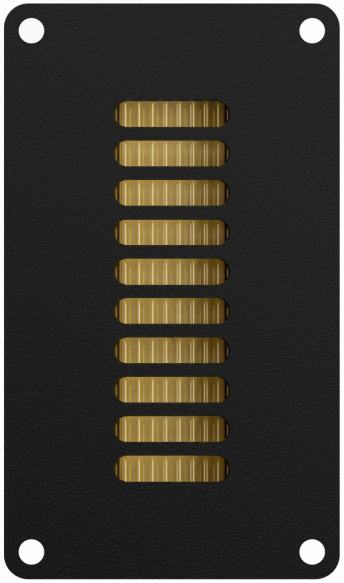
AMT U80W1.1

Samples available: Immediatley
Start of sale: Immediatley

Tweeter

AMT U60W1.1 and **AMT U80W1.1** could be described as the small and the large all-rounder of this product range. Both can be used in small or medium 2-way and 3-way systems. **AMT U80W1.1** offers additional dynamic range. Both convince with the decisive quality features of the **AMT U.Series** with **Mundorf diaphragm**: Exceptionally low K3 / K5 distortion data, a truly powerful music performance within the entire application range and, at the same time, the fine micro-dynamics and richness of music details that distinguish all **Mundorf AMT's**.



AMT U80W1.1

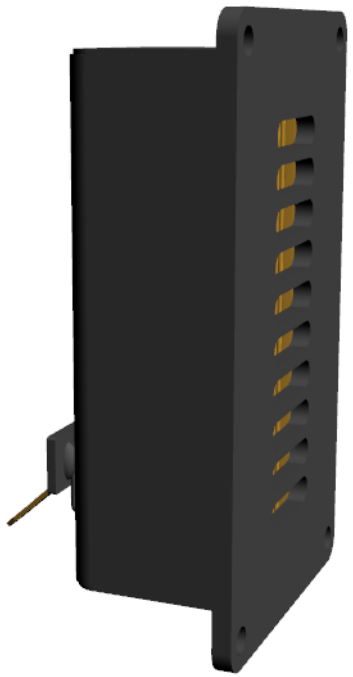
MUNDORF®

Specifications

Nominal Impedance	4 Ω
DC Restistance (R_{dc}) (Z_{min})	4.4 Ω
Sensitivity (2,83 V / 1m) [1]	94 dB
Resonance Frequency (FS)	2150 Hz
Frequency Response (-6dB)	1.8 kHz - 31 kHz
Frequency Response (-10dB) [1]	1.4 kHz - 34 kHz
Crossover from (filter 12dB/6dB/Oct.)	2.0 kHz / 3.0 kHz
Nominal Frequency Range [3]	2.2 kHz - 31 kHz
Power Handling, long term [1, 2]	15 W
Power Handling, short term [1, 2]	90 W
Max. Input Voltage, long term [1, 2]	7.7 V_{rms}
Max. Input Voltage, short term [1, 2]	19 V_{rms}
Effective Piston Area	31.4 cm²
Total Weight	0.360 kg
Face Plate	optional

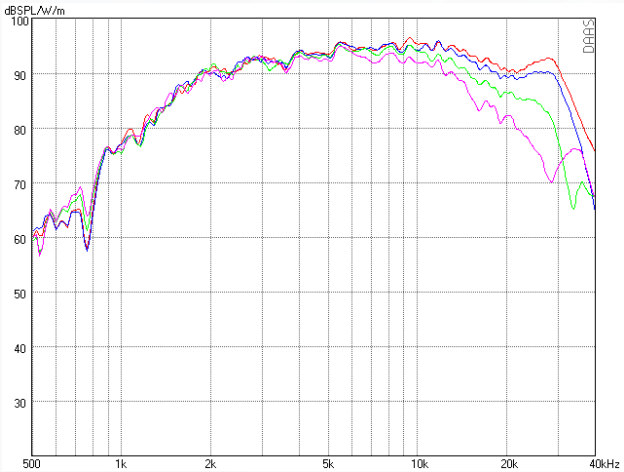
1) according to IEC 60268-5
2) via High Pass Filter, Butterworth 2200 Hz 12 dB/Okt.
3) according to power measurement

Interactive 3D Model

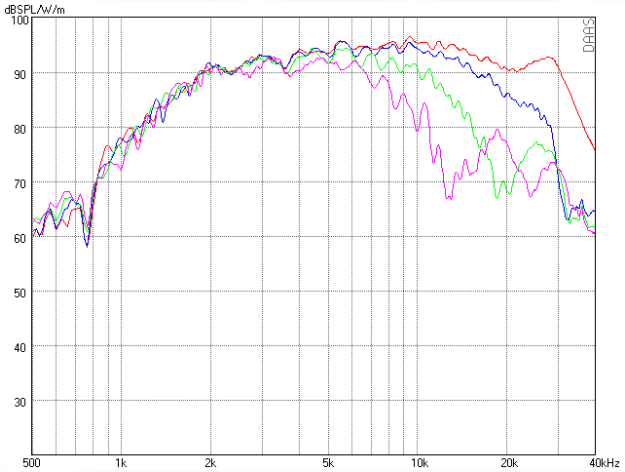


Measurements

SPL Horizontal 0° - 15° - 30° - 45°

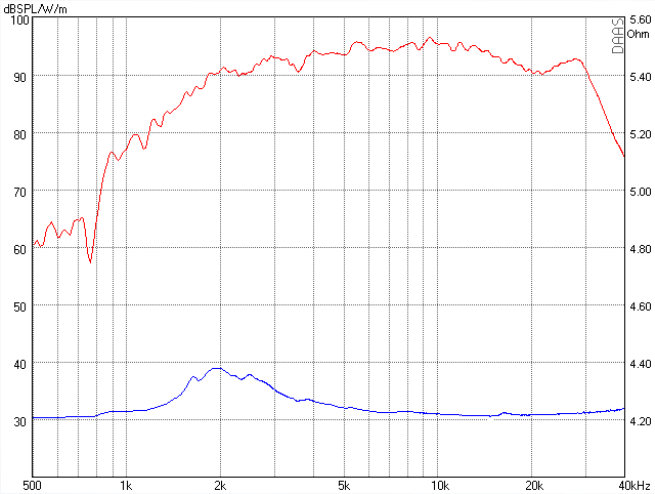


SPL Vertical 0° - 10° - 20° - 30°

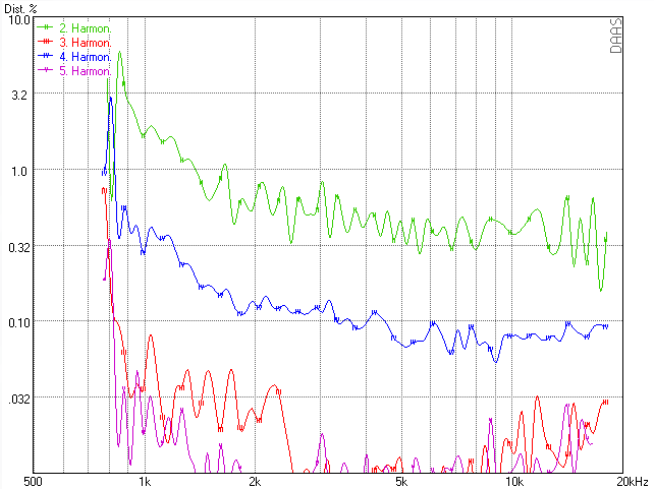


Measurements

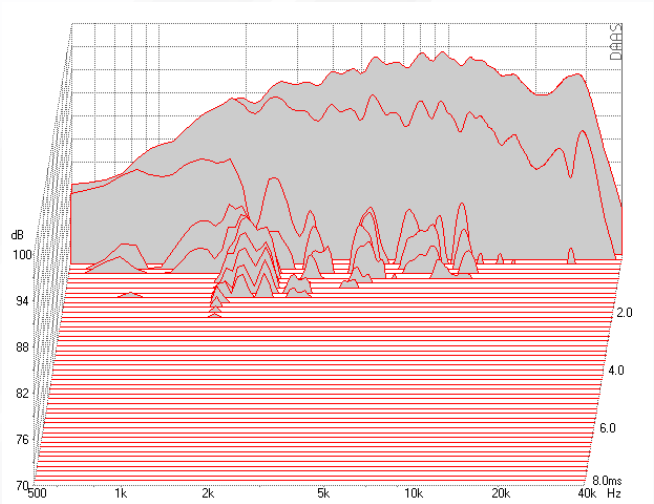
SPL - Impedance



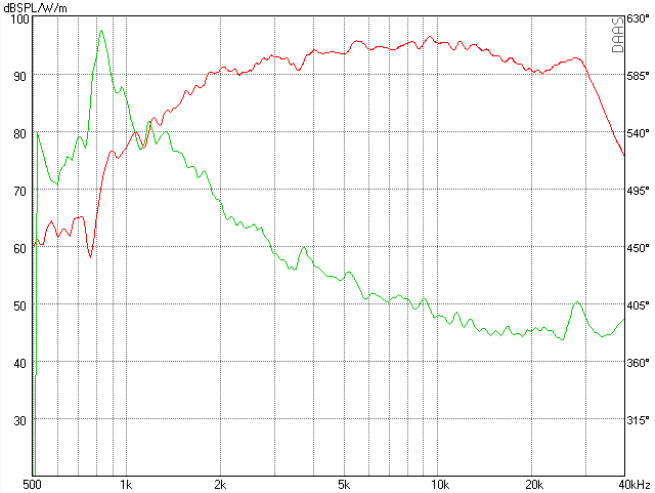
Harmonic Distortion 2.83 V



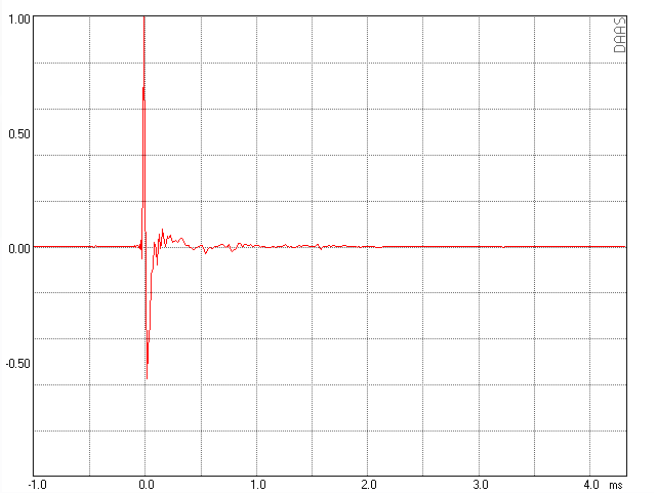
Waterfall



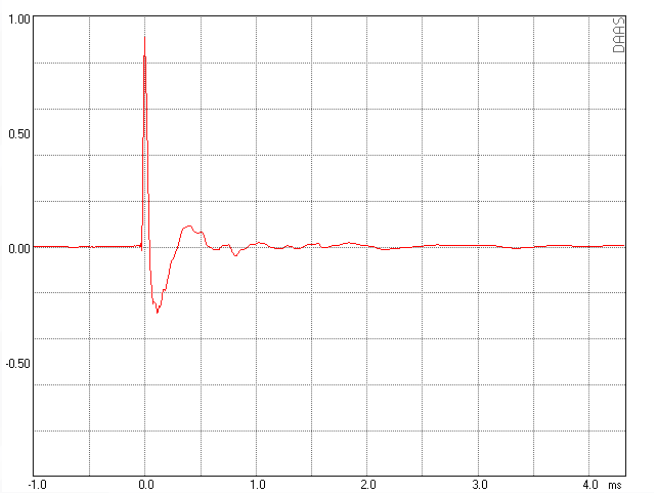
SPL - Phase



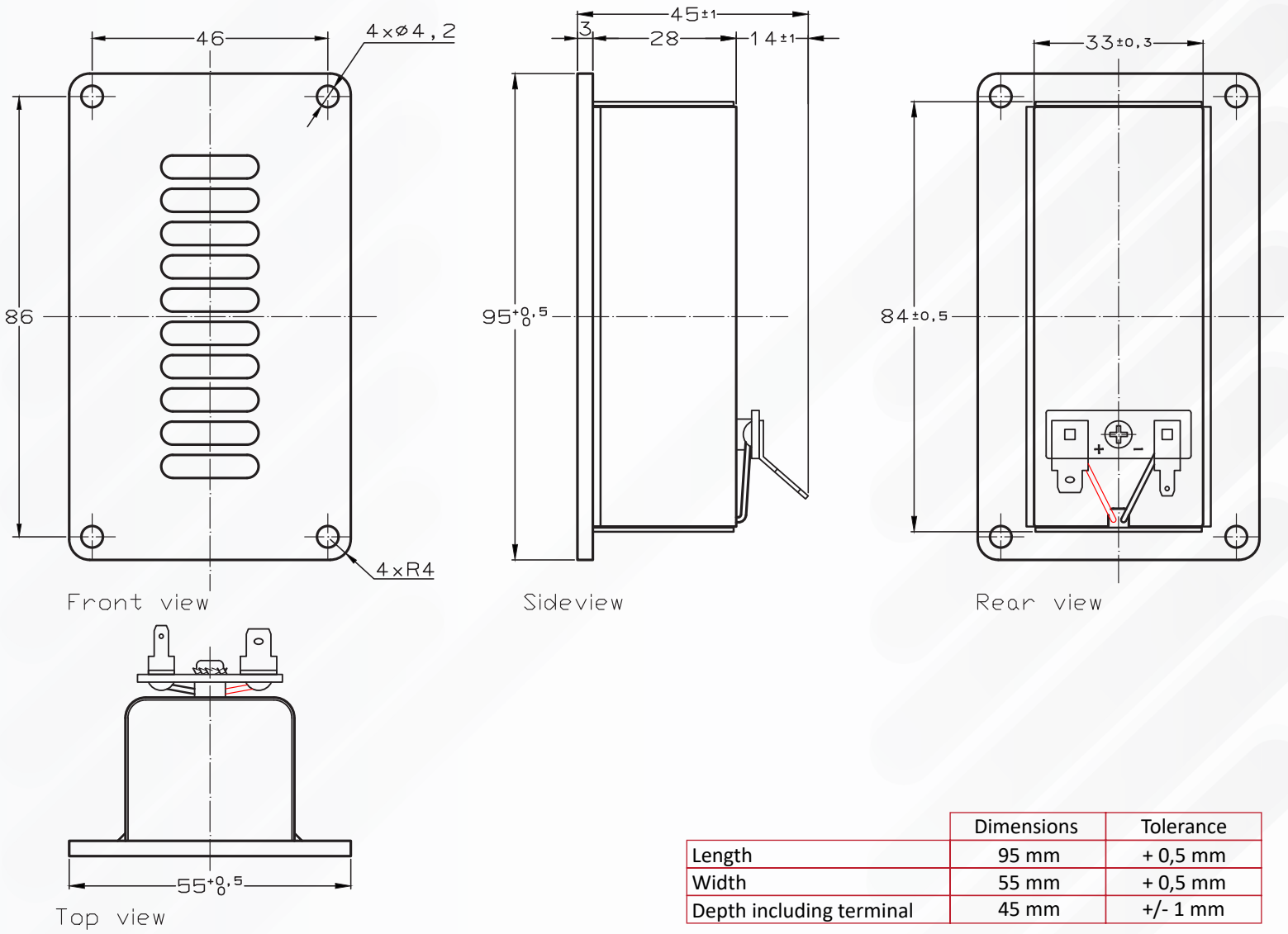
Impulse Response



Step Response



Dimensions



	Dimensions	Tolerance
Length	95 mm	+ 0,5 mm
Width	55 mm	+ 0,5 mm
Depth including terminal	45 mm	+/- 1 mm

All measurements are in mm.