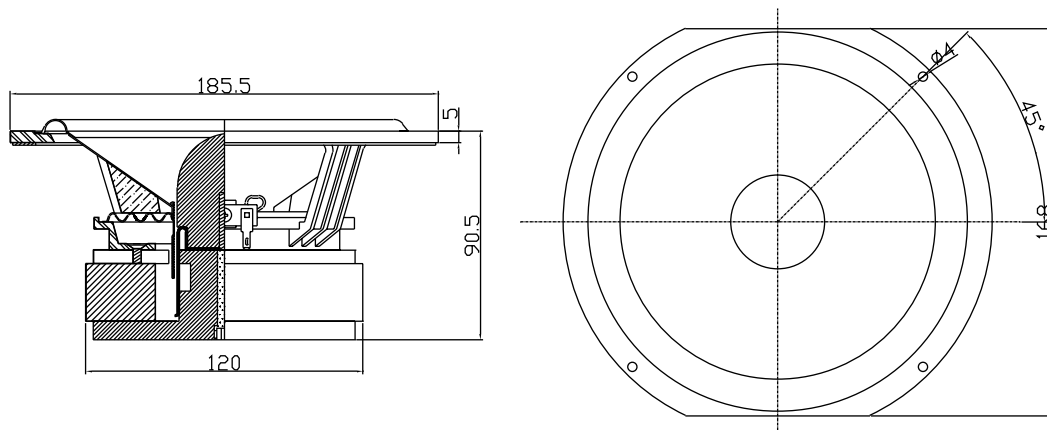


**8848P**



## Specifications

<b>NOMIAL IMPEDANCE</b>	<b>8 ±15% at 1.0V 1KHz</b>
<b>VC NOMINAL DIA</b>	<b>φ 42mm</b>
<b>LOWEST RESONANCE FREQUENCY</b>	<b>FO=33.2Hz ±3Hz at 1.0V</b>
<b>EFFECTIVE FREQUENCY RANGE</b>	<b>FO ~ 5KHz - 10dB 1M/1W</b>
<b>OUTPUT SOUND PRESSURE LEVEL</b>	<b>87 dB/W/M ±3dB 300 400 500 600 Hz AVE</b>
<b>INPUT</b>	<b>RATED INPUT 70WM AXIMUM INPUT 100W</b>
<b>FLUX DENSITY</b>	<b>10K ±10% GUASS</b>
<b>BUZZ &amp; RATTLE TEST</b>	<b>9.0V</b>
<b>POLARITY</b>	<b>POSITIVE - (LEFT) HAND TERMINAL</b>
<b>BAFFLE OPENING</b>	<b>138mm</b>
<b>MAGNET DIMENION / WEIGHT</b>	<b>120*60*25(mm)/1000g</b>
<b>WEIGHT</b>	<b>2775g</b>
<b>DROPPING TEST</b>	<b>1150mm 75° ±2°</b>
<b>LINEAR EXCURSION (Xmax)</b>	<b>6mm</b>
<b>EQUIVALENT AIR VOLUME (Vas)</b>	<b>46.1425 Litr</b>
<b>MECHANICAL Q (Qms)</b>	<b>7.476</b>
<b>ELECTRICAL Q (Qes)</b>	<b>0.361</b>
<b>TOTAL Q (Qts)</b>	<b>0.344</b>

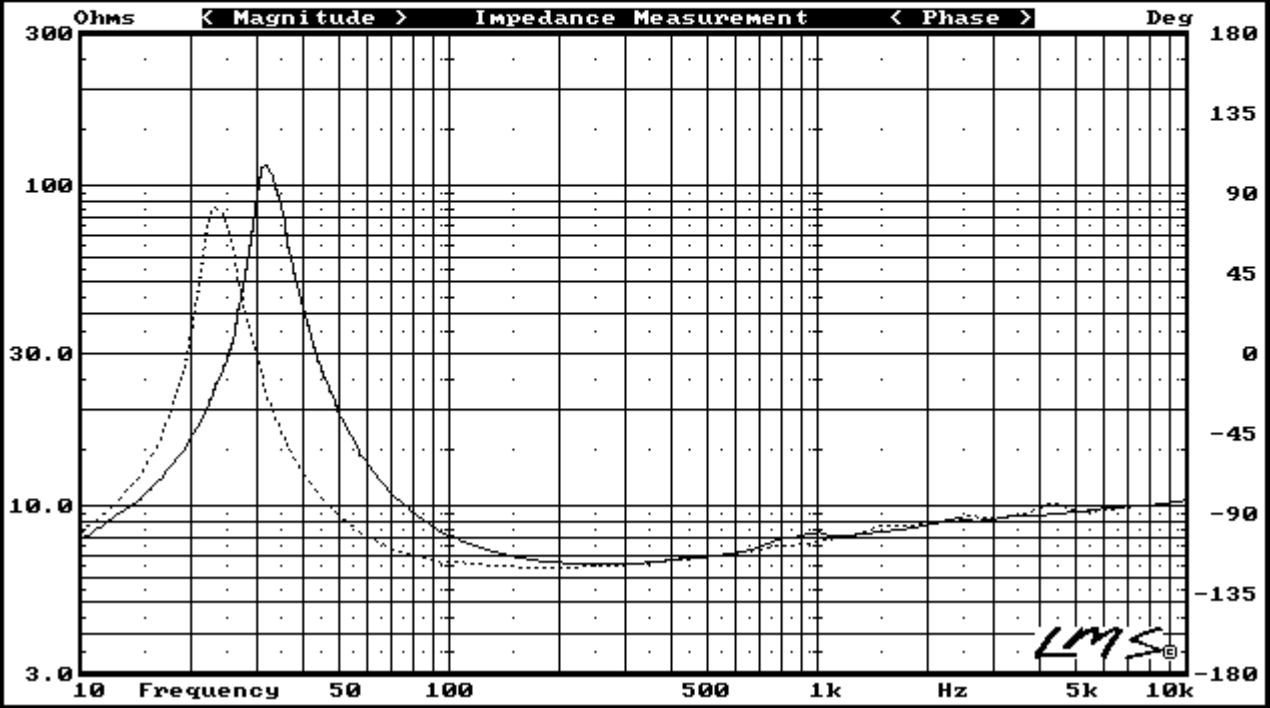
LMS

\* Loudspeaker Measurement System \*  
U3.72, (C)1997 LinearX Systems Inc

Jul 1:2004  
Thr 3:10PM

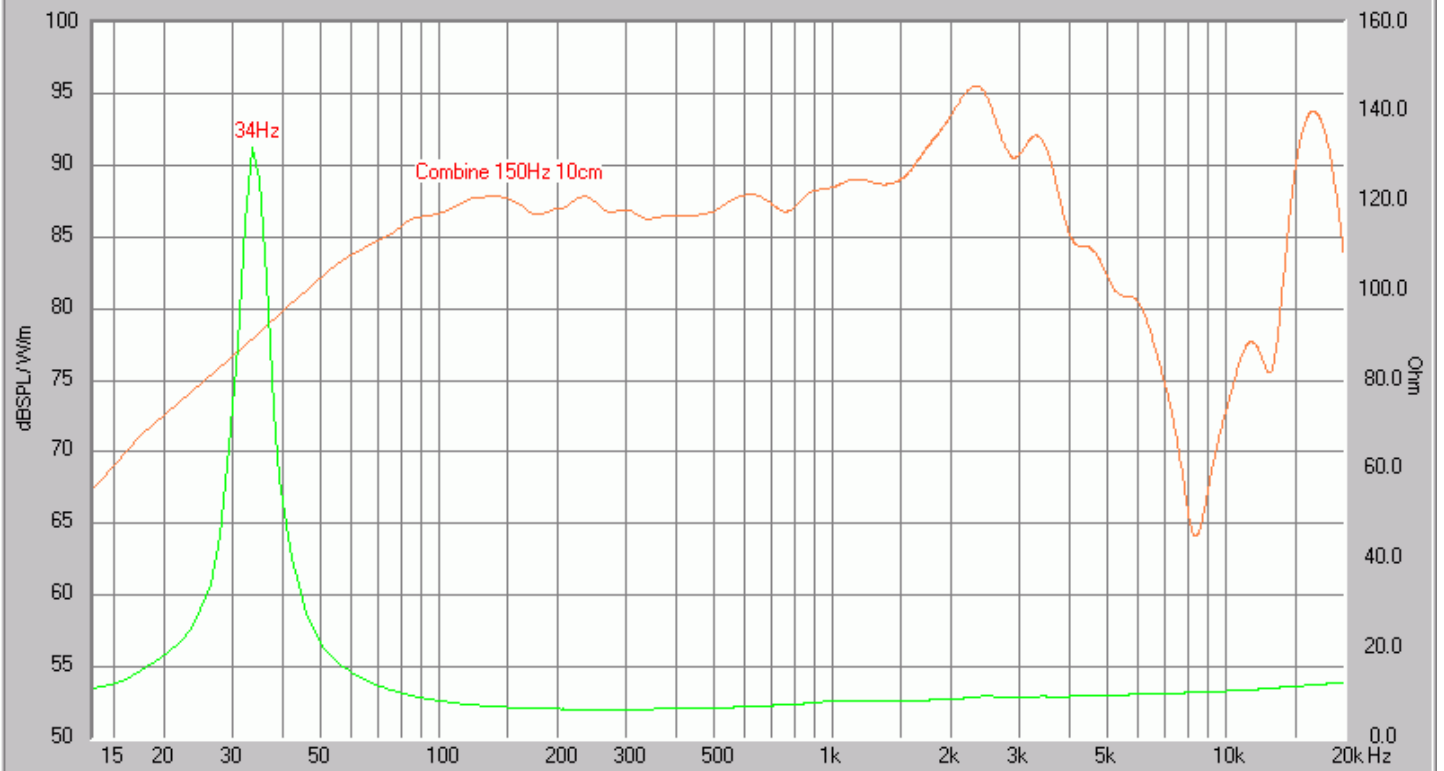
LMS Library:  
8848P426.LTB

Curve 1= 8848P36W0426F1A  
 Note1=  
 Note2=  
 Note3=  
 Note4=  
 Curve 2= 8848P36W0426F1B  
 Note1=  
 Note2=  
 Note3=  
 Note4=



TSL Entry Num: 1 | SPLo= 88.64 dB | SPLi= 88.04 dB | SPLi= 89.51 dB |  
 TSL File Name:8848P426 | = 0.46 % | = 0.40 % | @ Eg= 2.83 V |  
 Name : 8848P36W0426F1 Rem= 1.93 , Lem= 0.252 mH @ 1KHz  
 Model: Speaker- Woofer/ Midrange Rem= 7.09 , Lem= 0.015 mH @ 20KHz

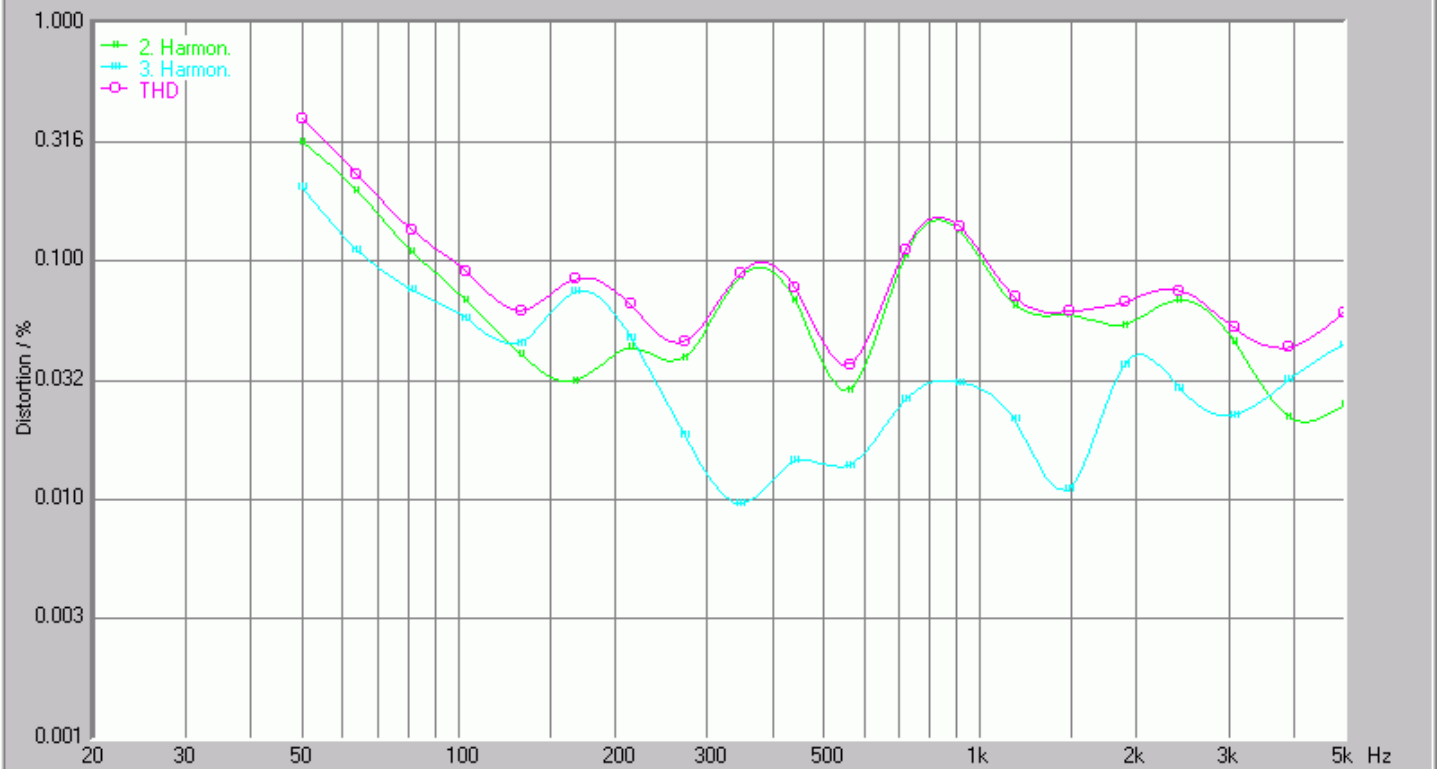
Znom= 8.000 Sd= 0.0136 sqM Fi= 32.208 Hz Hvc= 18.0000 mM  
 Revc= 5.700 BL= 6.5631 TM Fo= 33.319 Hz Hag= 6.0000 mM  
 Krm= 43.247 m Vas= 46.1425 Litr Qms= 7.476 Xmx= 6.0000 mM  
 Kxm=882.026 mH Cms=1752.8670 uM/N Qes= 0.361 Cmx= 6.0000 mM  
 Erm= 0.434 Mms= 13.0166 Gram Qts= 0.344 Cmo= 1.0000  
 Exm= 0.067 Mmd= 12.1031 Gram Pmx= 70.000 Wrms Vc= 3.5714 C/W



Distance Speaker - Mic.: 50.0cm, dB SPL normalised on 1 Meter, Delay: 1.5ms

Test Signal: SWEEP

In1: 0.0V In2: .9Pa Out: 23 dB kHz: 48 DUT: 8 8 4 8 P .4 2 .8 .3 6 W 0 4 2 6 F 1 ~ F 2 SN: 0000 2004/7/1 04:20:20 PM



FFT-len: 8192 Pt, Averages: 2

Test freq.: 20, 50-5000 Hz

In1: 0.0V In2: .9Pa Out: 24 dB kHz: 6 DUT: 8 8 4 8 P .4 2 .8 .3 6 W 0 4 2 6 F 1 ~ F 2 SN: 0000 2004/7/1 04:21:34 PM