

Certificate of Calibration

Certificate No.: 

Object: Sound Analyser Nor139

Supplier: Norsonic AS

Type: Nor139

Serial number:



CONFIDENTIAL

Client:

This instrument is tested and calibrated in accordance to the Norsonic production standard set for Nor139, ensuring that the instrument conforms to the following standards;

IEC 61672-1:2002 class 1
IEC 61260-1 class 1 Ed 1.0 2014-02
ANSI S1.4-1983 (R2001) with amd. S1.4A-1985 class 1
ANSI S1.43-1997 (R2002) class 1
ANSI S1.11-2004 class 1
DIN 45 657, Applicable parts
IEC 61094 part 4

Instrumentation used for calibration traceable to:

Electrical Parameters: MT, Norway
Acoustical Parameters: PTB, Germany
Environmental Parameters: Justervesenet, Norway

Adjustments: None

Comments: None

Date of calibration: 2017-06-02
Calibration interval recommended: 2 years

The environmental parameters applicable to this calibration are kept well within limits ensuring negligible deviation on obtained measurement results.

Calibrated by:

Sign.



Norsonic

P.O. BOX 24, N-3420 LIERSKOGEN, NORWAY
TEL: +47 32 85 89 00

Warranty

Norsonic products are thoroughly inspected before they leave the factory. Carefully check the shipment for any physical damage in transit. Notify the factory or the distributor and file the claim with the carrier if there is any such damage.

Product type: Sound Analyser Nor139

Serial no.:

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Power: 11-15 Volt DC

Option included: 1,3,4,5,6,7,8,16,58,68

Option description:

00: Tmax 5 and Leq1 according to German standards
01: 1/1 octave real time frequency filters 0,5 - 16.000Hz
03: 1/3 octave real time filters 0,4 - 20.000Hz, require opt 2
04: Statistical Calculations for weighting network and 1/n octave filters
05: Parallel calculation of F, S, I time constants
06: Profile. L/t measuring mode w / multi spectrum if opt 2 or 3 are installed
07: Enhanced profile including 4 markers and time resolution from 50ms
08 Sound recording
16: Enhanced global trigger

Application version:

3.1.984 2015-03-27 09:58r

Id no.:

CONFIDENTIAL

Accessories:

Preamplifier 1207
Microphone 1228

Serial No.:
Serial No.:

CONFIDENTIAL

Related to order:

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Checked and approved by:

Date: 2017-06-02



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Warranty statement

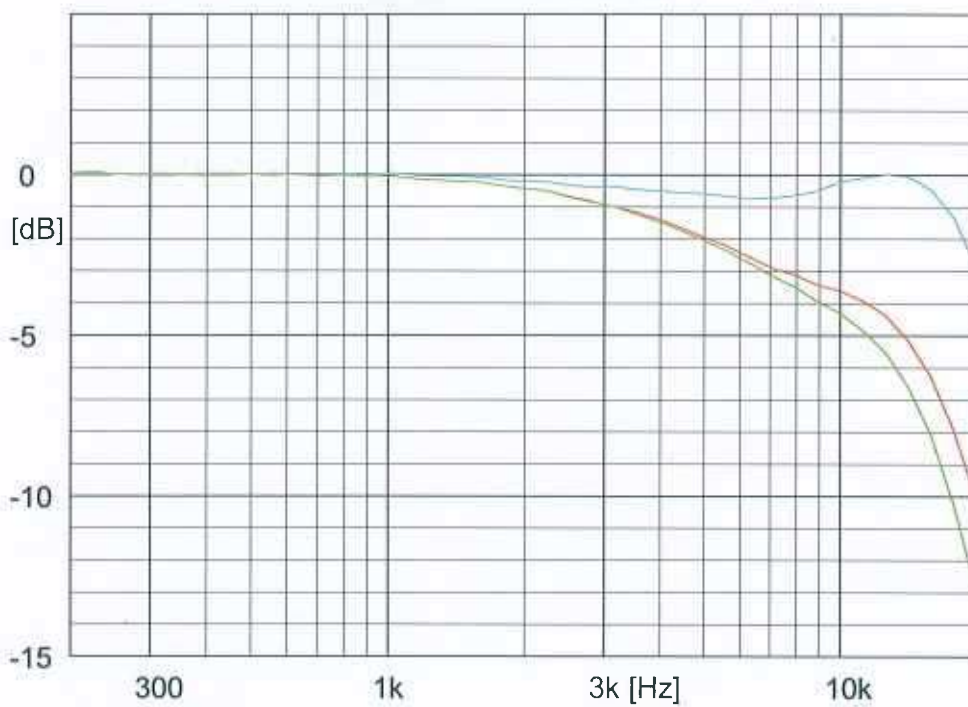
Norsonic products are warranted against defects in material and workmanship. This warranty applies to 36 months from date of delivery.

Norsonic AS will repair or replace equipment, which proves to be defective during the warranty period. This warranty includes labour and parts. Equipment returned to the factory, for repair must be shipped freight prepaid. Repair due to misuse of the equipment and/or use of hardware, software or interfacing not provided by Norsonic AS are not covered by this warranty.

No other warranty is expressed or implied, included, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Norsonic AS shall not be liable for consequential damages

Microphone Calibration Certificate



Norsonic
Type: 1228

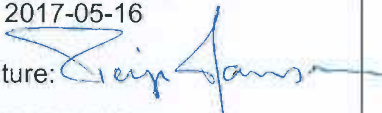
Serial no: CONFIDENTIAL

Sensitivity: 58,8 mV/Pa

-24,6 dB re. 1 V/Pa

Capacitance: 15,7 pF

Date: 2017-05-16

Signature: 

Measurement conditions:

Polarisation voltage: 0,0 V

Pressure: 99,60 kPa

Temperature: 23,5 °C

Relative humidity: 38,2 %RH

Results are normalized to
the reference conditions.

Free field response

Diffuse field response

Pressure (Actuator) response

Norsonic AS

www.norsonic.com