



Pre-installation Tips: GT-855XA USB Power Meter

Technical Brief

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Guidelines to ensure a smooth installation

PRODUCT BACKGROUND. *Our GT-855XA Series USB Power Meters are capable of performing power measurements in locations and scenarios unimaginable in comparison to traditional bench top power meters. Whether the test environment involves a remote area where electrical outlets are inaccessible or laboratory testing across multiple benches, our USB Power Meter's compact form can satisfy just about any power measurement need. More uses drive higher Equipment Utilization Ratios which can translate to a faster Return on Investment (ROI).*

The Giga-tronics USB Power Meters are easy to use and provide great flexibility for the user. In most cases, the installation task is uneventful across multiple Windows environments. However, in other instances, the many desktop and laptop hardware configurations in existence are inadequate for the GT-855XA.

Here are three important rules to remember:

- Know your USB. Three different versions of USB exist today. The type that the GT-855XA USB Power Meters requires is a USB 2.0 and to verify what your Laptop/Desktop supports, go under device manager in the Control Panel. Expand the USB tree and look for the word "enhanced". If present, then your system supports USB 2.0.
- Install the Automation Express Software before connecting the 8550A to your computer. After one has determined that a USB 2.0 port is present on the desktop or laptop that will control USB Power Meter, the next step is to install the software that comes with the instrument. The installation process ensures the drivers for the GT-855XA are installed in the computer. It is important this step be performed before plugging the sensor into the USB 2.0 Port.
- Befriend the LED Light on the Sensor. The LED light on one side of the sensor is the status indicator for the GT-855XA. Here are the common states to observe:
 - **Pale Green Light** : Connected, no driver installed
 - **Blinking Green Light** : Insufficient power on USB Port
 - **Solid Green Light** : Functioning correctly

In the event that an issue is encountered after following the guidelines provided above, our Technical Support can provide further assistance. Please visit our website and complete the form under *Troubleshooting* in the *Support* Menu to log a call.