

# NOISE-LOG

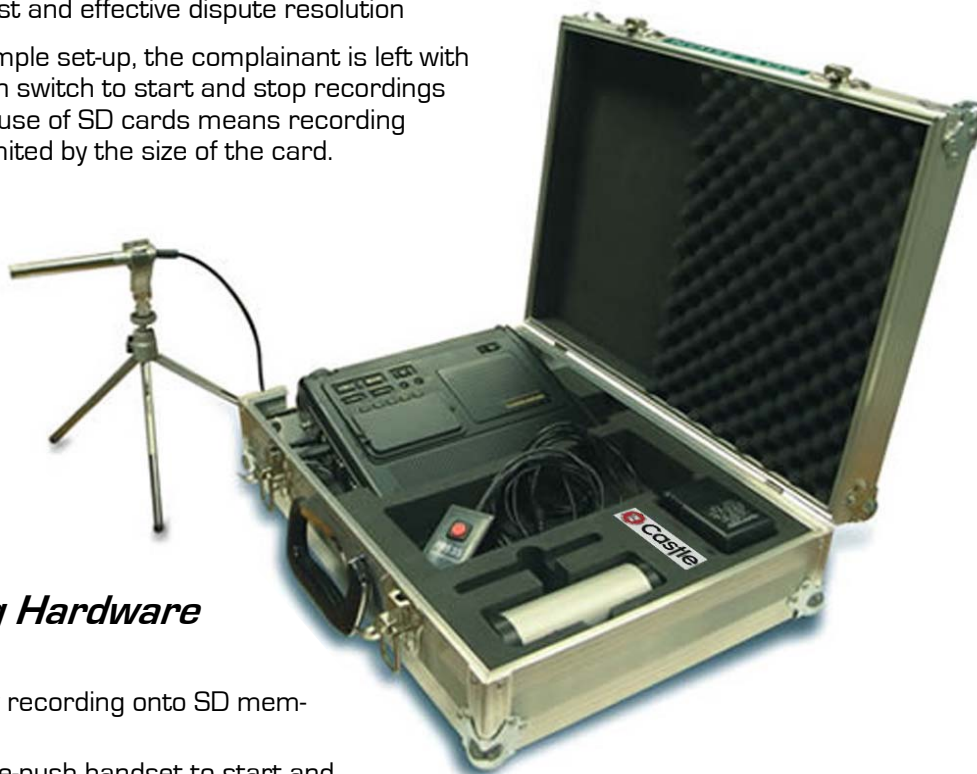


## The Castle NoiseLog— Noise Recorder

Recording neighbourhood nuisance noise has always been a costly, time-consuming affair with tape storage, calibration difficulties and analysis problems afterwards.

The Castle NoiseLog solves all of these problems providing a cost effective solution allowing noise complainants to record offending noises for measurement and identification, thus assisting with fast and effective dispute resolution

Following a simple set-up, the complainant is left with a single button switch to start and stop recordings instantly. The use of SD cards means recording time is only limited by the size of the card.



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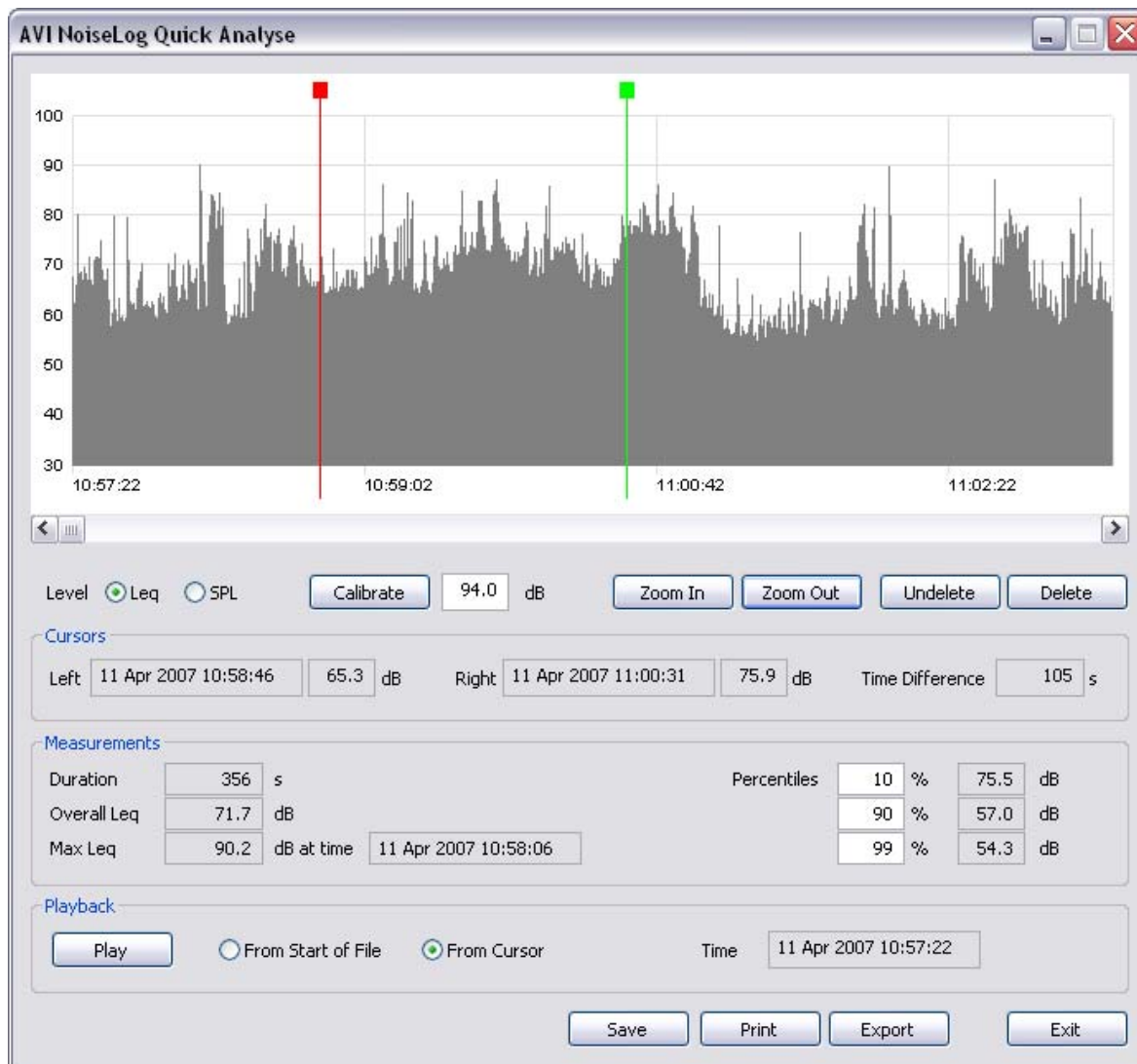
### *NoiseLog Hardware*

- CD quality recording onto SD memory card
- Simple one-push handset to start and stop recording
- No tapes or moving parts to wear out
- Dynamic range > 70 dB linear
- Date and time stamped on each recording
- Calibrated using industry-standard 94 dB calibrator – available as an optional extra if required
- All contained in one robust, lockable metal case. All cable connections and controls except handset not accessible once locked.  
Case size 445 x 325 x 125mm.weight 5.8 kg
- Recording time only limited by size of SD card memory fitted. Supplied with 1GB card giving 3.25 hours recording at 44.1 kHz sampling rate
- Available in 3 versions – Class 1, Class 2 and budget
- Class 1 and Class 2 versions meet the same frequency response and dynamic range requirements as sound level meters complying with IEC 60651 or IEC 61672
- Class 1 and 2 versions can be verified by UKAS –accredited calibration
- Supplied with mains power unit, handset, microphone, preamplifier and cable with table-top tripod and mounting adaptor



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## NoiseLog Software

- Software analysis package for any .wav or .bwf files including Noise-Log SD memory cards
- Download all files from card to PC either via USB link from recorder or by plugging card into PC reader
- Save, combine and rename files on PC
- Analyse files on screen with graph of level against time
- Analysis shows Max. SPL and time of occurrence, total measurement Leq and duration and 3 Ln values for whole file in one go
- Zoom in to any section of the recording – same analysis available for new period of the recording
- Delete unwanted sections of recording and re-analyse on screen
- Save all modifications to PC, printout of any screen display. Export of data in formats to incorporate into reports, text only or text and graphs
- Enables almost instant viewing of complete file, enabling noisy periods to be rapidly identified and analysed – including listening to the noisy section only

