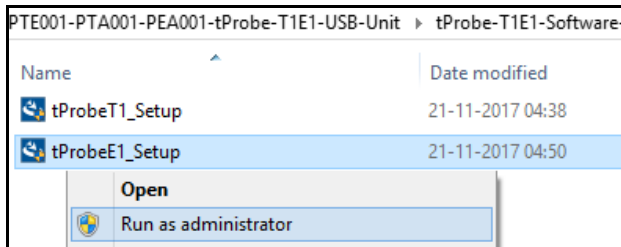


### Normal Instructions – Follow these precisely

DO NOT CONNECT **tProbe™** T1/E1 unit to PC

Perform Software installation first, followed by Hardware Licenses installation, and then Dongle Licenses installation.

- System Requirements:
  - Windows® 7 or above (32 bit or 64 bit) Operating System.
  - Core i3 to i7 or equivalent, 4 GB Memory, USB 2.0/USB 3.0 Ports.
  - Ensure that system has latest Windows® updates and service packs installed.
- Plug-in the **USB Installation Stick** (pen drive) to the PC. This is provided with the shipment package by **GL Communications**.
- Navigate to **\PTE001-PTA001-PEA001-tProbe-T1E1-USB-Unit \ tProbe-T1E1-Software** folder, execute **tProbeT1(E1)\_Setup.exe** in **Run as Administrator** mode.



**Note:** On Windows 64-bit OS, installer will prompt options to select 32-bit or 64-bit tProbe installation. Choose appropriate option and continue with the installation.

- Follow onscreen instructions, the device driver for the new hardware is automatically loaded, but not fully installed as the tProbe™ unit is not yet connected to the PC. The driver gets installed when you connect the tProbe™ unit to the USB port of the PC.
- Navigate to **\GL-Hardware-License-Installer** folder from the **USB Installation Stick** and execute **GLHWLicenseInstaller.exe** to install hardware licenses.
- (Optional Step) Execute **GLLdkDongleLicenseInstaller.exe** to install Dongle Licenses (if necessary). Connect the USB dongle if included in your purchase
- NOW connect **tProbe™** unit to power adapter and AC power.
- Then connect the tProbe™ unit to USB 2.0/USB 3.0 connector on PC using the USB cable provided with the device.
- The tProbe™ is recognized and the hardware device driver is installed at this point.
- For functional verification of **tProbe™ T1/E1 Analyzer** refer to **T1E1-Dual-USB-tProbe-Analyzer-Quick-Verification-Guide.pdf** provided by GL Communications Inc. in the USB pen drive.

### Troubleshoot

If you did not follow the above instructions in the given sequence, troubleshoot using the steps below

- If you connect the tProbe™ to the PC prior to installing the software, then the proper USB device driver will not be installed. User has to search for the driver and install it manually. Do the following:
  - Go to **Control Panel**→**System**→**Device Manager** or right-click on **My Computer** select **Manage** → **Device Manager**
  - Verify that there is an entry with “!” mark against the T1 E1 Analyzer unit
  - Right click on the device, click **Update Driver** option, and choose **Browse My Computer For Driver Software**
  - For 64-bit installation, navigate the path to **tProbe™** installation folder under the **C:\Program Files\GL Communications Inc\tProbe T1(E1) Analyzer\tProbe\_Drivers**. The driver should then be found and the device driver loaded and installed.
  - For 32-bit installation, navigate the path to **tProbe™** installation folder under the **C:\Program Files(x86)\GL Communications Inc\tProbe T1(E1) Analyzer\tProbe\_Drivers** directory. The driver should then be found and the device driver loaded and installed.
  - If you are still having problems, please refer to detailed installation instructions in the USB stick (**PTE001-PTA001-PEA001-tProbe-T1E1-USB-Unit/tProbe-T1E1-USB-Unit-Documents/T1E1-Dual-USB-tProbe-Analyzer-Installation-Guide.pdf**).



- If the optional software is not activated, you may have not installed the Hardware licenses or Dongle licenses. You can do so as explained section above at any time after installing the software.
- Ensure that the Power Adapter is connected to the **tProbe™** hardware unit and to the AC Power on the strip or Wall. Ensure that the Power Strip is ON.
- Make sure that the USB cable is securely connected to the **tProbe™** hardware unit and to the USB 2.0/USB 3.0 Connector.
- If you are still having issues or have any other related questions, please contact GL Communications Inc.