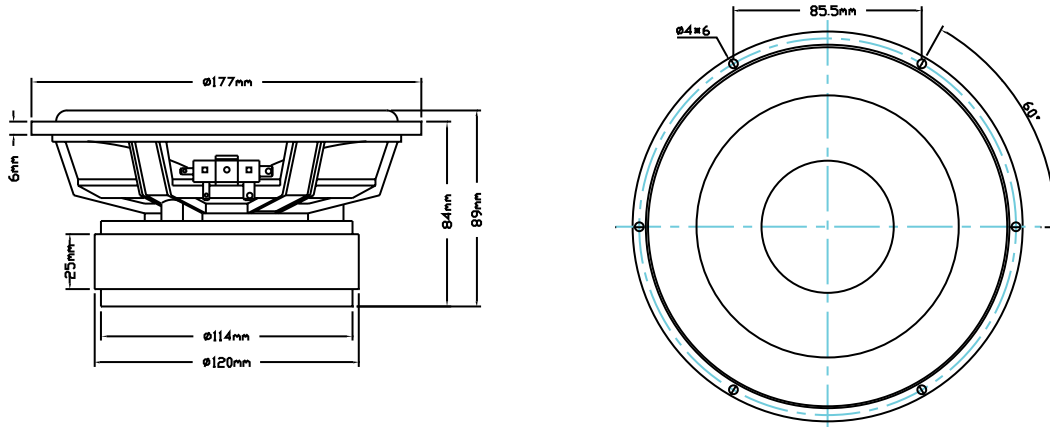


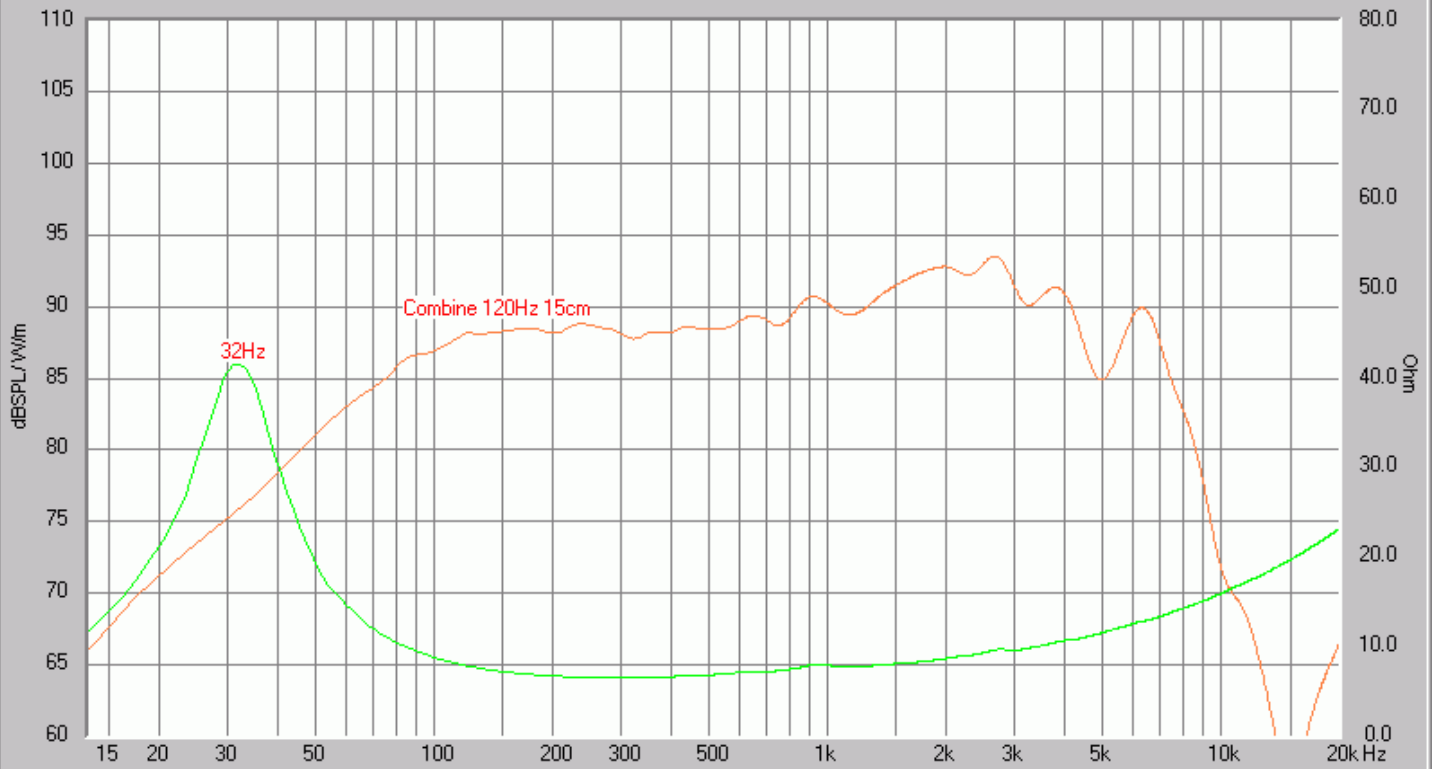
# 8945A

## WOOFER 7 Inch Driver



## Specifications

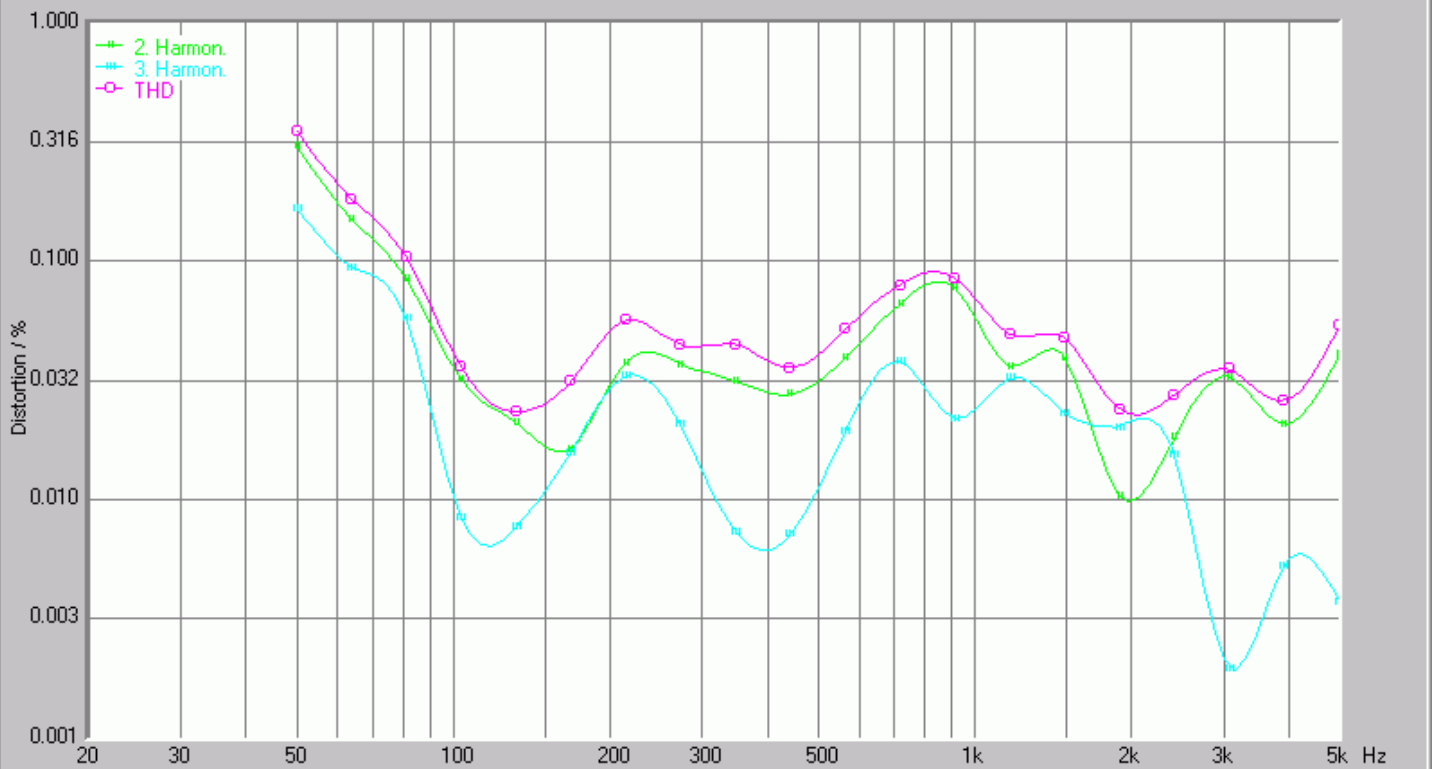
|                                    |   |
|------------------------------------|---|
| <b>Nomial Impedance</b>            | 8Ω ± 15% at 1.0V 1KHz                     |
| <b>VC Nominal Dia</b>              | φ 42mm                                    |
| <b>Lowest Resonance Frequency</b>  | FO=30Hz ±5Hz at 1.0V                      |
| <b>Effective Frequency Range</b>   | FO ~ 9KHz - 10dB 1M/1W                    |
| <b>Output Sound Pressure Level</b> | 88dB/W/M ±3dB 300 , 400 , 500 , 600Hz AVE |
| <b>Input</b>                       | Rated Input 70W , Maximum Input 100W      |
| <b>Flux Density</b>                | 11K ±10% GAUSS                            |
| <b>Buzz &amp; Rattle Test</b>      | 7.0V                                      |
| <b>Polarity</b>                    | POSITIVE - (LEFT) HAND TERMINAL           |
| <b>Baffle Opening</b>              | φ 138mm                                   |
| <b>Magnet Dimenion / Weight</b>    | 120 x 60 x25(mm) / 1055g                  |
| <b>Weight</b>                      | 2600g                                     |
| <b>Dropping Test</b>               | 1150mm 75° ± 2°                           |
| <b>Znom</b>                        | 8 Ω                                       |
| <b>Revc</b>                        | 5.6 Ω                                     |
| <b>Krm</b>                         | 13.028 Ω                                  |
| <b>Kxm</b>                         | 12.264 mh                                 |
| <b>Erm</b>                         | 0.599                                     |
| <b>Exm</b>                         | 0.594                                     |
| <b>Sd</b>                          | 0.015 sqm                                 |
| <b>BL</b>                          | 7.72 tm                                   |
| <b>Vas</b>                         | 53.4013 Litr                              |
| <b>Cms</b>                         | 1671.365 um/n                             |
| <b>Mms</b>                         | 17.4923 Gram                              |
| <b>Mmd</b>                         | 16.436 Gram                               |
| <b>Fi</b>                          | 28.584 Hz                                 |
| <b>Fo</b>                          | 29.435                                    |
| <b>Qms</b>                         | 1.974                                     |
| <b>Qes</b>                         | 0.304                                     |
| <b>Qts</b>                         | 0.263                                     |
| <b>Pmx</b>                         | 70 Wrms                                   |
| <b>Hvc</b>                         | 18 mm                                     |
| <b>Hag</b>                         | 0.6 mm                                    |
| <b>Xmx</b>                         | 8.7 mm                                    |
| <b>Cmx</b>                         | 8.7 mm                                    |
| <b>Cmo</b>                         | 1   |
| <b>θVc</b>                         | 3.5714 C/W                                |



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

Test Signal: SWEEP

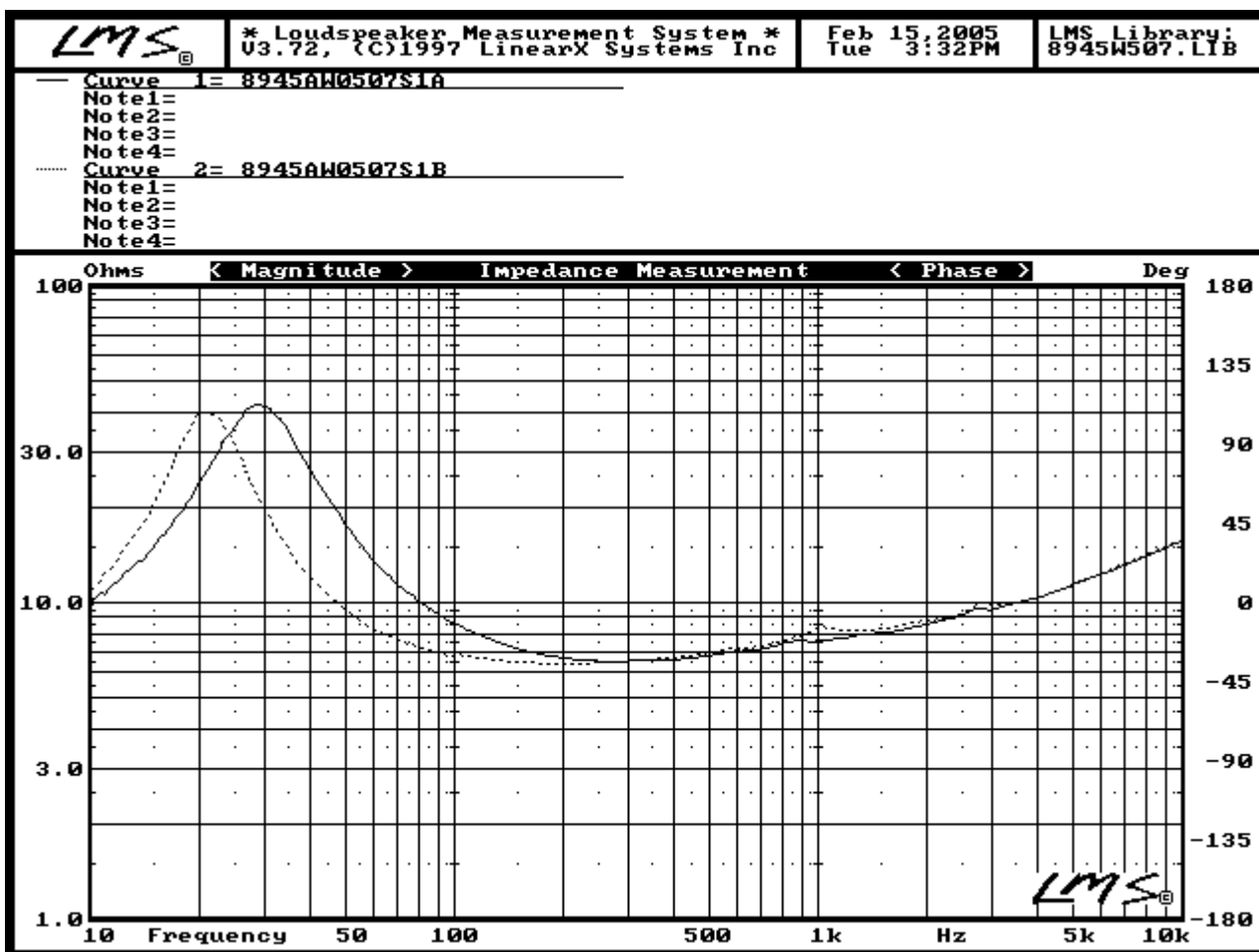
0.0V 9Pa 衰减 21 dB kHz 48 DUT: 8945A W0507S1~S2 SN: 0000 005/2/15 05:20:56 PM



FFT-len: 8192 Pt, Averages: 2

Test freq.: 20, 50-5000 Hz

0.0V 9Pa 衰减 23 dB kHz 6 DUT: 8945A W0507S1~S2 SN: 0000 005/2/15 05:22:36 PM




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TSL Entry Num: 1 | SPLo= 88.40 dB | SPLi= 87.88 dB | SPLi= 89.43 dB |  
 TSL File Name:8945W507 | = 0.43 % | = 0.39 % | @ Eg= 2.83 V |  
 Name : 8945AW0507S1 Rem= 1.73 , Lem= 0.351 mH @ 1KHz  
 Model: Speaker- Woofer/ Midrange Rem= 9.25 , Lem= 0.104 mH @ 20KHz

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|                |                    |                  |                 |
|----------------|--------------------|------------------|-----------------|
| Znom= 8.000    | Sd= 0.0150 sqM     | Fi= 28.584 Hz    | Hvc= 18.0000 mM |
| Revc= 5.600    | BL= 7.7200 TM      | Fo= 29.435 Hz    | Hag= 0.6000 mM  |
| Krm= 13.028 m  | Vas= 53.4013 Litr  | Qms= 1.974       | Xmx= 8.7000 mM  |
| Kxm= 12.264 mH | Cms=1671.3650 uM/N | Qes= 0.304       | Cmx= 8.7000 mM  |
| Erm= 0.559     | Mms= 17.4923 Gram  | Qts= 0.263       | Cmo= 1.0000     |
| Exm= 0.594     | Mmd= 16.4360 Gram  | Pmx= 70.000 Wrms | Vc= 3.5714 C/W  |

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