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INSTALLATION AND OPERATION GUIDE

GUIDE D'OPERATION
GUÍA DE OPERACIÓN
GUIDA DI FUNZIONAMENTO
BEDIENUNGSANLEITUNG



IMPORTANT NOTES BEFORE INSTALLING EL-WIN-USB SOFTWARE

Please read these notes carefully before proceeding with installation.

The screen shots on the 'START HERE' page are taken from Windows™ Vista. If you are installing using Windows™ XP or 2000 the screens may look slightly different; however, the content will be the same.

To install the software and USB driver you must have administrative privileges on the host computer. Contact your IT department if you need further information.

After completing the software installation you must install the driver to use your EL-USB data logger. **It is important that the CD is left in the drive during this final stage of installation.** Please refer to the relevant section for the Windows platform you are using.

This logger is not designed to be permanently connected to a USB port.

ENVIRONMENTAL DISPOSAL/WARNINGS

WEEE



This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separately collected for their proper treatment and recovery. The crossed-out bin symbol, placed on the product, reminds you of the need to dispose of the product correctly at the end of its life. In this way you will assist in the recovery, recycling and re-use of many of the materials used in this product. At the end of the life of your product please contact your distributor for information on collection arrangements.

Battery disposal



Most batteries end up in landfill where their hazardous material can leach into the soil and cause harm. It is much more environmentally friendly to recycle batteries in a safe, correct manner. Follow applicable country, state, and local regulations for disposal/recycling of the battery supplied with your data logger. Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate/ for information on battery disposal in California.

RoHS



The Restriction of Hazardous Substances (RoHS) Directive 2002/95/EC of the European Parliament stipulates that certain hazardous substances must not be present above defined levels in products. This data logging product is manufactured to be RoHS compliant.

For further information visit: www.lascarelectronics.com/main/environmental-data-logging.php

BATTERY INSTALLATION

Battery Installation

We recommend that a suitable, new battery is used if any low battery state is detected by the software or if a large proportion of the typical 30 day battery life has been consumed. Remove the screw. Pull the two halves of the case apart. Remove the old battery. Insert the new battery. Assemble the two halves of the case. Insert the screw and tighten.

Installation de la batterie

Nous recommandons d'utiliser une nouvelle pile en cas de détection par le logiciel d'une faible autonomie de la pile en place ou si une grande partie des 30 jours de vie habituels de la pile s'est écoulée. Enlever la vis. Séparer les deux moitiés du boîtier. Enlever l'ancienne pile et insérer la nouvelle. Remonter les deux moitiés du boîtier. Remettre la vis et revisser.

Cómo colocar la batería

Recomendamos utilizar una batería adecuada nueva si el software detecta que queda poca batería o si se ha consumido la mayor parte de los 30 días que suele durar la batería. Extraiga el tornillo. Separe las dos mitades de la carcasa. Extraiga la batería usada. Coloque la batería nueva. Junte las dos partes de la carcasa. Coloque el tornillo y apriételo.

Installazione della batteria

Si consiglia di inserire una nuova batteria del tipo appropriato se il software dovesse rilevare un livello basso della batteria o una volta trascorso il periodo di durata della batteria di 30 giorni (o prima di questo termine). Rimuovere la vite. Separare le due parti del vano batteria. Rimuovere la vecchia batteria. Inserire la nuova batteria. Posizionare le due parti del vano batteria. Inserire la vite e serrarla.

Einsetzen der Batterie

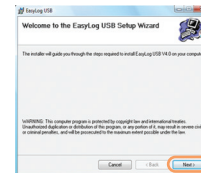
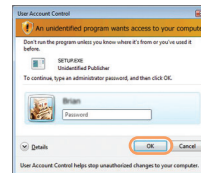
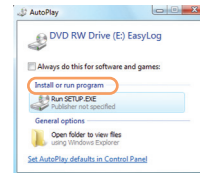
Wenn die Software einen niedrigen Batteriestatus feststellt oder die typische Lebensdauer der Batterie von 30 Tagen weitgehend aufgebraucht ist, sollte eine geeignete neue Batterie eingesetzt werden. Entfernen Sie die Schraube. Ziehen Sie die beiden Gehäusehälften auseinander. Entfernen Sie die alte Batterie. Setzen Sie die neue Batterie ein. Schieben Sie die beiden Gehäusehälften wieder zusammen. Bringen Sie die Schraube an, und ziehen Sie sie fest.



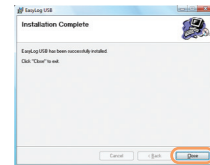
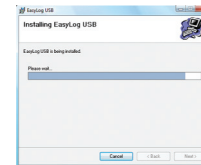
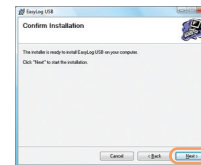
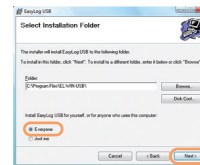
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START HERE Windows™2000/XP/Vista(32-bit)

Important: Leave the CD in the drive while installing your drivers



1. Insert the EL-WIN-USB Configuration Software CD into the CD drive of your computer. If the CD does not automatically load, navigate to the CD and double click "Setup"
2. Installing software requires administrative privileges. Accept the "User Account Control" request, enter password if necessary
3. Click "Next"
4. Read the "IMPORTANT NOTICE", select "I Agree" and "Next"



5. Select "Everyone", click "Next"
6. Click "Next" to start the Installation.
7. EasyLog USB is being installed
8. Click "Close". An icon will now be placed on your desktop

NOTE - A progress bar will be displayed until the installation is complete



You have installed the EL-WIN-USB Configuration Software successfully. You now have to install the USB hardware driver. Please refer to the relevant section depending on the Windows platform you are using

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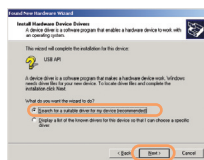
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WINDOWS™2000

USB Driver Installation



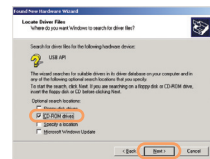
Important: Leave the CD in the drive while installing your drivers



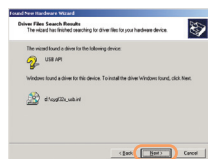
3. Select **“Search for a suitable driver for my device (recommended)”** then click **“Next”**

1. Insert the USB data logger into a USB port on the computer. The following screens should automatically appear. Windows™2000 refers to the data logger as **“USB API”** until the end of this installation

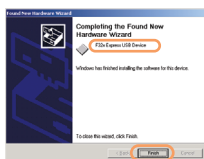
2. Click **“Next”**



4. Select **“CD-ROM drivers”** only, then click **“Next”**



5. Click **“Next”**

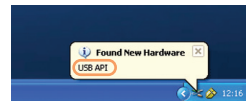


6. Windows™2000 now refers to the data logger as the **“F32x Express USB Device”** then click **“Finish”**

You have successfully installed the necessary software and driver for your EL-USB data logger. Please refer to page 8 within this manual for a guide on how to use the data logger

WINDOWS™XP

USB Driver Installation

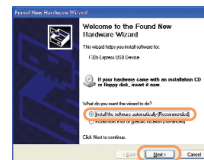


1. Insert the USB data logger into a USB port on the computer. The following screens should automatically appear. Windows™XP refers to the data logger as **“USB API”** and **“F32x Express USB Device”** throughout this installation



4. Installation is now complete, click **“Finish”**

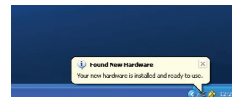
Important: Leave the CD in the drive while installing your drivers



2. Ensure the CD is in the CD drive. Select **“Install the software automatically (Recommended)”** then click **“Next”**
NOTE - A screen appears, showing files being copied to your computer



3. When this window appears, click **“Continue Anyway”**
NOTE - This is a feature of Windows™XP. Selecting “Continue Anyway” will not cause any adverse changes/effects on your computer

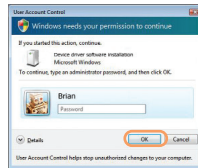
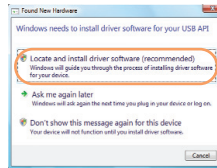
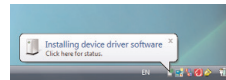


5. The Window will close and you will see the following message

You have successfully installed the necessary software and driver for your EL-USB data logger. Please refer to page 8 within this manual for a guide on how to use the data logger

WINDOWS™ Vista(32-bit) USB Driver Installation

Important: Leave the CD in the drive while installing your drivers

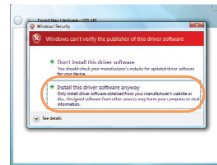


1. Insert the USB data logger into a USB port on the computer. The following screens should automatically appear

2. Select **"Locate and install driver software (recommended)"** then click **"Next"**

3. Installing the driver requires administrative privileges. Accept the **"User Account Control"** request, enter password if necessary

4. The following screen should automatically appear



5. The above window will appear after a few seconds. Click **"Next"**

6. When this window appears, click **"Install this driver software anyway"**

NOTE - This is a feature of Windows™ Vista. Selecting **"Install this software anyway"** will not cause any adverse changes/effects on your computer

7. Installation is now complete, Click **"Finish"**

You have successfully installed the necessary software and driver for your EL-USB data logger. Please refer to page 8 within this manual for a guide on how to use the data logger

NOTE

At various times Vista may ask security questions; allow access when prompted

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USING YOUR DATA LOGGER (QUICK START)

The EL-USB data logger you have purchased is a stand-alone device. All communication with the data logger is via a USB port of a PC which has Lascar's configuration software and driver installed. To begin take the following steps:

1. Ensure the battery is correctly installed
2. Insert the data logger into an available USB port on your PC
3. Double click on the EasyLog USB icon on your Windows™ desktop



This will load the configuration software. Here you can setup the data logger for a new log, stop and download a data logger that has been recording, view previously saved data in graph format, and check the current status of the attached data logger (including the serial number). Follow screen instructions or consult the help file for further information on running the software.

When setup is complete the data logger should be removed from the USB port to begin recording. If you would like advice on how best to use the data logger for a particular application please contact your nearest Lascar representative.

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EL-USB-LITE



LED Indicators



Red/Green LED
Diode Rouge/Verte
LED Rojo/Verde
LED Rosso/Verde
Rote/Grüne LED

GB

Press the button to view
the data logger's status

FR

Appuyer sur le bouton pour
afficher l'état de l'enregistreur
de données

ES

Pulse el botón para ver el
estado del registrador de
datos

IT

Premere il pulsante per visualizzare
lo stato del data logger

DE

Drücken Sie den Knopf, um den
Status des Datenerfassungsgeräts,
anzuzeigen



Single green flash
Logging, no alarm

Clignotement vert simple
Enregistrement en cours pas d'alarme

Parpadeo verde simple
Registrando, sin alarma

Lampeggio verde singolo
Registrazione in corso, nessun allarme

Leuchtet einmal grün auf
Zeichnet auf, kein Alarm



Single red flash
Logging, low alarm

Clignotement rouge simple
Enregistrement en cours basse alarme

Parpadeo rojo simple
Registrando, alarma baja

Lampeggio rosso singolo
Registrazione in corso, allarme limite min

Leuchtet einmal rot auf
Zeichnet auf, Alarm wegen Unterschreitung



Double red flash
Logging, high alarm

Clignotement rouge double
Enregistrement en cours haute alarme

Parpadeo rojo doble
Registrando, alarma alta

Lampeggio rosso doppio
Registrazione in corso, allarme limite max

Leuchtet zweimal rot auf
Zeichnet auf, Alarm wegen Überschreitung

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