User's Guide

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Windows 7, Vista and XP
Configuration Software
Installation with Operations Guide

OM-EL-GFX Series
Data Logger With Graphic Screen

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The information contained in this document is believed to be correct, but OMEGA accepts no liability for any errors it contains, and reserves the right to alter specifications without notice.
WARNING: These products are not designed for use in, and should not be used for, human applications.

Operation Guide

For full product data sheet, pricing and on-line store visit:

omega.com®

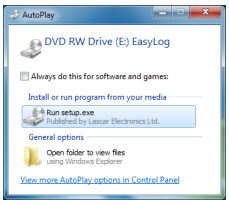
START HERE

Windows ™ XP/ Vista/ 7
OM-EL-GFX Configuration Software Installation

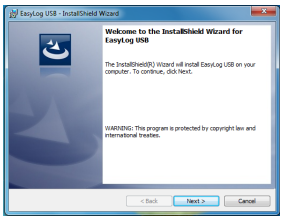
Thank you for purchasing an OM-EL-GFX Series data logger. This quick start guide provides basic information to help you use your new product.

INSTALL YOUR SOFTWARE & USB DRIVER

Windows ™ XP/VISTA/7

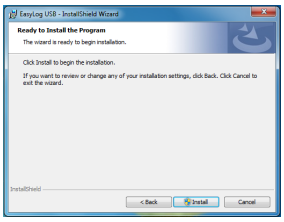


1. Download software from www.omega.com, navigate and double click 'Setup.exe'.

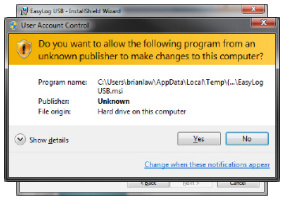


2. Click "Next"

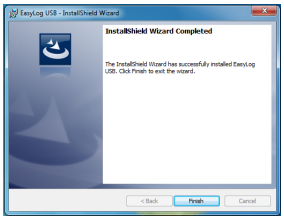
3. Read the "IMPORTANT NOTICE", select "I agree" and "Next"



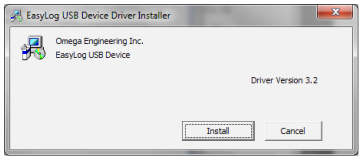
4. Click "Install"



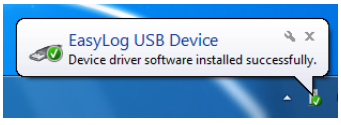
5. Click "Yes"



6. Click "Finish"



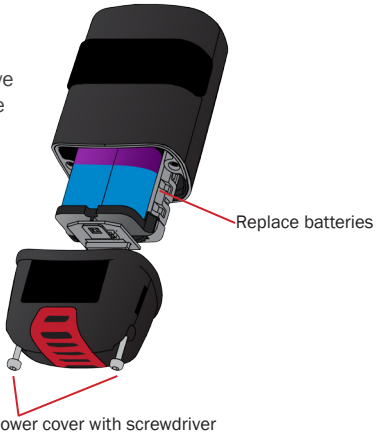
7. Click "Install"



8. You have successfully installed the necessary software and driver for your OM-EL-GFX data logger. An "EasyLog USB" icon will be placed on your desktop.

INSTALL YOUR BATTERY

Using the hex key provided, untighten the two screws located at the base of the unit. Remove the lower portion of the housing to expose the battery bay. Install or replace batteries being sure to observe correct battery orientation.



YOUR DATA LOGGER IS READY FOR USE

- Ensure the battery is correctly installed.
- Connect the data logger to an available USB port on your PC using the micro USB cable provided.
- Double click on the EasyLog USB icon on your Windows™ desktop. This will load the configuration software. Setup the data logger for a new log, 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).

- When setup is complete, the data logger should be disconnected 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 Omega representative.
- **Do not leave your data logger connected to the USB port as this will cause some of the battery capacity to be lost.**

GETTING TO KNOW YOUR OM-EL-GFX LOGGER

Model shown: OM-EL-GFX-1. Other models may differ

WHAT IS INCLUDED WITH YOUR DATA LOGGER?

- **USB Cover:** This USB port cover gives IP67 protection to your data logger when fitted.*

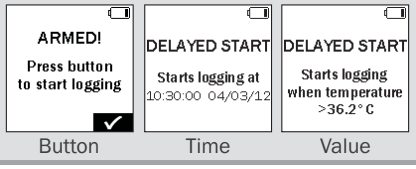
- **Mounting Clip:** The plastic mounting clip supplied allows wall mounting if required or to metal surfaces using the integrated magnet.

- **Micro USB Cable:** The micro USB cable allows connection to the PC for programming or data download. Use in conjunction with a USB wall adapter for continuous mains power.

- **2x ½ AA Batteries (Part No: OM-EL-BATT):** The unit is powered when the 2x ½ AA batteries are installed. Batteries are user replaceable when drained.

*Excludes OM-EL-GFX-DTC

MENU BUTTON FUNCTIONS AND LED SCREEN INDICATION



START

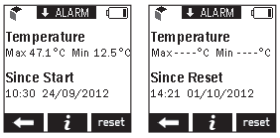
- Loggers can be started immediately on a button press, delayed to a specific time or delayed to specific temp/RH reading

MUTE ALARM

- Audible alarm can be muted if required

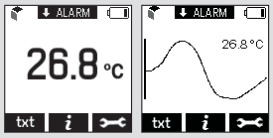
STOP

- The logger can be stopped using the on-board buttons



SUMMARY DATA

- Summary screen displays max/min log and last log. Reset function clears summary if required



DISPLAY DATA

- Data can be displayed on screen in tabular or graphical format

LOCK MENU BUTTONS

- 'Locked' mode can be unticked during PC set-up if required
- When in locked mode, the logger can only be stopped and re-started using a PC loaded with the unit's configuration software

OM-EL-GFX FAMILY OF DATA LOGGERS

Part No	Function	Range	Accuracy (overall error) Typ.	Max.	Readings	Battery	Battery Life*
OM-EL-GFX-1	Temperature Data Logger with Graphic Screen	-30 (-22)°C (°F)	±0.1 (±0.2)	±0.5 (±1)	256,000	2x ½ AA Batteries	1 Year
OM-EL-GFX-2	Temperature & Humidity Data Logger with Graphic Screen	-30 (-22)°C (°F) 0-100% Relative Humidity	±0.5 ±1.0) ±3.0	±2.0 (±4.0) ±5.0	256,000	2x ½ AA Batteries	1 Year
OM-EL-GFX-DTC	Dual Channel Thermocouple Data Logger with Graphic Screen	-200 to +1350°C (-328 to +2462°F) (K-type) -200 to +1190°C (-328 to +2174°F) (J-type) -200 to +390°C (-328 to +734°F) (T-type)	±2.0 (±4.0)		256,000 Across 2 Thermocouple Inputs	2x ½ AA Batteries	1 Year

WARRANTY/DISCLAIMER

OMEGA ENGINEERING, INC. warrants this unit to be free of defects in materials and workmanship for a period of **13 months** from date of purchase. OMEGA's WARRANTY adds an additional one (1) month grace period to the normal **one (1) year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product.

If the unit malfunctions, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective, it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components in which wear is not warranted, include but are not limited to contact points, fuses, and triacs.

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RETURN REQUESTS/INQUIRIES

Direct all warranty and repair requests/inquiries to the OMEGA Customer Service Department. BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OMEGA'S CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

1. Purchase Order number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

OMEGA's policy is to make running changes, not model changes, whenever an improvement is possible. This affords our customers the latest in technology and engineering.

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