

# Campbell Associates Limited

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Peter Davison  
Dover District Council  
Environmental Protection  
White Cliffs Business Park  
Dover  
Kent  
CT16 3PJ

21 September 2012

## Equipment Quotation Reference: **DOV320 / 7406**

Dear Peter,

### Noise Monitoring Equipment

As requested please find attached details and pricing for the Norsonic 140 Noise Nuisance Recorder.

As you know we have a very long and good track record in Noise Nuisance investigation equipment with over 500 systems sold to local authorities and housing associations over the last 8 years.

The key features of the system are:

- ◆ A compact hand held meter with audio recording for Noise Nuisance Investigations
- ◆ Simple 2 button setup for operator ease of use.
- ◆ Sturdy case within carry case system for discreet deployment. (Without external connectors susceptible to damage).
- ◆ Full fidelity (24 bit 48kHz) audio recordings not compressed audio.
- ◆ Variable audio recording lengths.
- ◆ Recording Pre-trigger (up to 99 secs)
- ◆ Levels logged once a second (or faster if necessary) for accurate detection of impulse noises (dogs barking, banging on walls etc).
- ◆ 3 Year Manufacturers Warranty.
- ◆ Free telephone and one-on-one web support for the life of the equipment.
- ◆ Easy to use software (Nor-Review) allowing easy audio play back (via list of recordings that can be compared to diary sheet) and the ability to add markers to identify noise sources.
- ◆ CD-ROM Interactive Training Tutorial.
- ◆ Speedy download from SD (Secure Digital) Card.
- ◆ Trigger levels can be set to start recordings automatically if complainant not present.
- ◆ Optional video system to identify specific noise sources.

### Complete Measurement System

<b>NOR-140/NNR - Noise Nuisance Recording System</b>	<b>2 @</b>	<b>£5,385</b>	<b>£10,770</b>
Compact noise nuisance recorder. Delivered with Norsonic 140 analyser with options, 04 statistics, 06 level versus time, 08 audio recording and 16 trigger. Includes Nor-1020 Xfer and Nor-1026 Review post processing software with option 04 media player. Nor-1225 microphone, Nor-1209 preamplifier, Nor-1451 windshield, Nor-1261 tripod adaptor, Nor-4525 USB data transfer cable, Nor-1036 Nor-Virtual instrument, CA-1318 tough case, CA-1336 Rucksack, Nor-263A hand switch, Nor-1410A cable, Nor-1114/2 2GB SD memory card, CA-4001 tripod, CA-4010 Padlock & CA-340 mains adaptor.			
<b>NOR-1026/01 - Editing and calculation module</b>	<b>2 @</b>	<b>£725</b>	<b>£1,450</b>
Allows for the editing of Lt graphs with markers and noise sources with descriptors. Performing averages and Ln calculation over selected time intervals and event identification in the Lt record, performing Marker management.			
<b>Nor-1026/03 - Nor-Review multi file read in option</b>	<b>2 @</b>	<b>£286</b>	<b>£572</b>
For displaying and calculating of multiple measurement files consecutively or in parallel as well as for combining multiple project files.			
<b>NOR-1026/05 - Nor-Review report module</b>	<b>2 @</b>	<b>£286</b>	<b>£572</b>
Uses editable word templates to prepare user defined reports. Requires Microsoft Word 2000 or newer.			

# Equipment Quotation

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**NOR-1251 - Acoustic calibrator, class 1** 2 @ £688 £1,376

Smart calibrator for use with precision measurement microphones having self-compensation for microphone volume, barometric pressure, temperature and humidity. Complies with BS EN 60942:2003 for a class 1 device. Produces 114dB at 1k Hz. Supplied in leather case complete with Nor-1443 coupler to allow use with one and half inch measurement microphones, for quarter inch capsules specify the Nor-1444 coupler.

**Total = £14,740**

**Symphonie unit Trade-in Discount = - £4,950**

**Discounted Total = £9,790**

## Additional Frequency Analysis

**Nor-140/01 - Real Time 1/1 Octave Band Filters** 2 @ £795 £1,590

Real Time 1/1 Octave band filters in the 0.5 to 16,000Hz range.

**Nor-140/03 - Real time third octave band analysis option** 2 @ £795 £1,590

1/3 octave filter bands extension in the 0.4Hz to 20kHz range. (Requires option 1)

**Nor-140/05 - Parallel F,S,I** 2 @ £408 £816

Measures all 3 time constants simultaneously

**Nor-140/07 - Enhanced time profile option** 2 @ £795 £1,590

Advanced level recorder option with markers for noting events during measurements. Storage of user selectable parameters in programmable period lengths from 25s onwards. (Requires option 06)

**Nor-140/14 - FFT Measurement mode** 2 @ £985 £1,970

FFT measuring mode with absolute unit display presentation, based on an 8000 line analysis covering the 0 to 24 000Hz frequency band with 2.93Hz line separation.

**Total = £7,556**

**End of Season Discount = - £5,150**

**Discounted Total = £2,406**

## Review Tablet

**CA-5200 - Review Tablet** 1 @ £645 £645

Tablet for reviewing measurements. Pre-installed with Norsonic software. SD card slot, docking station and leather case included.

**Total = £645**

**Special Offer = - £50**

**Discounted Total = £595**

The instrumentation quoted is covered by a **three** year manufactures warranty on a return to base

All Prices are valid for thirty days and are EXCLUSIVE of POST & PACKAGING costs and V.A.T.

If you require any additional information please do not hesitate to contact us.

Yours sincerely

**Lee Bearman**

for and on behalf of

Campbell Associates Limited