



Simple Solutions

VPM Software
Quickstart Guide



VPM Software Quickstart Guide

Minimum requirements to run this software:

1. A PC running Windows 95 or later
2. 32K memory, and 4 megabytes free hard drive space
3. Available serial port
4. A Bird 5012 Wideband Power Sensor

To install the VPM software:

This CD is browser, html-based and will auto-start upon insertion into the CD-ROM drive. You do not have to be linked to the Internet for it to run, but you do need a browser installed. Microsoft Internet Explorer and Netscape Navigator also are included on this CD. If the auto-start function is not enabled on your PC follow the instructions below:

1. Insert the CD onto the CD-ROM drive.
2. Click the MY Computer icon on the desktop.
3. Click on the icon for your CD-ROM drive.
4. Double-Click the Virtual DPM.exe file.
5. Follow the on screen prompts.

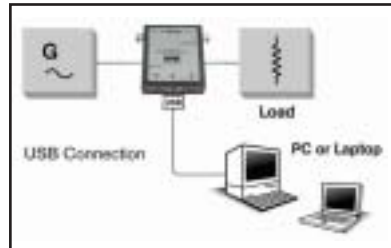
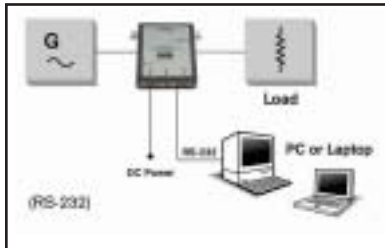
If you have problems while running the VPM software:

1. Refer to the 'readme.txt' file on the CD
2. Refer to the help file in the VPM program

To connect the sensor:

1. Insert the ac adapter's barrel connector into the power sensor's external dc connector (See picture on next page). Insert the adapter plug into a wall receptacle.
2. Check that the sensor's status LED is blinking.
3. Start the VPM program by double-clicking on the VPM icon.
4. In the Comm menu, select the com port you are using. This is usually COM1.
5. Use the serial cable provided to connect the sensor's RS-232 port to the PC's serial port.

+ **NOTE:** Support for USB connection for the WPS will be available in the near future. Do not attempt to connect a PC to the sensor with the USB port.



Future Capability

WARNING

Never attempt to connect or disconnect RF equipment from the transmission line while RF power is being applied. Leaking RF energy is a potential health hazard.

6. Connect the sensor to the RF line so that the arrow points to the load.

To use the sensor:

1. Use the speed keys to set the measurement and measurement units. The Bird WPS can measure Average, Peak, and Burst power as well as Crest Factor and CCDF. Refer to the help file for more information on the measurement modes. To select the measurement:
 - a. Press the Type up and down arrows to cycle through the possible measurements.
 - b. Press Fwd Units or Rfl Units to cycle through the possible units.
 - c. Press Offset to enter an offset (in dB) for the power measurements.
 - d. Press Filter to select the bandwidth of the video filter.
 - e. Press CCDF Limit to enter the CCDF threshold power (in Watts).
2. Turn on the RF source.
3. Reading will be displayed.



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