

Type Number : **P830891**

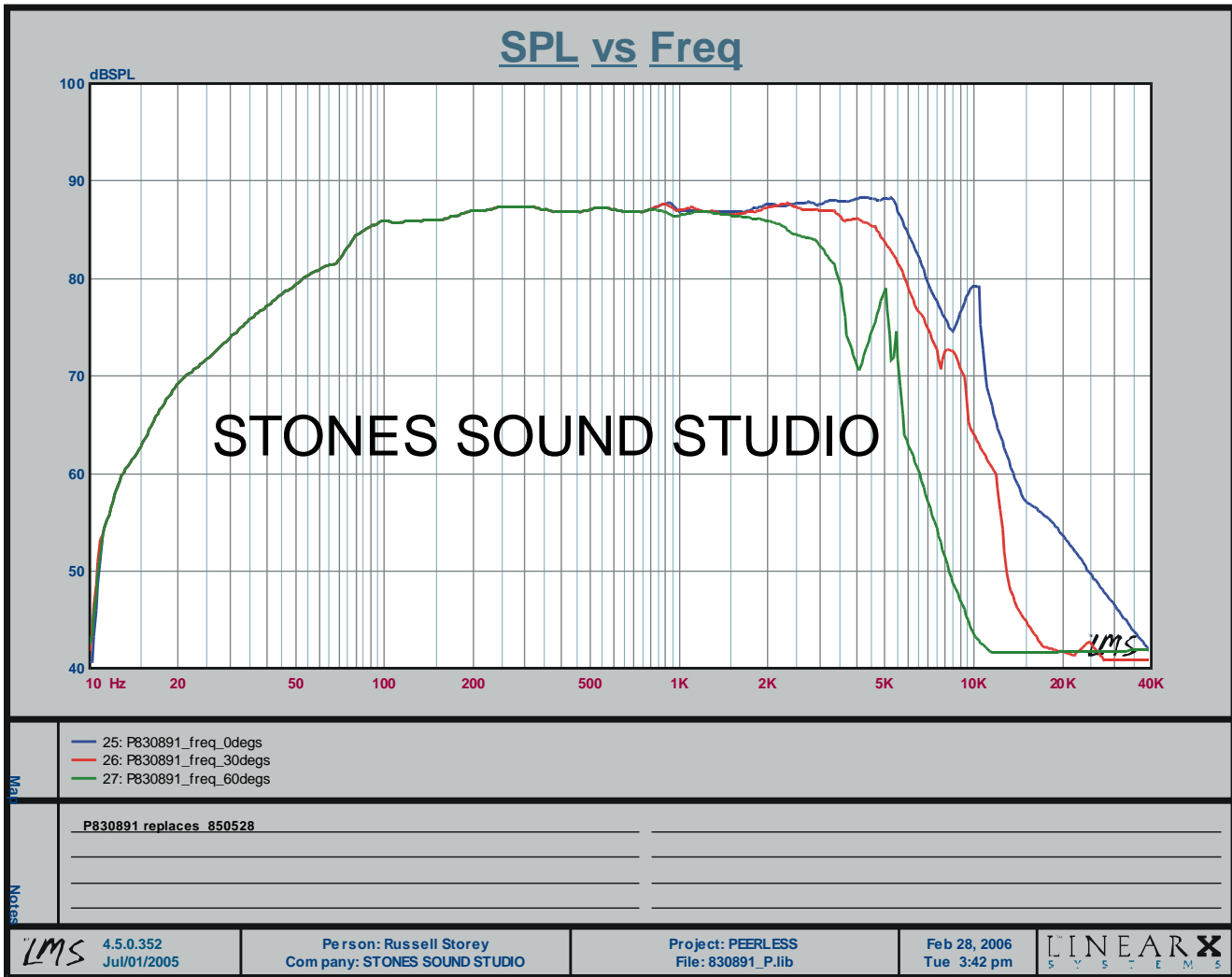
**HDS 5" Bass/Mid Woofer**

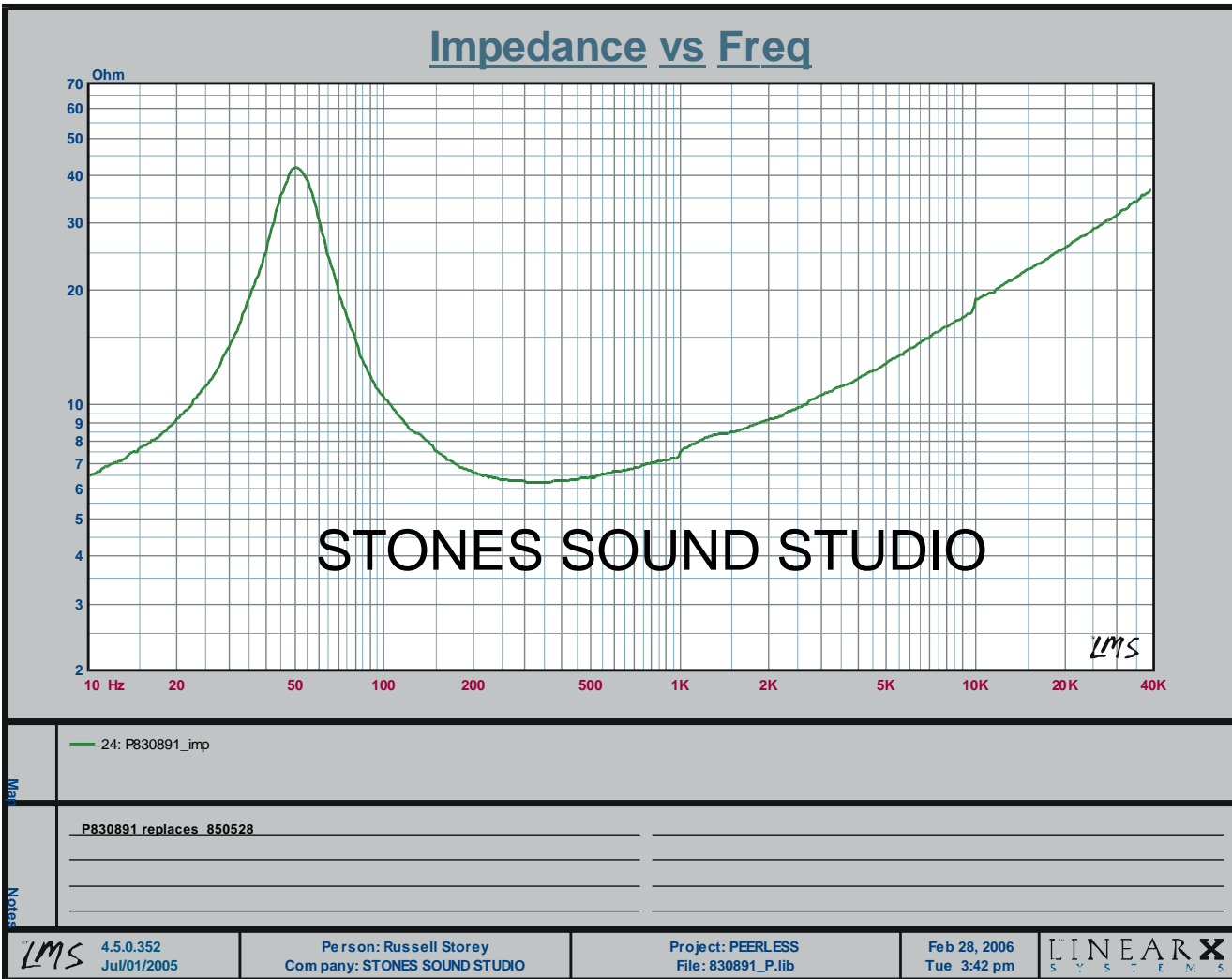
**Shielded**



**Features:**

A High End mid-woofer with rigid aerodynamic cast aluminum basket profile, and ventilated spider. The new peerless composite poly-cone improves accuracy and consistency of sound reproduction over the entire frequency range, creating a more "musical" driver. Concave dust cap rubber surround and TV shielding make this an excellent high definition driver for Home theatre and music systems





**P830891 PEERLESS  
(5")**

**T/S**

**APPLICATION NOTES :**

<b>Nominal Impedance</b> ohms			<b>SIZE (DIA)</b> 5" 152mm Woofer bass/mid
<b>Re</b> (dc voice coil resistance) ohms	5.7		<b>CONE</b> Composite poly cone
<b>Le</b> (voice coil Ind @ 1khz) mH	0.43		<b>HOLE CUT OUT</b> 120mm
<b>Fs</b> (resonance frequency) Hz	48.43		
<b>Qms</b> (mech Q factor)	2.50		<b>RECOMMENDED ENCLOSURE</b>
<b>Qes</b> (elect Q factor)	0.39		<b>TYPE</b> VENTED
<b>Qts</b> (total Q factor)	0.34		<b>VOLUME</b> 8 to 12Ltrs
<b>Mms</b> ( moving mass) gms	11.3		<b>BOX</b> DIMENSIONS (HxWxD)
<b>Mmd</b> ( cone mass) gms	10.8		<b>PORT</b> DIMENSIONS (WxD)
<b>Cms</b> (Susp compliance) uM / N	952		<b>PORT</b> (Fs)
<b>SPL</b> (Sensitivity) db	86.9		
<b>D</b> ( cone rad diameter) mm	107		
<b>Sd</b> (piston area) cm <sup>2</sup>	90		
<b>Vas</b> (Eq volume) ltr	10.9		
<b>BI</b> (force factor) T/M	7		
<b>Voice</b> (coil diameter) mm	26		
<b>Voice</b> (coil length) mm	13		
<b>Xmax</b> (pk/pk) excursion mm	4		
<b>Power rating</b> (watts) rms	110		

**Mechanical Dimensions: HDS P830891 5"**

