

STA-16 Quick Start

(1) Connect your serial cable to the 6 position terminal block on your STA-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 STA-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 STA-16 test program 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 STA-16 is connected to Com 1, you may start the test program. If you are connected to a Com port other than Com 1, then edit the sta-16.ini file in the Program Files\STA-16 Digital Interface folder (see the readme file in the same folder).

After the program starts and with no voltage applied to the inputs, all channels should read 0.

Apply a DC voltage (9 to 16 volts) with (-) to terminal 10 on the RCT-16 and (+) to terminal 1. Channel 1 should show 1. Now apply the voltage to the remaining channels 2 through 8 (one at a time at terminals 2 through 8) leaving the (-) on terminal 10. All channels should show 1 as voltage is applied.

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

Additional information is provided in the STA-16 reference manual (sta-16tm.pdf).

Electronic Energy Control Inc
(800) 842-7714 www.eeci.com