all the information you will need to connect and set up your product. The product manual is installed in electronic format, but if you would prefer a paper copy, you can print the PDF files on the CD-ROM.

### 1.2 Safety warnings

We strongly recommend that you read the general safety information below and also the product-specific safety warning in the product manual before using your product for the first time. If you do not use the equipment in the manner specified, then you may impair the protection provided. This could result in damage to your computer or injury to yourself or others.

The product manual is installed on your computer when you install the supplied software.

#### Repairs

The unit contains no user-serviceable parts. Repair or calibration of the unit requires specialised test equipment and must be performed by Pico Technology Limited or its authorised distributors.

#### Maximum input range

You can find the maximum input range and, where applicable, overload protection range either in the product manual installed on your computer, or on the product datasheet, both are available from our website at [www.picotech.com](http://www.picotech.com). Always operate the product within the specified input range. Operation outside the range of the overload protection is likely to cause permanent damage to the unit.

#### Mains voltages

Pico products are not designed for use with mains voltages. To measure mains we recommend the use of a differential probe, such as the Pico Technology TA041, that is specifically designed for such measurements.

#### Safety grounding

The ground of every product is connected directly to the ground of your computer through the interconnecting cable supplied. This is done in order to minimise interference. Therefore, always use the supplied cable to attach the product to your computer.

As with most oscilloscopes and data loggers, take care to avoid connecting the ground input of the product to anything which may be at some voltage other than ground. If in doubt, use a voltmeter to check that there is no significant AC or DC voltage between the oscilloscope ground and the point to which you intend to connect it. Failure to check may cause damage to the product or computer and could cause injury to yourself or others.

With temperature converters, take great care when measuring temperatures near mains equipment. If a sensor is accidentally connected to mains voltages, you risk damage to the converter or your computer and your computer chassis may become live.

You should assume that the product does not have a protective safety earth. Incorrect configuration or use on voltages outside the maximum input range can be hazardous.

### 1.3 Installing the software and manual

*Note: Please follow the software installation instructions below **BEFORE** connecting the hardware product.*

#### 1.3.1 Installing under Windows XP SP3, Windows Vista, Windows 7 or Windows 8\*

1. Insert the Pico CD into your CD-ROM drive.
2. If Autorun is enabled, the CD will start up automatically. If so, go to step 6.
3. Press the Start button and select Run...
4. Type d:\pico (where 'd:' is your CD-ROM drive).
5. Press the Enter key.
6. Click the Install Application Software button.
7. The program will guide you through the installation.

*\*Not Windows RT*

### 1.3.2 Installing USB products

USB products are supported only by Windows XP or later.

Install the software before connecting the product to the USB port for the first time (see section 1.3.1)

Once you have completed the software installation instructions in section 1.3.1, do the following:

1. Connect the USB cable\* between the product and one of the USB ports on your computer.
2. Allow the computer to automatically detect and configure your hardware product\*\*.

For instructions on how to configure PicoLog and PicoScope, see the electronic manuals for those products.

\* *Pico Technology recommends using our specially designed blue USB cable for improved earthing and reliability.*

\*\* *If Windows displays a warning message about Windows Logo testing you must click 'Continue Anyway' to complete the installation and start using the hardware product.*

#### Checking the installation

Once you have installed the software and connected the PC Oscilloscope to the PC, start the PicoScope software. The software should now display any signal connected to the scope inputs. If you have a probe connected to your oscilloscope, you should see a small 50 or 60 hertz signal in the oscilloscope window when you touch the probe tip with your finger.

For instructions on how to configure PicoLog and PicoScope, see the electronic manuals for those products.

### 1.4 Free newsletter

Pico Technology sends out a free monthly newsletter by e-mail. This gives news of product launches, software upgrades and application notes; and hints and advice. We treat your e-mail details as confidential and will not pass them on to any third parties.

To subscribe please visit [www.picotech.com/maillist.html](http://www.picotech.com/maillist.html).

### 1.5 Software updates / replacing lost software

The latest versions of all Pico software can be downloaded free of charge from our web site at [www.picotech.com](http://www.picotech.com).

If you require a new CD, please contact Pico Technology or your distributor. *There may be a small charge for this service.*

### 1.6 Writing your own software

The CD ROM contains all the manuals and drivers which allow you to develop your own custom programs easily. Follow section 1.3 to install.

### 1.7 Input connections

The installed product manuals contain complete descriptions of input connections. Follow section 1.3 to install.

### 1.8 Technical support

The Pico Technology support web site and forum can be found at [www.picotech.com/support](http://www.picotech.com/support). The web site and forum contain regularly updated technical support information.