

AMT U160W1.1-R

Samples available: Immediately

Start of sale: Immediately

Tweeter

AMT U160W1.1 combines its impressive SPL reserves 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**. The first choice when life-like music performance has to be achieved at farther distant listening areas. Be it with big floor standers in large rooms or surround speakers in huge luxury hi-end home cinemas. Due to its front panel geometry, it is ideally suited for vertical grouping of several tweeters in one line (stacking). In fact, with its remarkable performance **AMT U160W1.1** truly borders the domestic areas of PA applications.



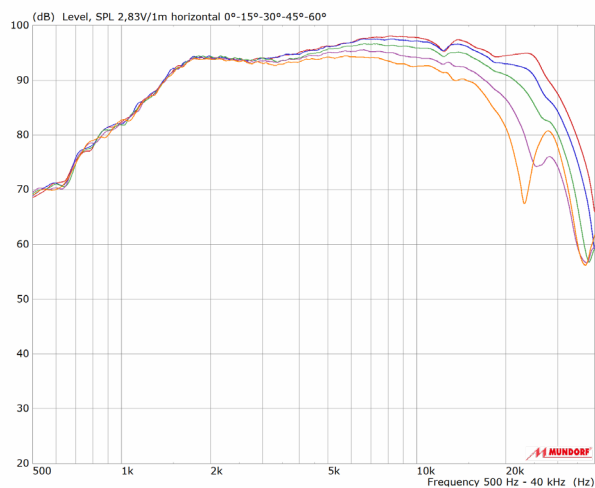
Specifications

Nominal Impedance	4 Ω
DC Resistance (R_{dc}) (Z_{min})	4.6 Ω
Sensitivity (2,83 V / 1m) ¹	93 dB
Resonance Frequency (FS)	1750 Hz
Frequency Response (-6dB)	1.2 kHz - 28 kHz
Frequency Response (-10dB) ¹	1.0 kHz - 30 kHz
Crossover from (filter 12dB / 6dB/ Oct.)	1.5 kHz / 2.3 kHz
Nominal Frequency Range ³	1.6 kHz - 28 kHz
Power Handling, long term ^{1,2}	15 W _{rms}
Power Handling, short term ^{1,2}	140 W _{rms}
Max. Input Voltage, long term ^{1,2}	7.7 V _{rms}
Max. Input Voltage, short term ^{1,2}	23.7 V _{rms}
Effective Piston Area	68.1 cm ²
Total Weight	0.630 kg
Face Plate	optional

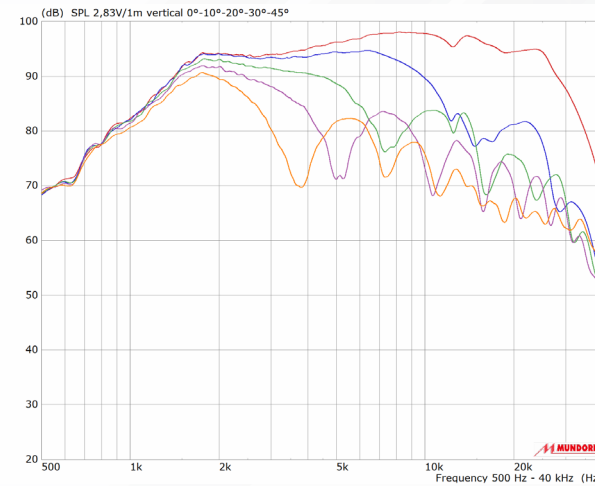
1) according to IEC 60268-5
 2) via High Pass Filter, Butterworth 2500 Hz 12 dB/Okt.
 3) according to power measurement

Measurements

SPL Horizontal 0° - 15° - 30° - 45° - 60°

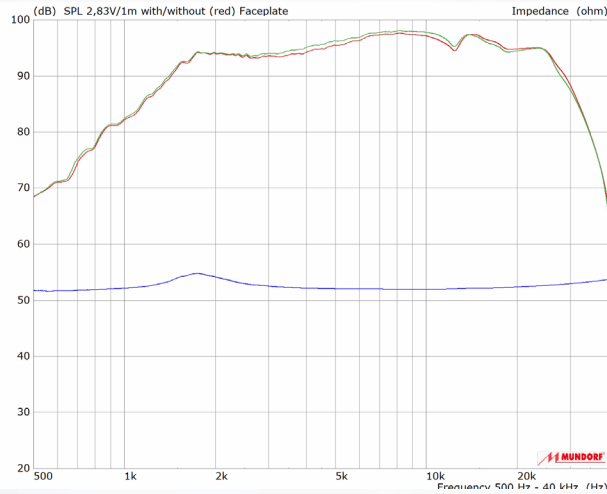


SPL Vertical 0° - 10° - 20° - 30° - 45°

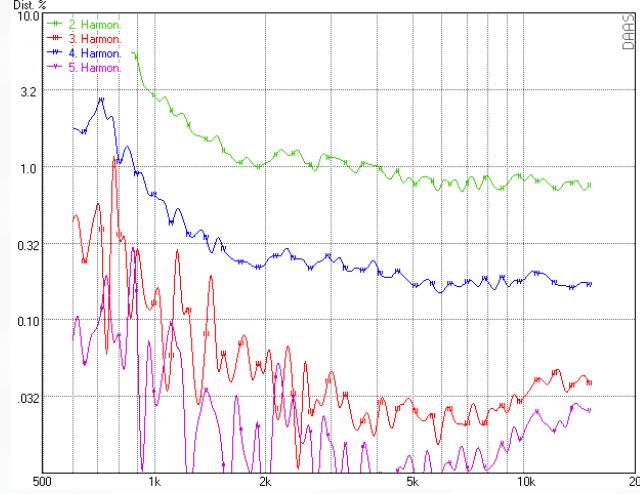


Measurements

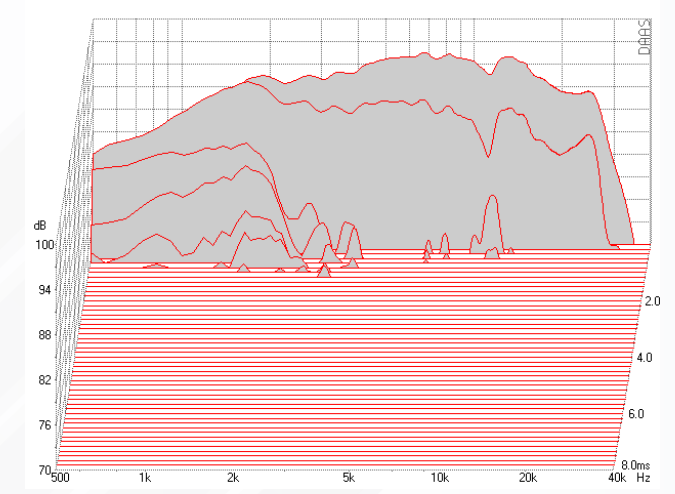
SPL without / with Faceplate - Impedance



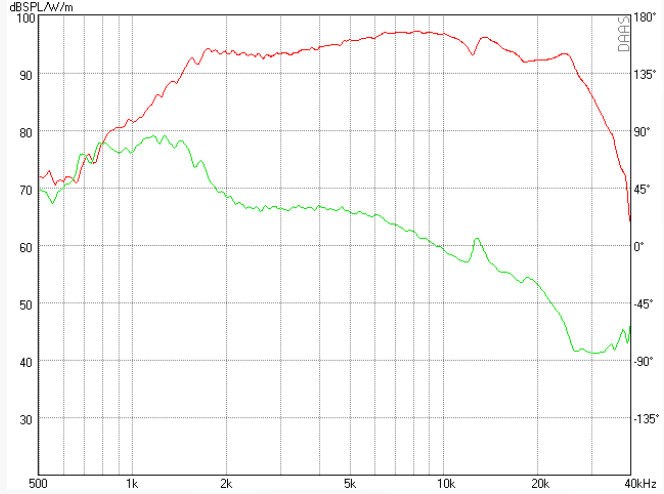
Harmonic Distortion 2.83 V



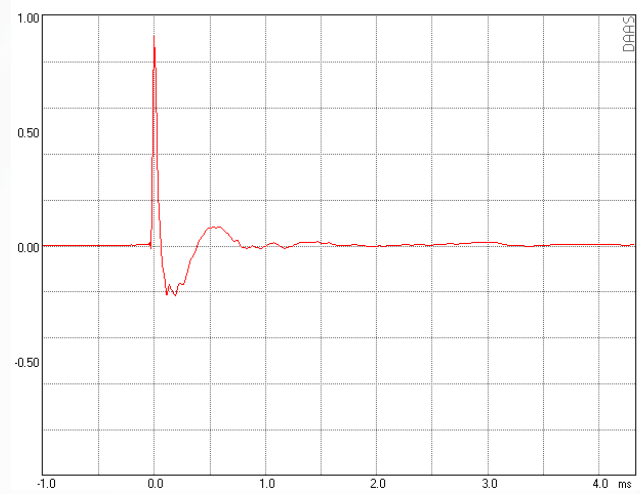
Waterfall



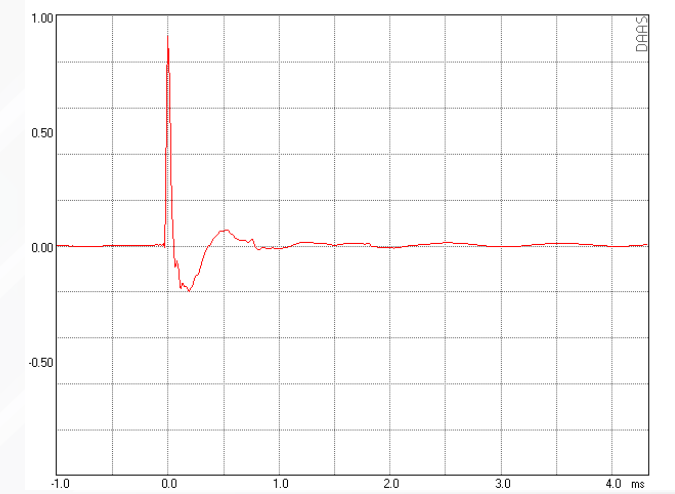
SPL - Phase



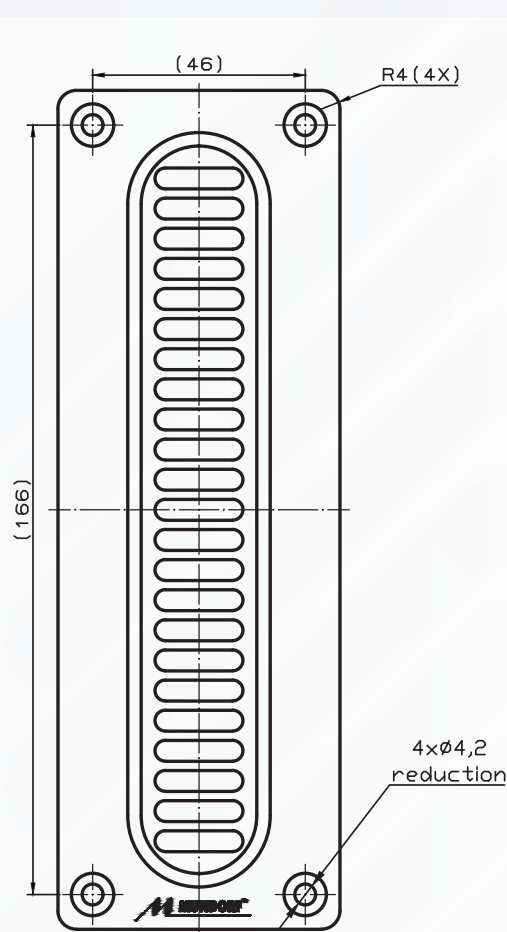
Impulse Response



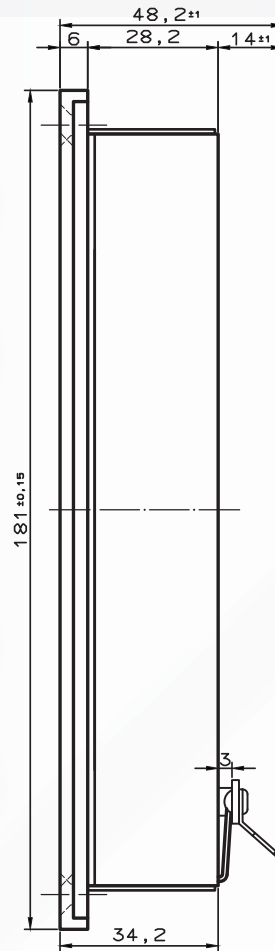
Step Response



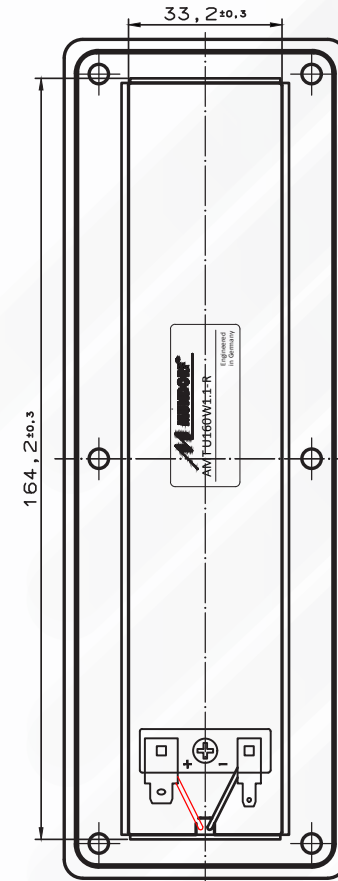
Dimensions



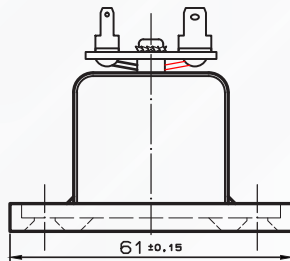
Front view



Sideview

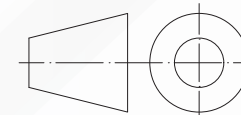


Rear view



Top view

	Dimensions	Tolerance
Length	181 mm	+ 0,5 mm
Width	61 mm	+ 0,5 mm
Depth including terminal	48 mm	+/- 1 mm



All measurements are in mm.