

## AMT U160W1.1

### Tweeter

Samples available: Immediately

Start of sale: Immediately

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

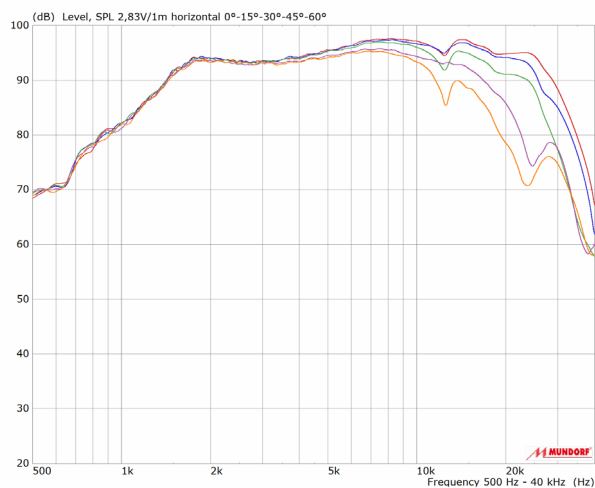
1) according to IEC 60268-5

2) via High Pass Filter, Butterworth 2500 Hz 12 dB/Okt.

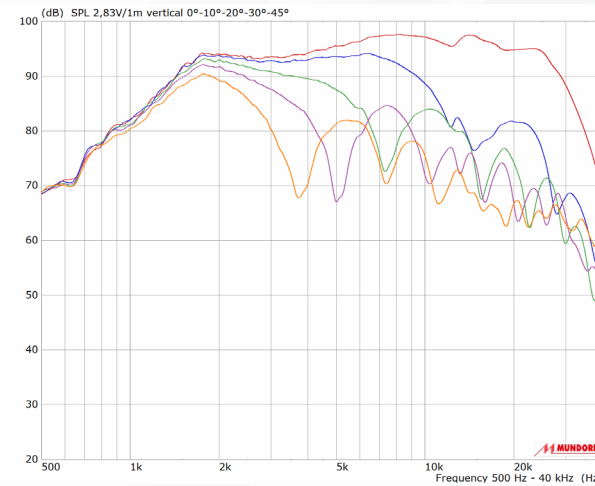
3) according to power measurement

## Measurements

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

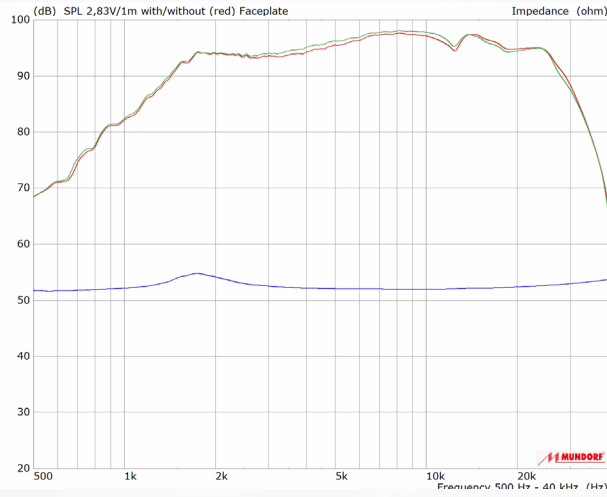


SPL Vertical 0° - 10° - 20° - 30° - 45°

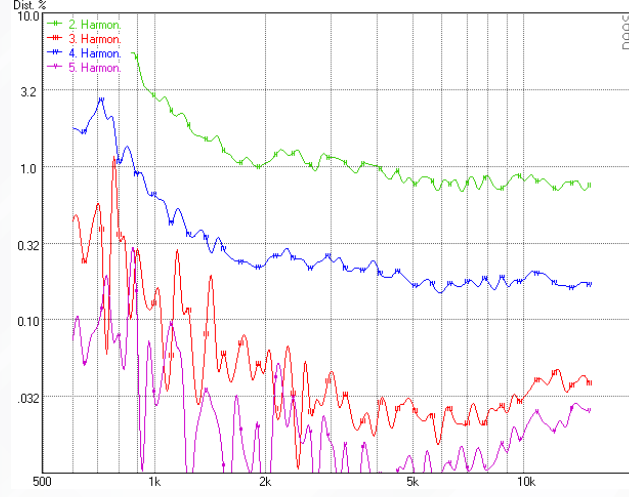


## Measurements

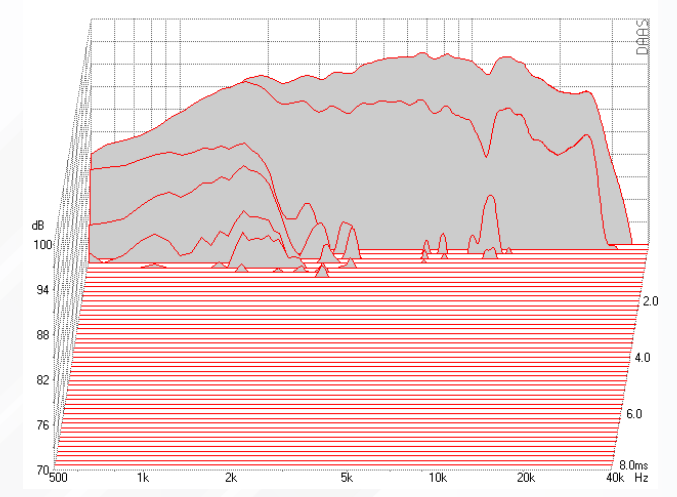
### SPL without / with Faceplate - Impedance



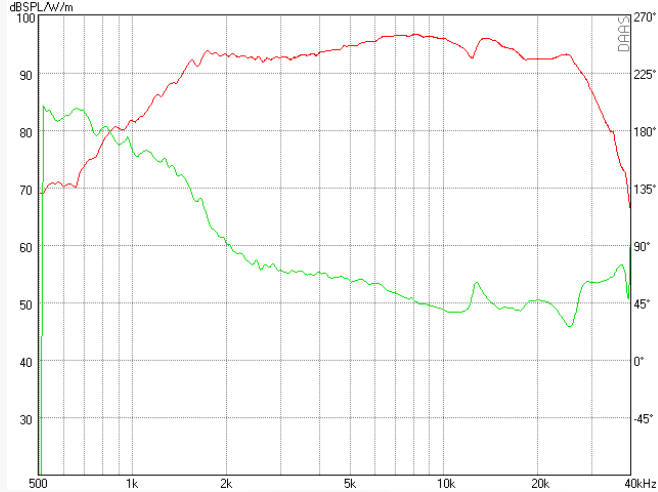
### Harmonic Distortion 2.83 V



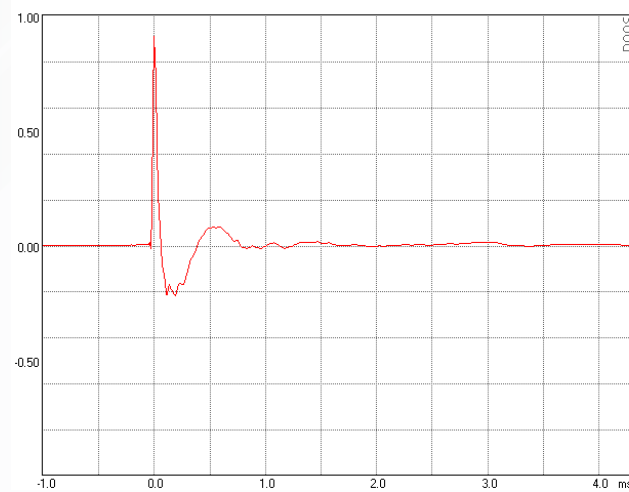
### Waterfall



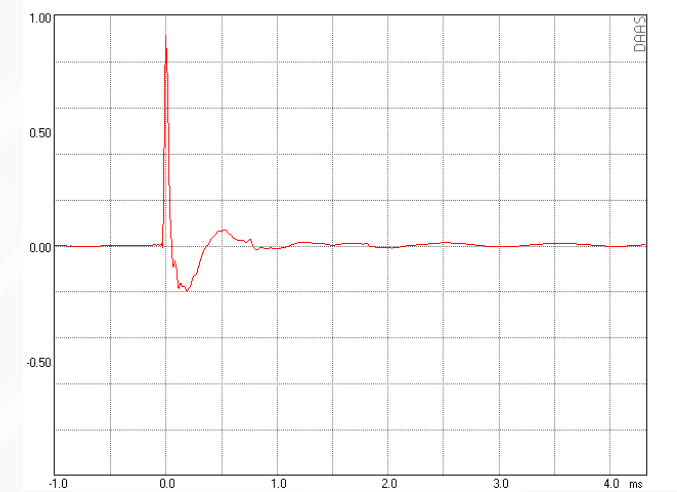
### SPL - Phase



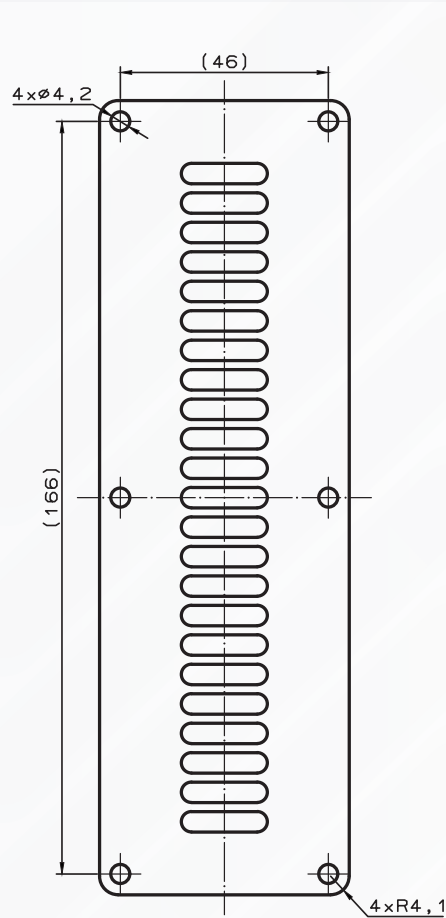
### Impulse Response



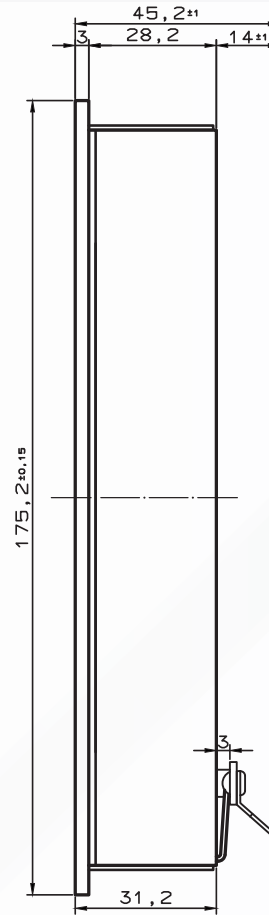
### Step Response



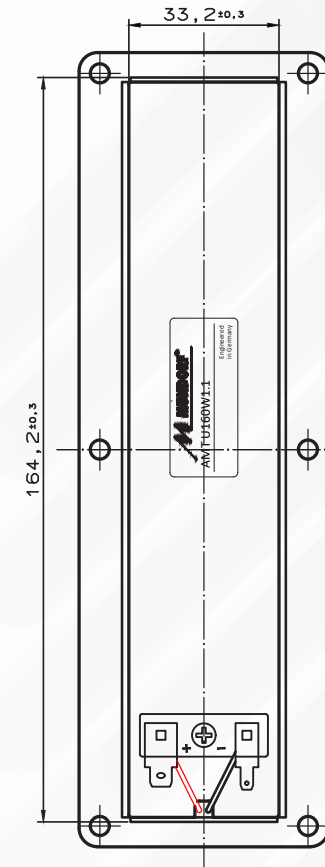
Dimensions



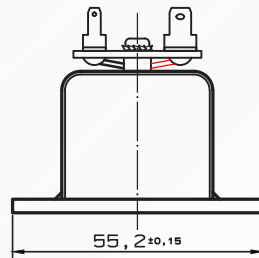
Front view



Sideview

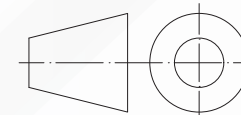


Rear view



Top view

	Dimensions	Tolerance
Length	175 mm	+ 0,5 mm
Width	55 mm	+ 0,5 mm
Depth including terminal	45 mm	+/- 1 mm



All measurements are in mm.