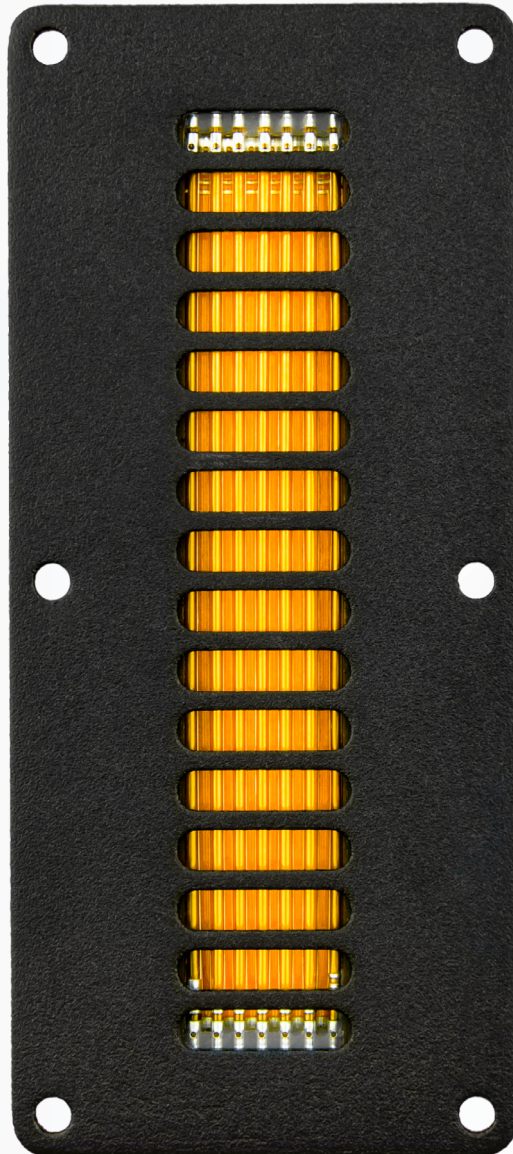


AMT U110W1.1

Tweeter

Samples available: Immediately

Start of sale: Immediately



AMT U110W1.1 offers huge SPL reserves for large floor standing speakers with a low crossover frequency or for quite demanding home-theater speakers. It is predestined for applications where low ceiling or floor reflections might cause difficulties. Its SPL reserves, together with the decisive quality features of our **AMT U.Series** with **Mundorf diaphragm**, such as 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 AMTs**, make **AMT U110W1.1** always the first choice when a little more of everything is in demand.



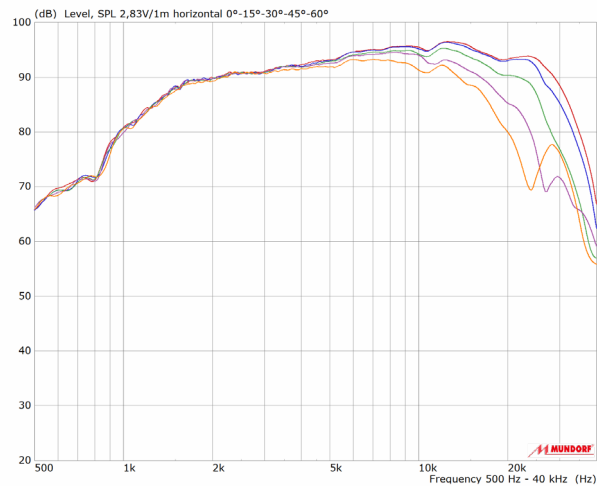
Specifications

| | |
|-----------------------------------------------|-----------------------|
| Nominal Impedance | 6 Ω |
| DC Resistance (R_{dc}) | 5.5 Ω |
| Sensitivity (2,83 V / 1m) ¹ | 93 dB |
| Resonance Frequency (FS) | 1750 Hz |
| Frequency Response (-6dB) | 1.7 kHz - 27 kHz |
| Frequency Response (-10dB) ¹ | 1.4 kHz - 28 kHz |
| Crossover from (filter 12dB/6dB/Oct.) | 1.8 kHz / 2.7 kHz |
| Nominal Frequency Range ³ | 2.0 kHz - 27 kHz |
| Power Handling, long term ^{1,2} | 20 W _{rms} |
| Power Handling, short term ^{1,2} | 110 W _{rms} |
| Max. Input Voltage, long term ^{1,2} | 11 V _{rms} |
| Max. Input Voltage, short term ^{1,2} | 25.7 V _{rms} |
| Effective Piston Area | 43.6 cm ² |
| Total Weight | 0.455 kg |
| Face Plate | optional |

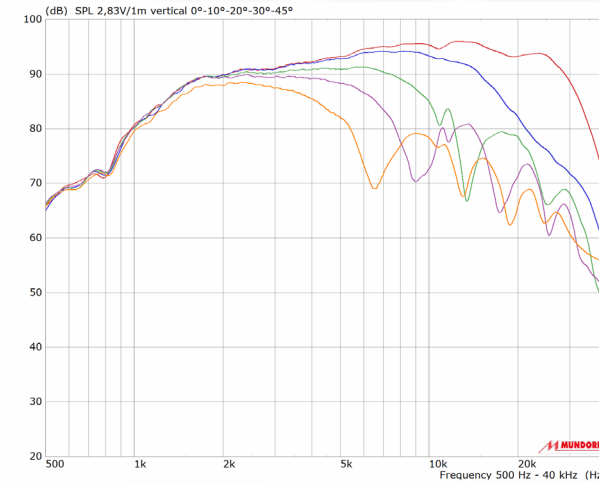
- 1) according to IEC 60268-5
 2) via High Pass Filter, Butterworth 2000 Hz 12 dB/Okt.
 3) according to power measurement

Measurements

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

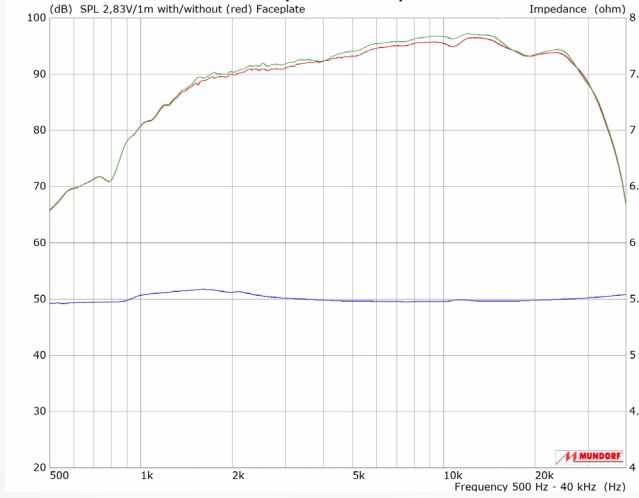


SPL Vertical 0° - 10° - 20° - 30° - 45°

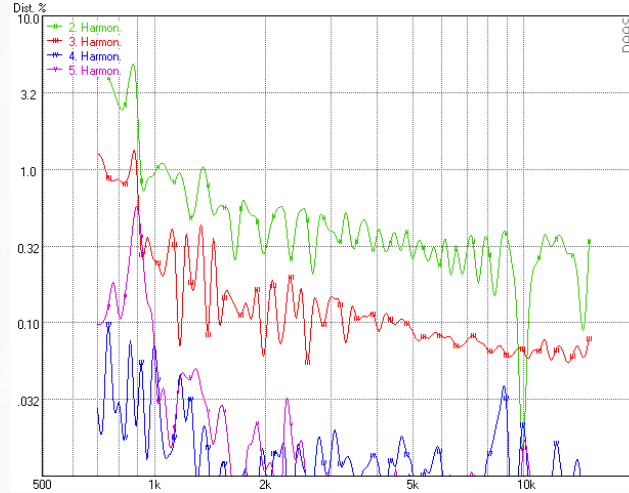


Measurements

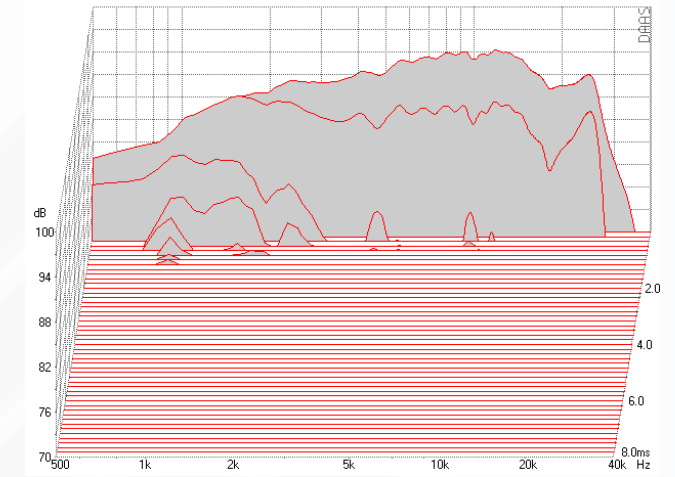
SPL without / with Faceplate - Impedance



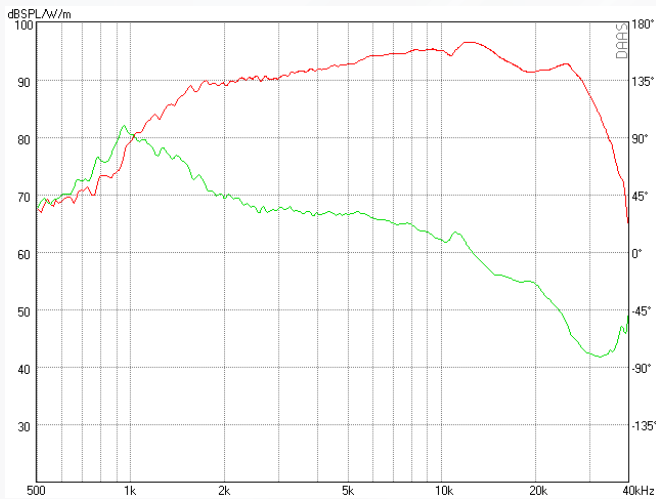
Harmonic Distortion 2.83 V



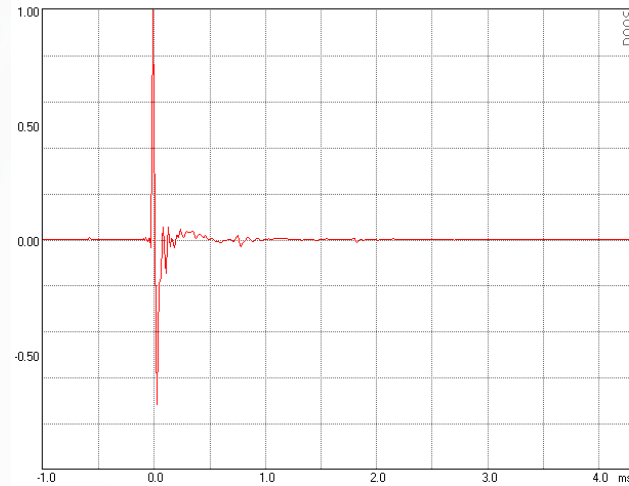
Waterfall



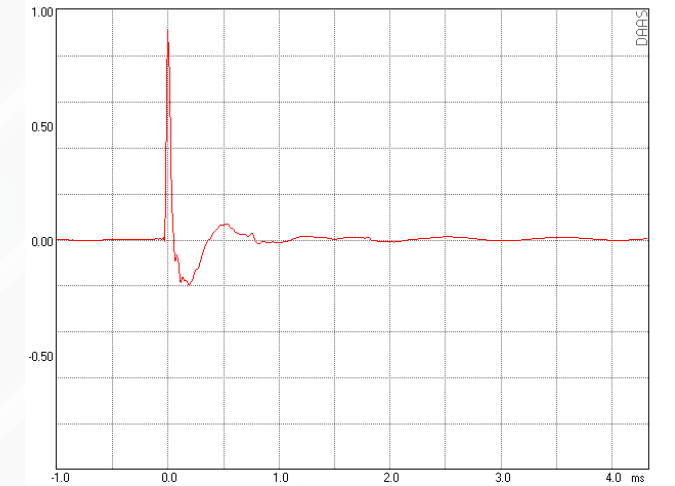
SPL - Phase



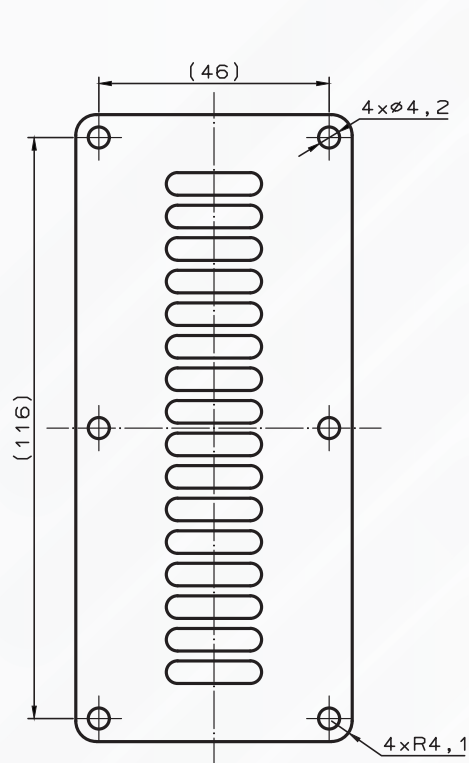
Impulse Response



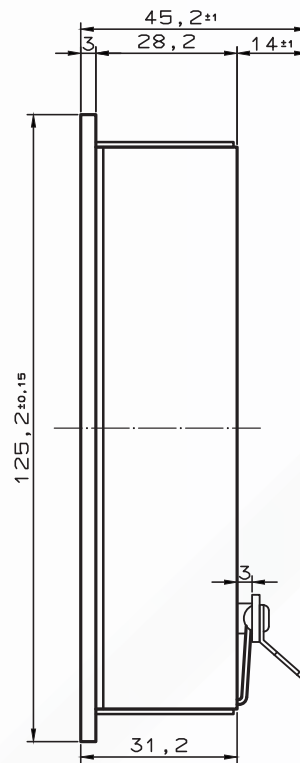
Step Response



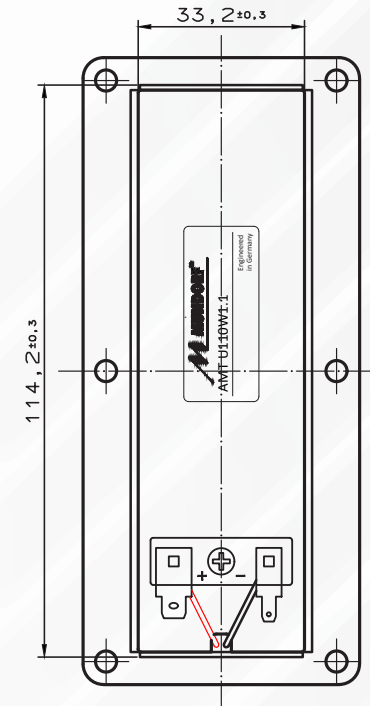
Dimensions



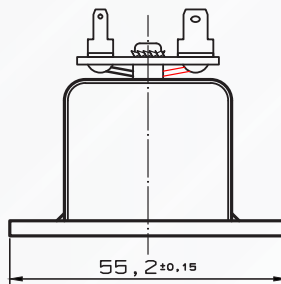
Front view



Sideview

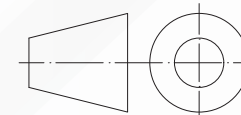


Rear view



Top view

| | Dimensions | Tolerance |
|--------------------------|------------|-----------|
| Length | 125 mm | + 0,5 mm |
| Width | 55 mm | + 0,5 mm |
| Depth including terminal | 45 mm | +/- 1 mm |



All measurements are in mm.