



**Speaker Specifications** Datum / Date: 30.05.2012



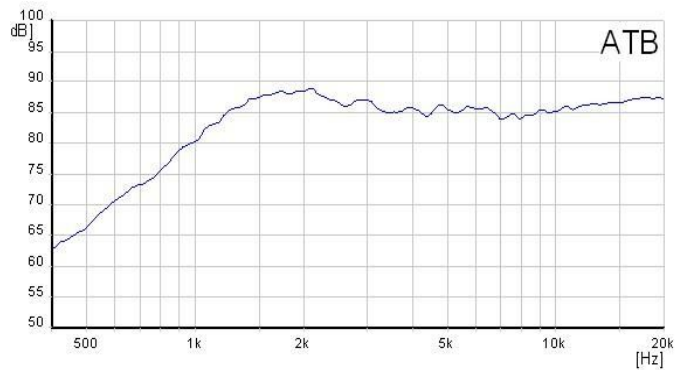
Bezeichnung / Denomination: ATE TD 20  
 Artikel-Nr. / Article-No.: 400 0035 00

Kunde / Customer:

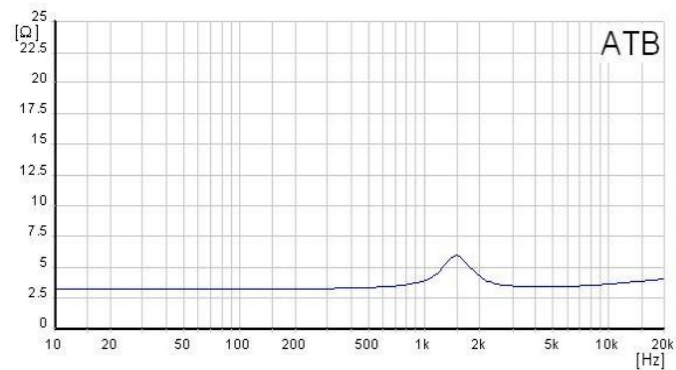
Bemerkung / Note:

<b>Gleichstromwiderstand /</b>	<b>R</b>	<b>3,4</b> ^
	<i>dc</i>	
DC restance		
<b>Nennimpedanz /</b>	<b>Z</b>	<b>4</b> ^
	<i>N</i>	
Nominal impedance		
<b>Resonanzfrequenz</b>	<b>f</b>	<b>1500</b> HZ
	<i>s</i>	
Resonance frequency		
<b>Spulendurchmesser</b>		<b>20</b> mm
Voice coil diameter		
<b>Spulenbreite /</b>		<b>1,2</b> mm
Voice coil height		
<b>Mechanische Güte /</b>	<b>Q</b>	
	<i>ms</i>	
Mechanical Q factor		
<b>Elektrische Güte /</b>	<b>Q</b>	
	<i>es</i>	
Electrical Q factor		
<b>Gesamtgüte</b>	<b>Q</b>	
	<i>ts</i>	
Total Q factor		
<b>Dynamisch bewegte Masse /</b>	<b>m</b>	<b>g</b>
	<i>d</i>	
Moving mass		
<b>Effektive Membranfläche /</b>	<b>S</b>	<b>cm<sup>2</sup></b>
	<i>m</i>	
Effective piston area		
<b>Mechanischer Widerstand /</b>	<b>R</b>	<b>Kg/s</b>
	<i>ms</i>	
Mechanical resistance		
<b>Nachgiebigkeit /</b>	<b>C</b>	<b>mm/N</b>
	<i>ms</i>	
Compliance		
<b>Antriebsfaktor /</b>	<b>BL</b>	<b>Tm</b>
Force factor		
<b>Äquivalentvolumen /</b>	<b>V</b>	<b>dm<sup>3</sup></b>
	<i>as</i>	
Equivalent air volume		
<b>Wirkungsgrad /</b>		<b>%</b>
Efficiency		
<b>SPL 1W/1m</b>		<b>dB</b>
<b>SPL 2,83V/1m</b>		<b>dB</b>

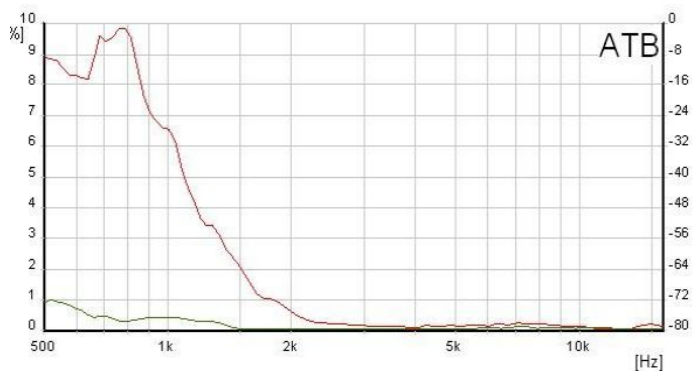
**Frequenzgang / Frequency response** [1W/1m]



**Impedanzverlauf / Impedance**



**Klirrfaktoren / Harmonic Distortion** [1w / 1m]



rot / red: K2      grün / green: K3