SIGMA CONTROL PC Software

Quick Start Guide

SIGMA PC is a Windows® application for load banks with SIGMA control.

WARNING!

Read the load bank manual before use and take special note of all safety warnings.

Keep people well away. Close all doors. Ensure cables and earthing are adequate. Ensure a 4m gap is between load banks to prevent hot air recirculation. Risks include fire and burns from the hot air outlet and electric shock.

PREREQUISITE

Install SIGMA PC software. Connect the SIGMA USB Interface using supplied cables for driver install.

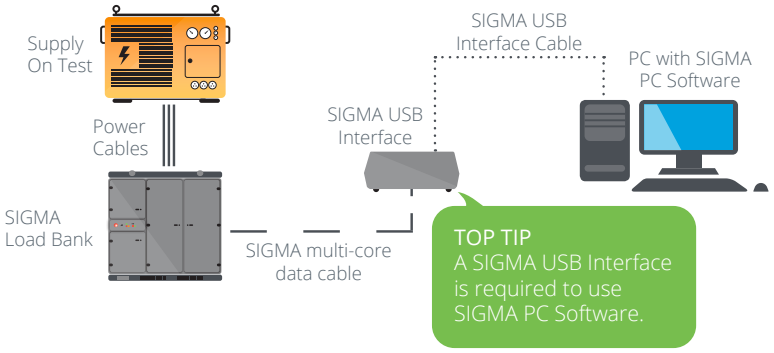
Load Bank Setup

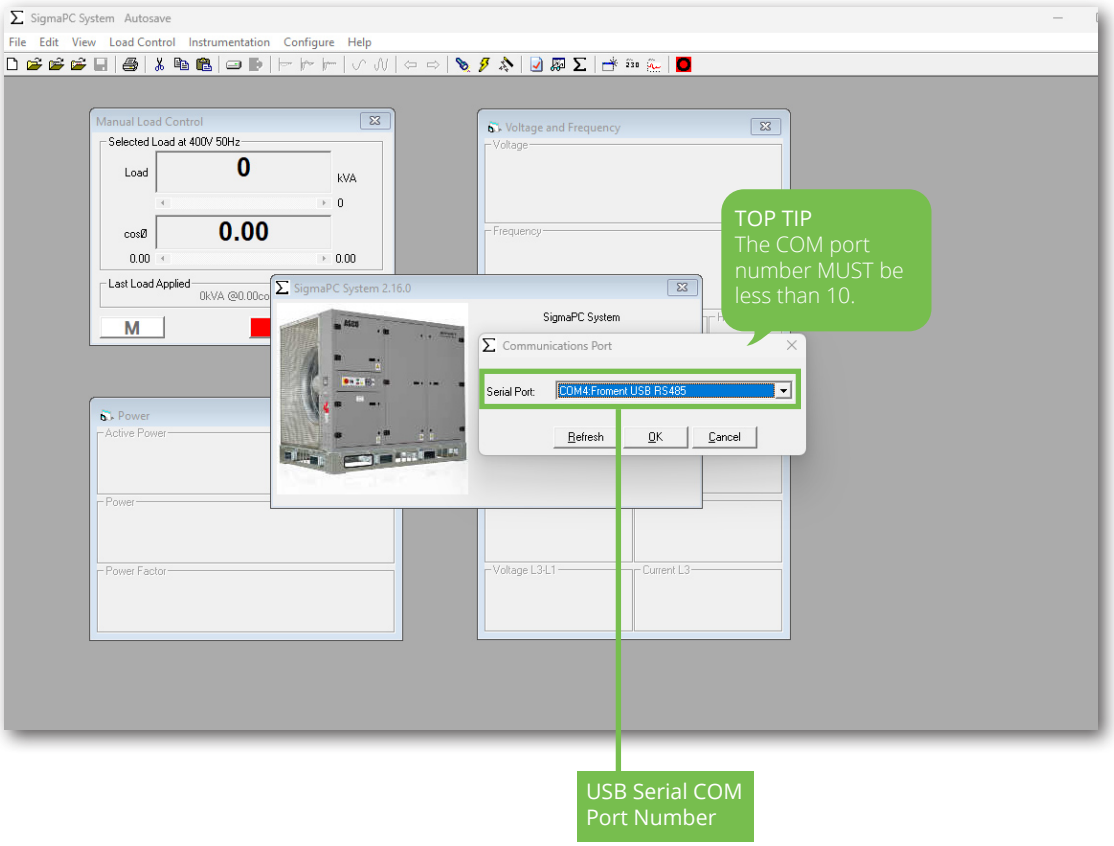
Connect the load bank using SIGMA multi-core data cable to the SIGMA USB Interface.

Next connect a SIGMA USB Interface Cable to a USB port in your PC, tablet, or laptop.

Launch SIGMA PC Software. The software will automatically detect ComPort number.

If ComPort number is less than 10, click OK and proceed to Manual Load Control section.
If not, please go to Com Setup.

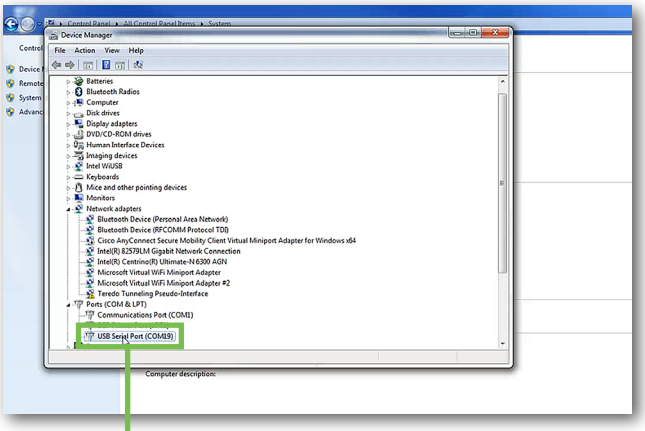




COM Setup (when ComPort is 10 and above)

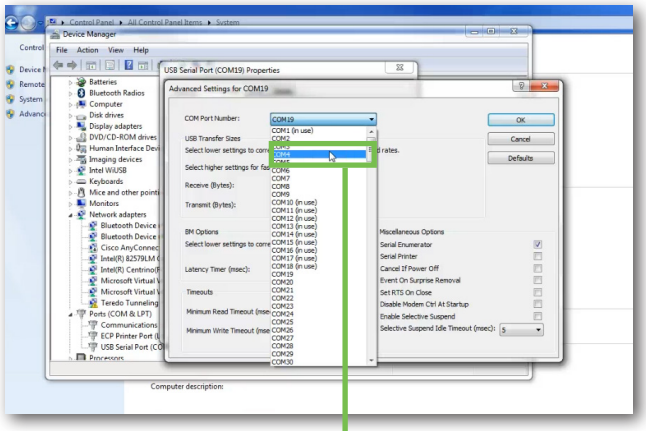
Close SIGMA PC Software.

Open the Device Manager on your PC or laptop system to view the USB Serial Port COM Number that has been allocated.



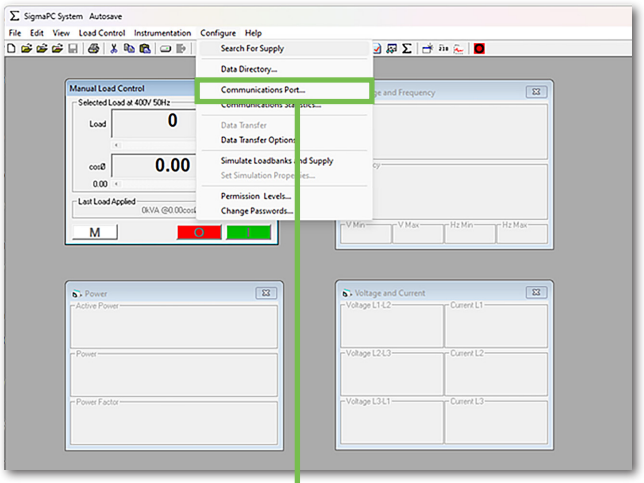
Double Click USB Serial COM Port Number for Properties.

Double click USB Serial Port to select new available port number. Select Port Settings Tab and Click Advanced button to select new available port number. (below 10).



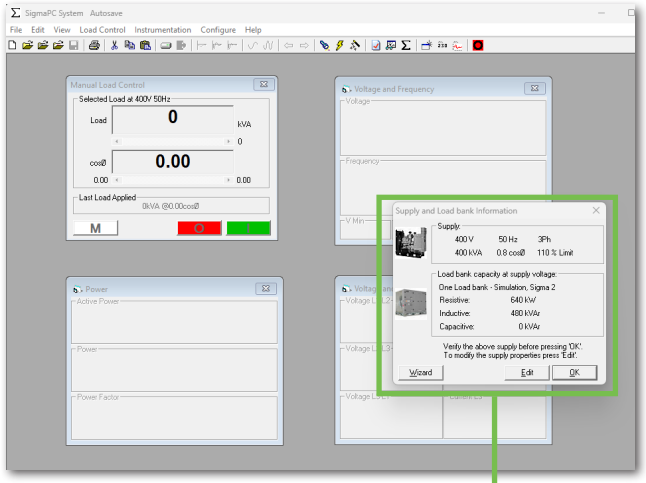
Select available COM Port Number from list.

Open SIGMA PC Software. Choose Configure menu and select Communication Port. Choose COM Port number you created. To SAVE new COM Port number, choose File menu, select Exit to close SIGMA PC software.



Configure Menu, COM Port number selection.

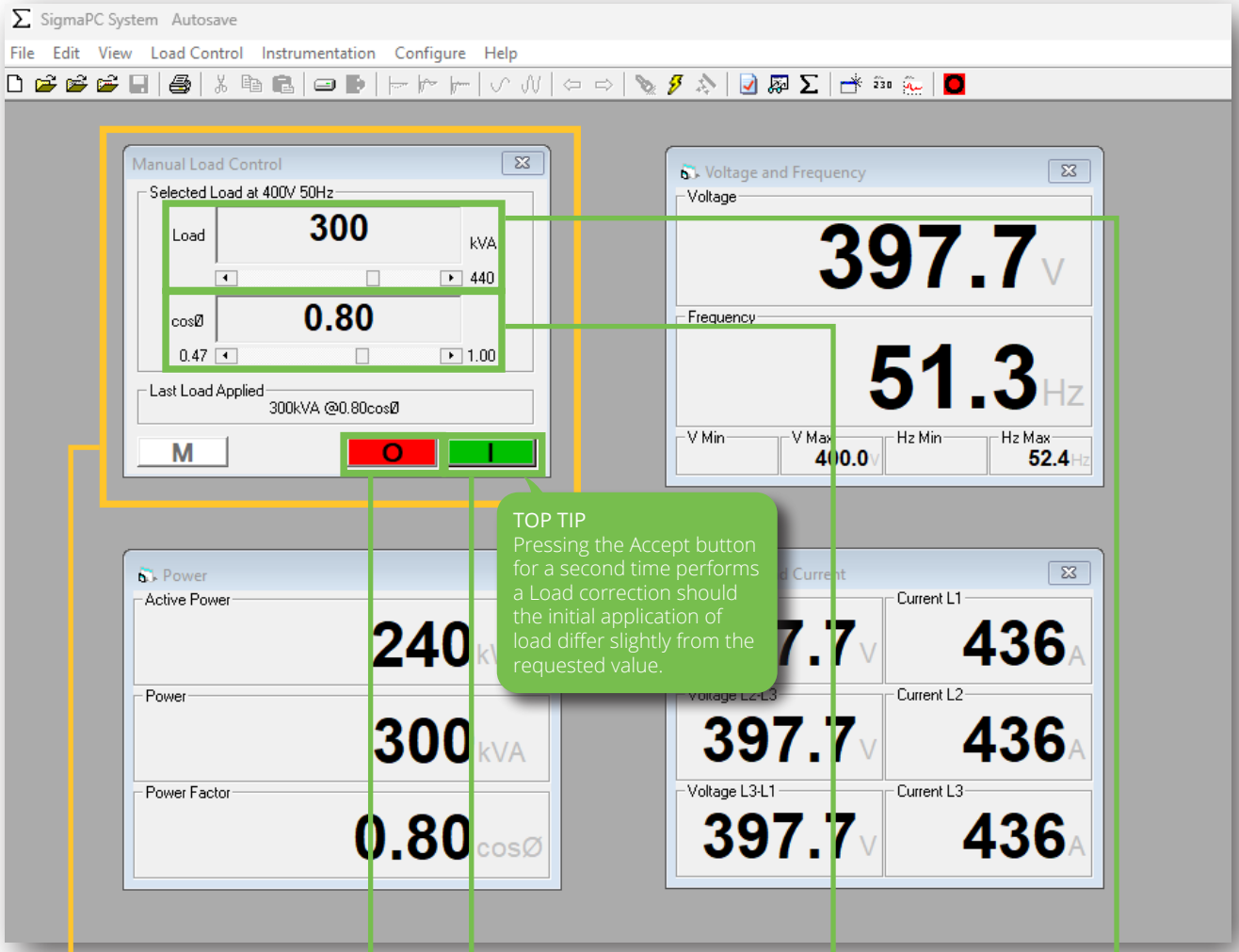
Reopen SIGMA PC Software. When connected correctly with COM Port, the software automatically performs a search to find connected load banks and supply which is shown in the Supply-on-Test and Load Bank Information window.
Click Ok to verify information.



Supply-on-Test and Load Bank Information

Manual Load Control

In the Manual Load Control window you can edit how the details will be shown. Load Selection can be shown by power or percentage. Adjustments can be made to the increments for load selection and power factor.



Maunal Load Control

ACCEPT Button

Applies load selection to supply-on-test.

POWER FACTOR

LOAD SELECTION

REJECT Button

Removes load from supply-on-test.

To apply load to supply-on-test, select the level of load to apply and click the green Accept button.

Changes can be made to load selection and power factor during the test. After each edit, click green Accept button.

To reject load at any time, click the red Reject button.

For additional training, visit the online SIGMA PC Tutorial videos.

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