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1. Automotive fault finding using the ADC-212

Using automotive probes. This application note looks at how automotive probes such as current clamps and secondary ignition probes can be used with the ADC-212. It also explains how PicoScope can be customised to work with a wide range of sensors.

The application note can be found at
http://www.picotech.com/auto/auto_probes.html

Our library of automotive waveforms has also been updated and can be found at: <http://www.picotech.com/auto/waveforms.html> If you are currently using an ADC-212 for automotive work, please do send us any interesting waveforms you capture so that we can share them with others, details on this can be found at the above web page.

2. New Science Experiments

Our library of science experiments for data loggers and oscilloscopes continues to grow. The latest addition is 'Measurement of Reverberation Time' which looks at a method for characterizing the acoustic properties of a room. See these and many other interesting and educational experiments at: <http://www.picotech.com/experiments/>

3. Loudspeaker testing using the ADC-216

This new application note describes a simple method for measuring the frequency response of a loudspeaker using the Pico ADC-216 oscilloscope. Normally, specialist equipment is needed to make these measurements due to the problems of echoes in the measuring environment. The method described here takes advantage of the triggering modes and built in spectrum analyser of the ADC-216 running with PicoScope.

The application note can be found at
<http://www.picotech.com/applications/loudspeaker.html>

This application note is one of a series including
+Advantages of Pico products for audio spectrum analysis
+Example of using the ADC216 to test a CD player
+Example of using the ADC216 to test amplifiers
+Audio Amplifier design utilising spectrum analysis

All of these can be found at
<http://www.picotech.com/applications.html>

4. ADC-216 oscilloscope / spectrum analyser - special offer

This months special offer is for the ADC-216. The ADC-216 is a high resolution PC based oscilloscope / spectrum analyser. Its superb accuracy and dynamic range (100dB) make it ideal for audio, noise and vibration applications. It is supplied with PicoScope oscilloscope software, PicoLog data logging software and also drivers and examples showing how it can be used with C, Delphi, Visul Basic, Lab VIEW, Linux and Excel.

We have reduced the price of the ADC-216 from GBP 499.00 to GBP 424.15 (approx \$ 620 USD). This offer is only available for e-commerce orders through our web site. For details of the product and this special offer, follow the link below:

<http://www.picotech.com/news.html>

5. Latest software releases

As soon as we release new software it is made available for FREE download from our web site. To check which version you are using, start the software (PicoScope, PicoLog or EnviroMon) and select HELP | ABOUT. The current release is R5.06.4

Software can be downloaded from:
<http://www.picotech.com/download.html>

(Note : If you already have R5.06.3, then it is only worth upgrading to R5.06.4 if you are using DrDAQ with reed switch sensors, these are not supported in earlier versions).

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