

Normal Instructions – Follow these precisely

START WITH DONGLE UNPLUGGED FROM MACHINE

Perform Software installation first, followed by Dongle Licenses installation.

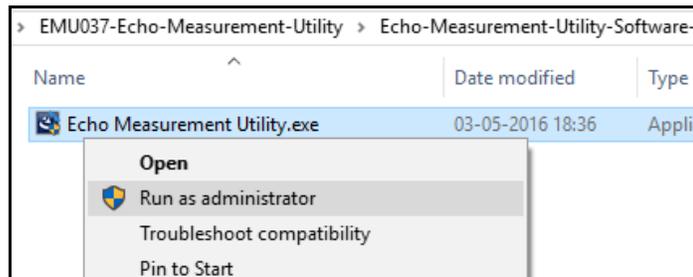
- System Requirements:
 - Windows® 7 and above (32 bit or 64 bit) Operating System.
 - Core i3 to i7 or equivalent, 4 GB Memory, USB 2.0 Ports.

Software based licensing (for evaluation only)

- In case of software-based licensing, the software executables, license installer, and documents can be downloaded from the software licensing web portal (refer to email notification from GL Communications).
- Follow the instructions in the <https://www.gl.com/ses/download/GL-Software-License-Evaluation-Instructions.pdf> to install software license.
- To verify that the purchased licenses are installed correctly, open any web browser from the system on which the software license is installed and type the URL “<http://localhost:1947/int/products.html>”. Click on **Features** and confirm that the following **Product licenses** are listed:
 - EMU037
- **Note:** Additional licenses may be required for optional applications. Please verify that all licenses purchased are displayed.
- After completing software license installation, execute **Echo Measurement Utility.exe** in **Run as Administrator** mode. Follow the on-screen instructions to complete the software installation.
- For functional verification, refer to the **Verification** section below.

USB Hardware Dongle based licensing (on purchase only)

- If the software is licensed through hardware USB dongle, your shipment will contain a USB Installation Stick (pen drive) with necessary software executables, license installer, and documents.
- Now, execute **GLLdkDongleLicenseInstaller_x64.exe** (or **GLLdkDongleLicenseInstaller_x86.exe**). Follow hardware dongle licensing procedure mentioned in the <https://www.gl.com/Brochures/Brochures/Installation-Instructions-for-Dongle-Programs.pdf>.
- Now plug the dongle to the USB port of your computer. Windows® should install all required drivers automatically. A red light should appear on the dongle indicating that it is functioning correctly from a physical point of view
- Navigate to **\EMU037-Echo-Measurement-Utility\Echo-Measurement-Utility-Software** folder, execute **Echo Measurement Utility.exe** in **Run as Administrator** mode.



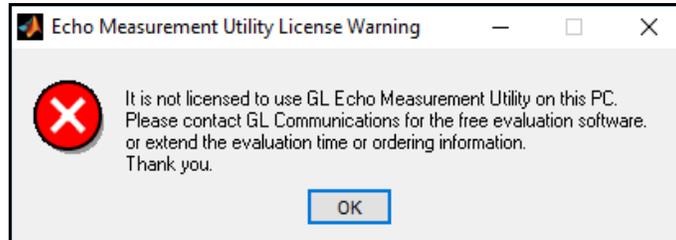
- Follow the on-screen instructions to complete the software installation. It is recommended to reboot the system after the software installation.



- Right-click on the **Echo Measurement Utility** shortcut icon created on the desktop and select **Run as administrator**. The application should invoke without any errors.

Troubleshoot

- If you see the below error when you run **Echo Measurement Utility**, it indicates a problem with either your dongle or license file.



- First verify that the dongle is plugged in and the red light is on
 - Navigate to *C:\Program Files (x86)\GL Communications Inc\GLDONGLE* or *C:\Program Files\GL Communications Inc\GLDONGLE*
 - Run *haspinfohl.exe*. Verify that Status is **OK** and make a note of the Serial #.
 - Run *appl_list.exe*. Verify that there is a line in the table reading *EMU037 Echo Measurement Utility* with the serial number you noted above.
 - If the dongle does not appear in *haspinfohl.exe*, verify that it appears as a USB device in the Windows Device Manager. If it does not appear even in the device manager, remove the dongle and plug it into a different USB port, preferably one directly on the motherboard.
- If you are still having issues or have any other related questions, please contact GL Communications Inc.