Manufacturer Calibration Certificate

The following instrument has been tested and calibrated to the manufacturer specifications.
The calibration is traceable according EN ISO / IEC 17025 covering all instrument functions.

- Device Type: **M4260**
- Serial Number: **3715**

- Date of Calibration: **27 May 2014**
- Next Calibration Due: **27 May 2015**

- Results: **PASSED**
  (for detailed report see next page)

Tested by: M.Frick

Signature:

Stamp:

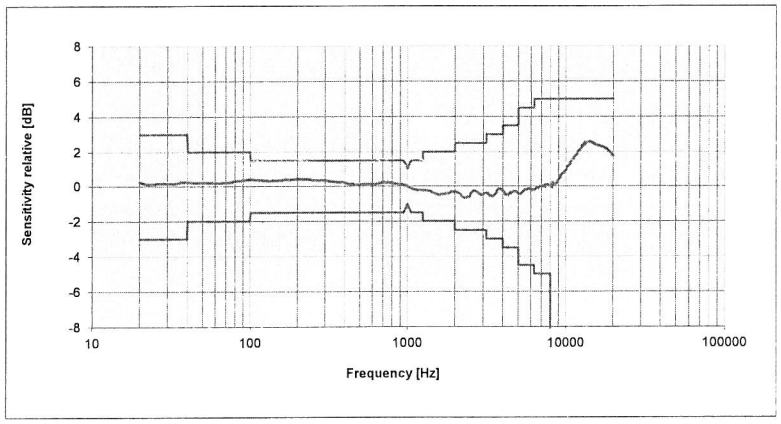
NTi Audio AG
Im alten Riet 102
LI - 9494 Schaan
www.nti-audio.com

Date: 27 May 2014
Calibration of: M4260
Serial Number: 3715

- Measurement Data on Receipt: **in tolerance**

- Detailed Calibration Test Results:

	before	actual	calibration uncertainty[1]
System calibration			
Sensitivity @ 1 kHz, 114 dBSPL	26.1 mV/Pa	**26.3 mV/Pa**	±2.85%
Frequency response	Class 2	acc. IEC 61672	



- Test Conditions:

Temperature:	**24.1°C**	±0.5 °C
Relative Humidity:	**40.3%**	±2%
Air Pressure:	**96.01 kPa**	±0.25 kPa

- Calibration Equipment Used:

- Norsonic Sound Calibrator, Type 1251, S/No. 30930
  Last Calibration: 3. Dec. 2012, Next Calibration: 3. Dec. 2014
  Calibrated by Metas, Switzerland

- NTi Audio FX100, S/No. 10402
  Last Calibration: 17. Aug. 2013, Next Calibration: 17. Aug. 2014
  Calibrated by NTi Audio meeting product specifications

- MTG MV203, S/No. 0630 / Mic Capsule, MK221 S./No. 13164
  Last Calibration: 26. Jun. 2012, Next Calibration: 30. Jun. 2014
  Calibrated by MTG, Germany

[1] The expanded uncertainty assigned to the measurement results is obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measurand lies within the assigned range of values with a probability of 95%.

Calibration of: XL2
Serial Number: A2A-06530-E0
Date: 27 May 2014

- Measurement Data on Receipt: **in tolerance**

- Detailed Calibration Test Results:

		reference	before	actual	unit	actual error	XL2 tolerance	calibration uncertainty[2]
RMS Level @ 1kHz, XLR Input		0.1	0.100	**0.100**	V	≤0.1%	±0.5%	±0.10%
		1	1.000	**1.000**	V	≤0.1%	±0.5%	±0.09%
		10	9.991	**9.990**	V	-0.1%	±0.5%	±0.09%
Flatness, XLR Input[1]	20 Hz	1	0.997	**0.997**	V	-0.3%	±1.1%	±0.09%
	20 kHz	1	1.005	**1.004**	V	0.4%	±1.1%	±0.09%
Frequency		1000	1000.00	**1000.01**	Hz	≤0.003%	±0.003%	±0.01%
Residual Noise	XLR		< 2 uV	**< 2 uV**			<2 uV	±0.50%
THD+N @ 0 dBu, 1 kHz, XLR Input			-99.2	**-99.2**	dB		typ. -100 dB	±0.50%

- Test Conditions: Temperature: **24** °C
  Relative Humidity: **37** %

- Calibration Equipment Used:

  - Agilent Multimeter, Typ 34401A, Serial No. US 3611 3653
    Last calibration: 12.08.2013. Next calibration due: 12.08.2014
    Calibrated by ELCAL to the national standards maintained
    at Swiss Federal Office of Metrology. SCS 002

  - FX100 Audio Analyzer, Serial No. 10408
    Last Calibration: 08.05.2013, Next Calibration: 08.05.2014
    Manufacturer calibration based on Agilent 34410, Serial No. MY47014254,
    Last Calibration: 05.06.2013, Next Calibration: 05.06.2014
    which is calibrated by ELCAL to national standards maintained
    at Swiss Federal Office of Metrology. SCS 002

[1] The specified tolerance +/-0.1 dB @ 1V = +/- 1.1%

[2] The expanded uncertainty assigned to the measurement results is obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measurand lies within the assigned range of values with a probability of 95%.

Manufacturer Calibration Certificate

The following instrument has been tested and calibrated to the manufacturer specifications.
The calibration is traceable according EN ISO / IEC 17025 covering all instrument functions.

- Device Type: **XL2**
- Serial Number: **A2A-06530-E0**

- Date of Calibration: **27 May 2014**
- Next Calibration: **27 May 2015**

- Results: **PASSED**
  (for detailed report see next page)

Tested by: M. Frick

Signature:

Stamp:

NTi Audio AG
Im alten Riet 102
LI - 9494 Schaan
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