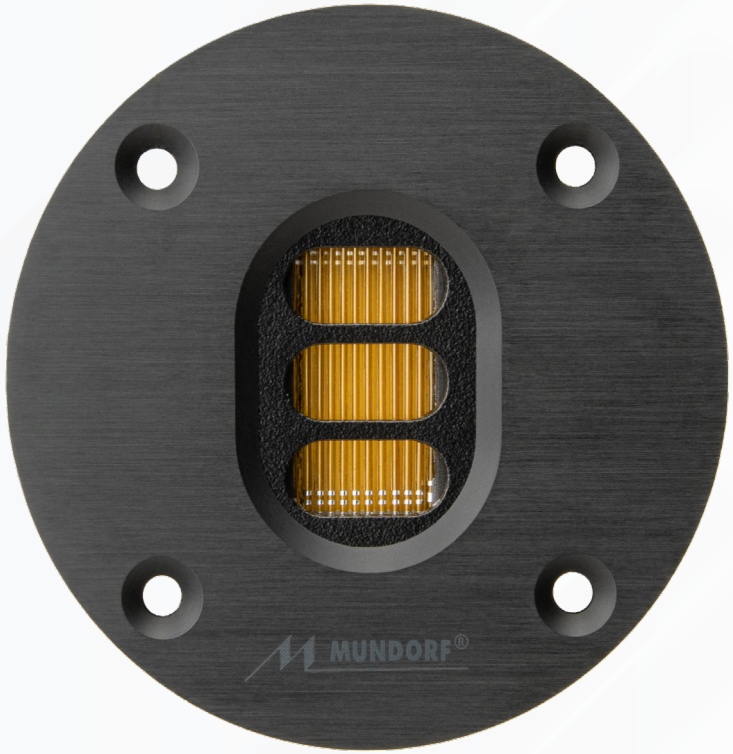
AMT U40W1.2-C

Samples available: Immediatley
Start of sale: Immediatley

Tweeter



The **AMT U40W1.2** is the smallest model in the **U.Series**. It is suitable for 2-way table top speakers as well as for 3-way floor standing speakers. Thanks to its compact design, the **AMT U40W1.2** can also be effortlessly integrated into Car- HiFi systems. Small as it is, it provides all the 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 U40W1.2-C

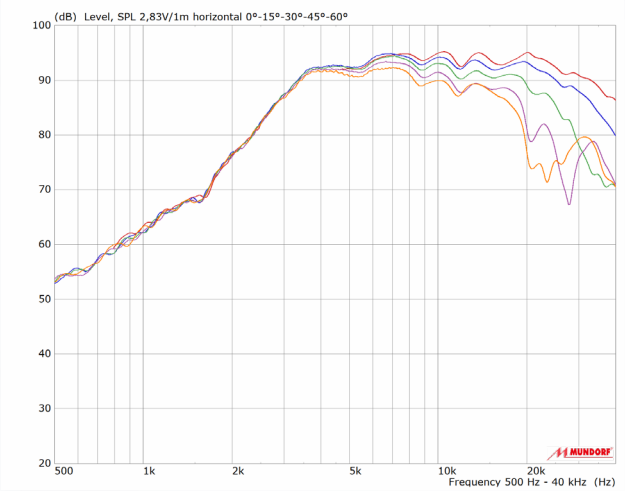
Specifications

Nominal Impedance	4 Ω
DC Restistance (R_{dc}) (Z_{min})	3.7 Ω
Sensitivity (2,83 V / 1m) [1]	92 dB
Resonance Frequency (FS)	3900 Hz
Frequency Response (-6dB)	3.0 kHz - 40 kHz
Frequency Response (-10dB) [1]	2.7 kHz - 43 kHz
Crossover from (filter 12dB/6dB/Oct.)	3.5 kHz / 5.0 kHz
Nominal Frequency Range [3]	3.5 kHz - 40 kHz
Power Handling, long term [1, 2]	10 W
Power Handling, short term [1, 2]	80 W
Max. Input Voltage, long term [1, 2]	6.3 V_{rms}
Max. Input Voltage, short term [1, 2]	17.9 V_{rms}
Effective Piston Area	13.5 cm²
Total Weight	0.174 kg
Face Plate	optional

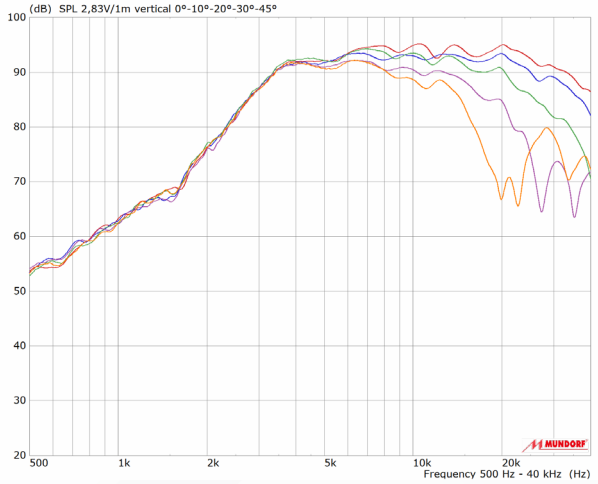
1) according to IEC 60268-5
2) via High Pass Filter, Butterworth 3500 Hz 12 dB/Okt.
3) according to power measurement

Measurements

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

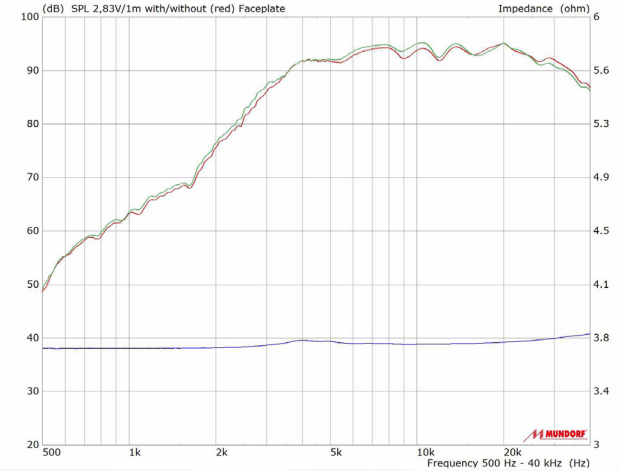


SPL Vertical 0° - 10° - 20° - 30°- 45°

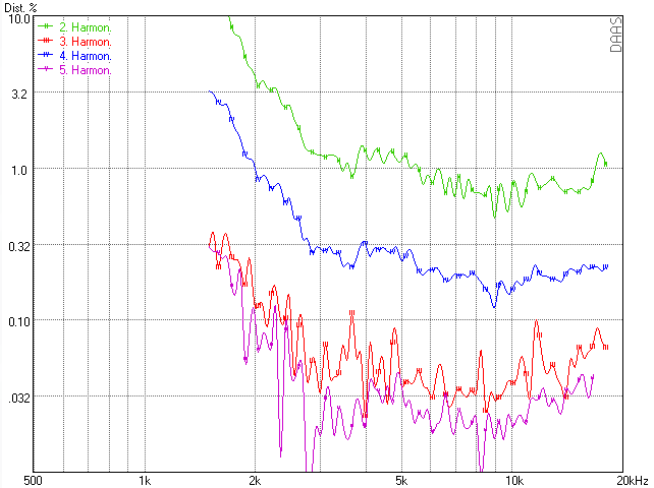


Measurements

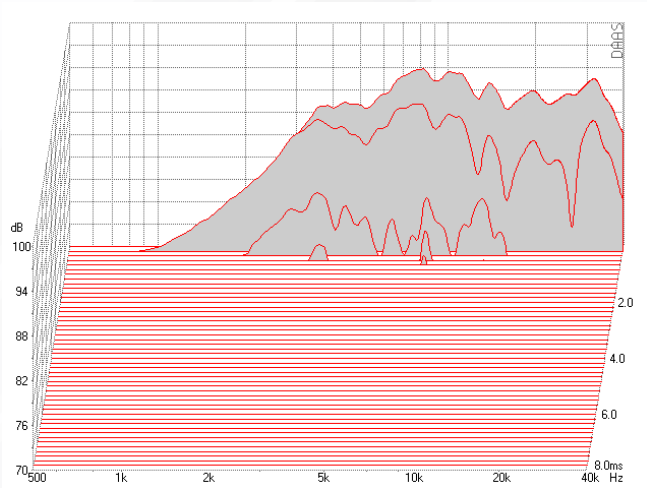
SPL without / with Faceplate - Impedance



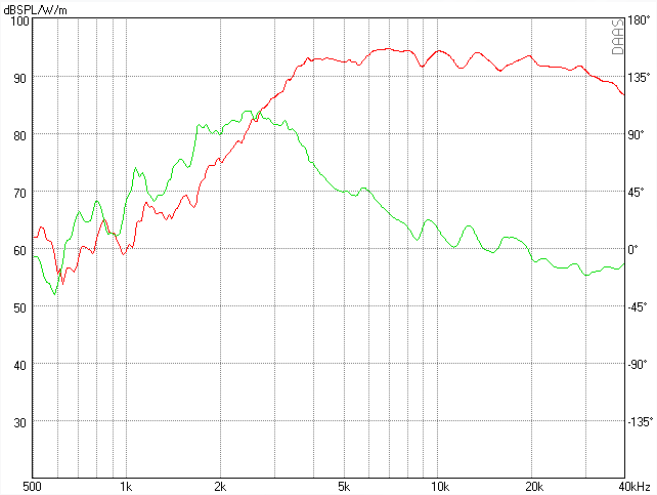
Harmonic Distortion 2.83 V



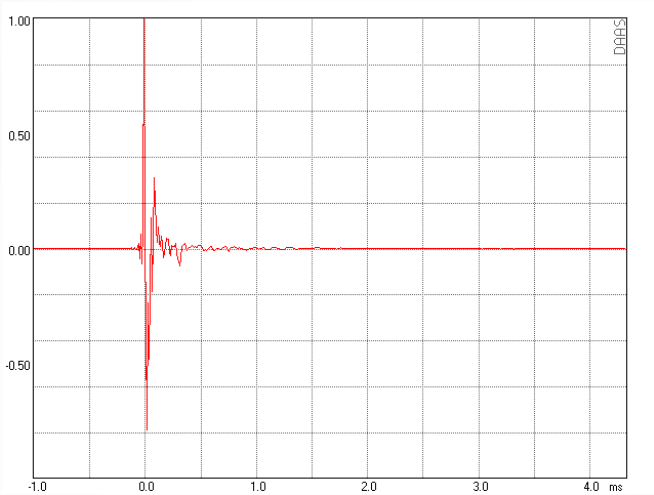
Waterfall



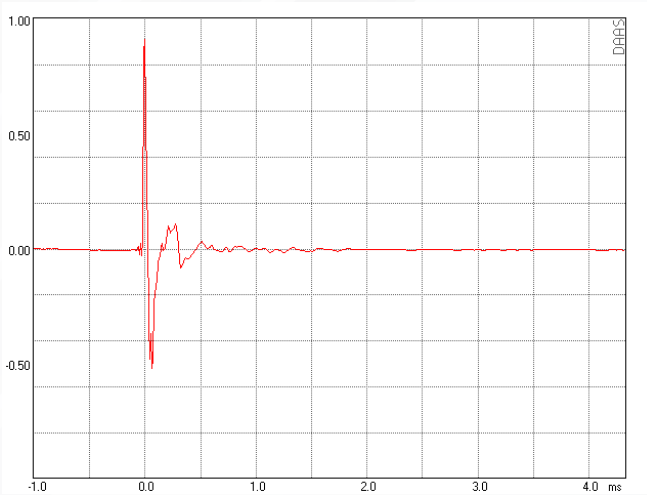
SPL - Phase



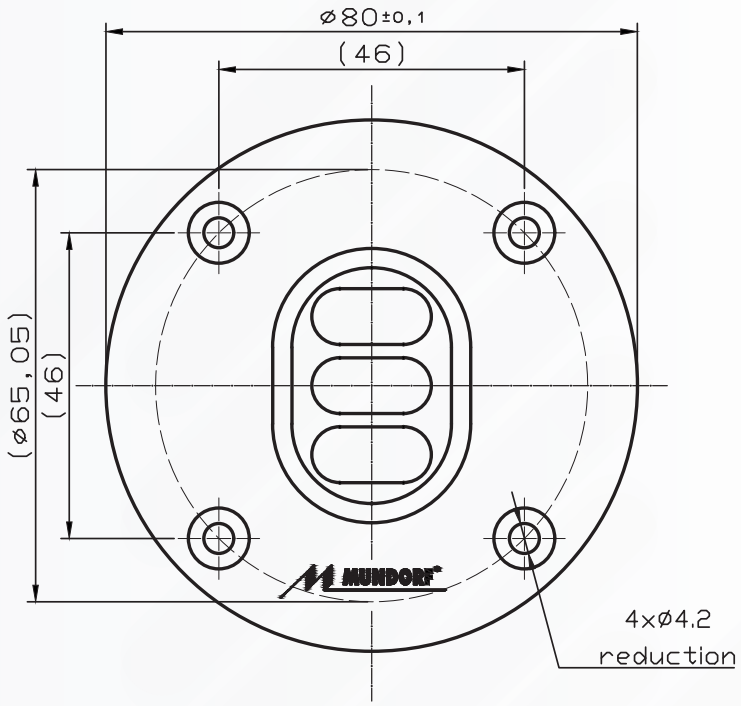
Impulse Response



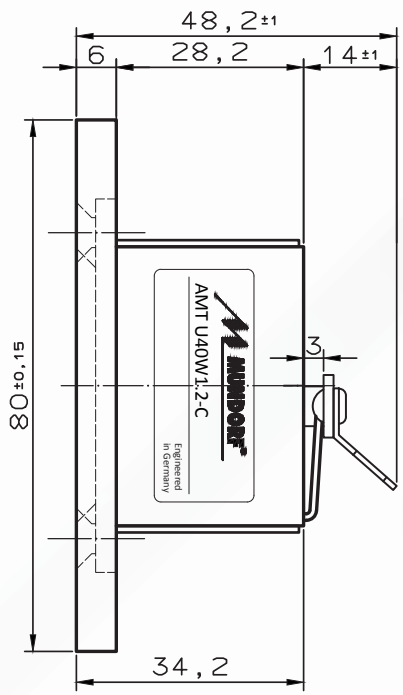
Step Response



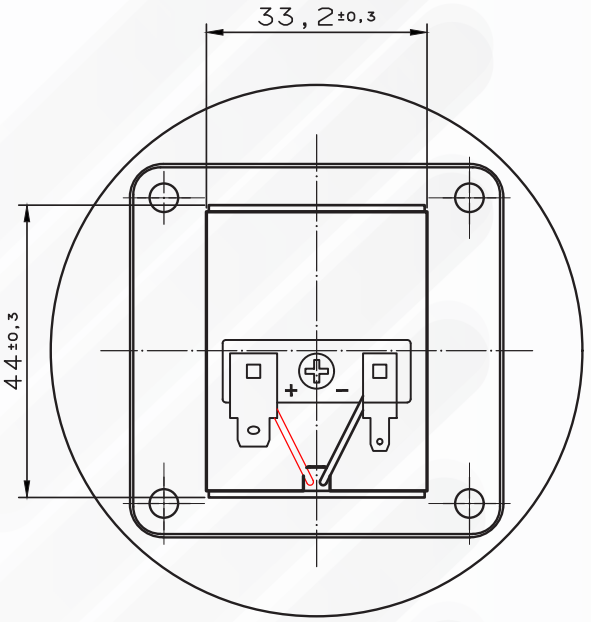
Dimensions



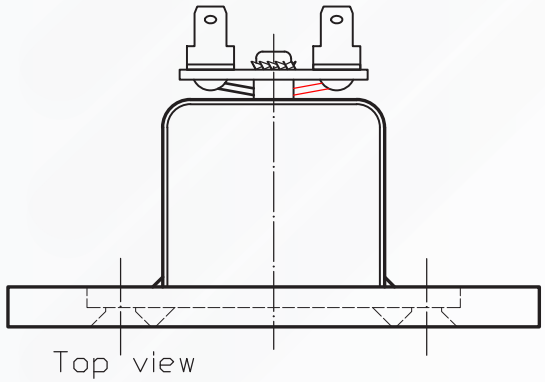
Front view



Sideview

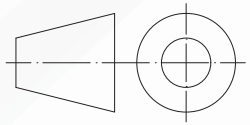


Rear view



Top view

	Dimensions	Tolerance
Diameter	80 mm	+ 0,1 mm
Depth including terminal	48,2 mm	+/- 1 mm



All measurements are in mm.