



Family Software

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'Drag Racing Computers and Software' www.ifamilysoftware.com

Davis Vantage Pro - Setup

Dis-regard Davis instructions to calibrate the barometric pressure to your elevation. Elevation should always be set to ZERO (0) for drag racing purposes. We use Absolute Barometric Pressure not Corrected Barometric Pressure! The Davis console is ready to run, as is, without making any adjustments whatsoever. The Baud rate must stay at 19200 baud. You do not need to calibrate or change any settings!

Dis-regard Davis instructions for pointing the wind sensor to due North! When you setup your trailer station, the wind sensor arm should always point towards the finish line and be parallel to the race track.

Setup for Automatic Air Readings and/or Paging

Step 1. Install Davis PC Interface

1. Assemble your weather station components according to the instructions provided in the Davis manual.
2. Open the **Davis WeatherLink package** and install the **Davis PC Interface**, into the Davis Console (Display Unit) according to directions provided in the WeatherLink package. The WeatherLink box is clearly marked **Serial** or **USB**. **SERIAL WeatherLink** users **do NOT** need to install the WeatherLink software. However, **USB WeatherLink** users must follow the directions to install the WeatherLink software to your hard drive so that the **USB** driver files will be present when Windows needs them the first time you use the weather station. Make sure you follow the directions implicitly, or the driver files will not be installed.

Note: The WeatherLink program supplied with the Davis PC Interface cannot be run in conjunction with **PageAire Pro**. **PageAire Pro** communicates directly with the Davis Interface and doesn't use the WeatherLink program. You can use the WeatherLink program, but not at the same time as you are running PageAire Pro.

Step 2: Find Your PC's Serial Port Assignments

First, if you are adding a **USB Serial Port Adapter**, do that now. After you have the required serial ports installed, you need to find their **COM #** assignments:

1. Right click on My Computer and select Properties.

2. Select **Hardware/Device Manager** and go to the **Ports (Com & LPT)** section.
3. Click on the plus (+) sign to populate the list of ports currently assigned.
4. For **standard 9-pin serial ports**, look for '**Communications Port**' and notice the **COM #'s** assigned to them and write the **COM #'s** down.
5. For a **USB Serial Port Adapter**, look for '**USB To Serial Port**' and notice the **COM #** assigned to it and write the **COM #** down. You will need to know the **COM #'s** of each Comm Port you intend on using to setup the **PageAire Pro** software.

Step 3: Install PageAire Pro and RaceLog Pro Software

1. Refer to your instruction sheet to install the software on your PC.
2. Start the **PageAire Pro** software. On the **Select Weather Station screen**, click on the Button labeled, '**Davis Vantage Pro**'.
3. Click on '**Interface Setup**', then click on '**Comm Port**', enter the **COM #** of the serial port where your Vantage Pro has been connected, and click on '**OK**'.
4. Click on the button labeled '**Start**.' After about 15 seconds, you should see the weather conditions appear in the appropriate text boxes on your screen. PageAire Pro stays running in the background and sends this information to RaceLog Pro. The ET Predictor in RaceLog Pro then sends its data back to PageAire Pro to be transmitted to your pager.
5. If you have purchased the Pager system, refer to your instructions for setting up the Pager Comm Port and for entering your pager cap codes.
6. Start the **RaceLog Pro** software
7. Click on the Menu item, '**ET Predictor**'. Click on the button labeled '**Auto**.' After a few seconds, you should see the weather conditions appear in the **New Air Conditions** area of the screen. The two programs are now communicating. Setup is complete. When you exit each of the programs, these settings will all be saved.

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