

## ADC-16 Quick Start

(1) Connect your serial cable to the 6 position terminal block on your ADC-16 as follows:

Green to terminal (T) (pin 2 on DB9)  
White to terminal (R) (pin 3 on DB9)  
Red to terminal (-) (pin 5 on DB9)  
Black to terminal (S) (optional) (pin 1 on DB9)

(2) Connect the PS-GP-1 to the 6 position terminal block on your ADC-16 (-) is Black (+) is Red.

(3) Connect your serial cable to the Com 1 RS-232 port on your PC and plug in your PS-GP-1 wall adapter.

(4) Install your ADC-16 Data Acquisition software provided on the enclosed CD. Run setup.exe in the Windows Data Acquisition folder. If you receive a message that the file you are installing is older than the file on your system, keep your existing file and do not overwrite (click yes).

(5) If the ADC-16 is connected to Com 1, you may start the Data Acquisition program. If you are connected to a Com port other than Com 1, then edit the ADC-16.dat file in the Program Files\ADC-16 Analog to Digital folder (see the readme file in the same folder).

Connect a wire jumper from terminal 10 on the RCT-16 to terminal 1. Channel 1 should show 0. Connect the wire jumper from terminal 10 to the remaining channels 2 through 8 (one at a time). All channels should show 0 as the wire is connected.

Move the jumper wire from terminal 10 to terminal 9 and connect to terminal 1. Channel 1 should show 255. Repeat for channels 2 through 8. All channels should show 255.

Move the jumper wire from the top terminal block on the RCT-16 to the lower terminal block and repeat the above procedure for channels 9 through 16.

Additional testing may be done by using a 20 turn pot (10K or 20K) to apply an analog voltage to the inputs as shown in figure B on page 12 in the ADC-16 reference manual.

Please Note: When the ADC-16 inputs are floating (no connection) the inputs may show random or changing values from noise picked up by the inputs.

Electronic Energy Control Inc  
(800) 842-7714      [www.eeci.com](http://www.eeci.com)