Prism Sound, world-renowned leaders in digital audio engineering, bring you a truly unique audio measurement system, loaded with innovations and exclusive features to help you design and test faster.

### Beyond Traditional Measurements

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#### dScope Series III - No Ordinary Audio Instrument

**Analogue and Digital Audio Analyzers**

**dScope Series III**

- Analogue and Digital Audio Analyzers
- **dScope Series III** - No Ordinary Audio Instrument

The world’s most comprehensive and powerful measurement instrument for analogue and digital audio devices, including AES3 and I²S interfaces, Bluetooth® systems, acoustic transducers and Windows™ audio devices.

### Applications

- **Automotive**
- **MANUFACTURE**
- **BLUETOOTH AUDIO**
- **MOBILE AUDIO**
- **Broadcast**
- **Music Industry**
- **Computer Audio**
- **Pro Audio**
- **Education**
- **R & D**
- **Electroacoustics**
- **Semiconductor**
- **Telephony**
- **Service**
- **Home Entertainment**
- **Converters**

### Features

- **Speed**
  - Over 100 concurrent measurements for faster analysis
  - Real time interaction for instant measurement feedback
  - Built in automation for rapid, repeatable tests
  - Multi-tone testing for high volume manufacturing
  - Windows™ Audio Device I/O for real-time soundcard analysis

- **Simplicity**
  - Auto Sequence; easily create test sequences and reports
  - Simple USB connection to host PC
  - Most compact audio bench instrument available
  - Programmable shortcuts to frequently used tests
  - ActiveX / COM control for QC integration, e.g. LabVIEW
  - Field calibration utility to reduce downtime
  - Turnkey packages for zero learning curve deployment

- **Power**
  - Unrivalled analysis power at an unbeatable price
  - ‘Smart FFT’ Detectors for the most revealing analysis
  - World’s most advanced digital audio debug tools
  - Twin generators for independent and arbitrary waveforms
  - Advanced sweeps for unrivalled analysis detail
  - Quasi-anechoic acoustic transducer measurements
  - Event manager; your always-on Watchdog Monitor

### Call now to arrange a demo with your local representative:

**USA:** +1 973 983 9577  
**sales@prismsound.com**

**UK:** +44 (0)1353 648888  
**www.prismsound.com**
dScope Series III Innovations and Exclusive Features

The ONLY audio analyzer with ‘Smart FFTs’
Beyond THD+N - determine how your device REALLY performs

Scope traces, FFTs, residual distortion traces, sweeps, continuous time analysis, ‘Smart FFT’ Detectors, jitter measurements, digital metadata and more. Over 100 live measurements at once – no waiting for test sequences to complete!

The ORIGINAL audio analyzer with live interaction
Test faster than ever with over 100 simultaneous live results

Powerful tools to continually monitor and log status changes and limit breaches. Flexible error reporting including email alerts when an error is detected. Ensure you never miss a glitch with a software log file that can run indefinitely.

EXCLUSIVE Event Manager toolbox
Always-on watchdog monitor that NEVER misses a glitch

Unique tools to address Windows™ audio devices and Bluetooth® systems directly from the dScope Series III software. Avoid external editing software, and measure faster in a closed loop, in real time.

The world’s FIRST complete Bluetooth audio test solution
Bluetooth audio testing made faster and easier!

Perform all of your loudspeaker system measurements in one instrument: From digital inputs to I²S interfaces, through analogue and class D amplification to acoustic transducers.

Electronic and electroacoustic test
Measure your ENTIRE loudspeaker with a single instrument

Standalone automation via in-built, easy-to-use VBScript development environment.

ActiveX/COM control interface
SIMPPLY integration with your automation system

Automation also supported via 3rd party software, e.g. Teststand, LabVIEW, Python, C#, Visual Basic, Delphi, etc.

Test automation easier than ever
Auto Sequence: create sequences and reports without scripting

Create automated test sequences, with limit checking and reporting, faster than ever before. All the analysis power of the dScope Series III, the simplicity of a click-and-run interface, and no code writing.
dScope Series III Functions and Capabilities

**Signal Analyzer**
- **Amplitude**
- **Frequency**
- **Phase**

**Continuous-Time Detector**
- **Amplitude**
- **Gain**
- **Noise**
- **Cross-talk**
- **THD+N**
- **IMD**

**FFT Detectors**
- **Amplitude**
- **THD**
- **Residual Noise**
- **Nth Harmonic**
- **IMD**
- **User-defined**

**Graphical results**
- **Live Scope**
- **Live FFT**
- **Live Residual**
- **Live Residual FFT**
- **Gated Impulse**
- **Analysis Filters**

**Swept results**
- **vs Frequency**
- **vs Amplitude**
- **Nested**
- **vs Power**
- **vs Time**
- **vs Jitter Amplitude**

**Generator Functions**
- **Periodic**
- **Twin-tone**
- **Noise**
- **Multi-tone**
- **Chirp**
- **Prism Sound JTest**

**Digital Parameters**
- **Digital Inputs**
- **Digital Carrier**
- **Eye Diagram**
- **Jitter Spectrum**
- **Channel Status 1**
- **Channel Status 2**
dScope Series III Instruments Available in Four Versions

- **dScope Series III** Analogue and Digital Audio Test System. The ultimate instrument with extensive analogue and digital capabilities.
- **dScope Series IIIE** Analogue-and-Digital Essentials Audio Test System. All the essential tools, ideally suited to price sensitive analogue and digital QC applications.
- **dScope Series IIIA+** Analogue-Plus Audio Test System. All the power of the dScope Series III, but without digital I/O.
- **dScope Series IIIA** Analogue Audio Test System. For those who don’t need the full power of dScope Series III.

### Options

<table>
<thead>
<tr>
<th>Options</th>
<th>dScope Series III</th>
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<th>dScope Series IIIA+</th>
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<td>All functions</td>
<td>Sine Swept Sine, Twin Tone, White Noise &amp; Pink Noise only</td>
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