



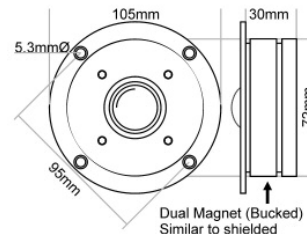
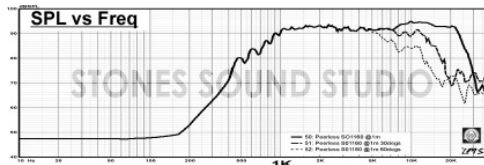
### TWEETER 1"/105mmØ XLS HIGH DEFINITION

Developed & made by Peerless to Stones Sound Studios' specifications. Compliments & enhances the XLS driver range. Improved power handling, sensitivity and definition. Twin bucking magnet reduces stray fields (use near tv) and focuses BL flux. Inbuilt pole dampening with contoured pure fibre felt. Special, extremely low viscosity ferro fluid, ventilated alloy former, for faster speed and a better controlled motor assembly. Cast alloy flat fascia. Exposed treated soft dome. Off axis optimized.

- P/No. 105 DK 26 72 SF FF DM (SO1160)
- Pwr 130Wrms (3K-20KHz)
- Coil 26mmØ
- Mag 72mmØ
- Zevc 5.1Ω
- Fs 1066Hz
- Sd 7.2cm<sup>2</sup>
- Vas 7.1mL
- Cms 96.522µM/N
- Mmd 220.000mg
- Mms 231.109mg
- BL 3.258 TM
- Sens' 92.951dBm
- Qms 1.184
- Qes 0.671
- Qts 0.428
- Code 810653
- Cost *Please Enquire*



**HDS**  
High Definition Series



Physical measurements taken from actual stock. Please allow for measurement tolerances. (Approx. <math>\pm 3\%</math>). It is recommended that you acquire actual stock before drilling any holes!

#### Design of The Peerless high definition Tweeter for Home Theatre and Music (By Stones Sound Studio)

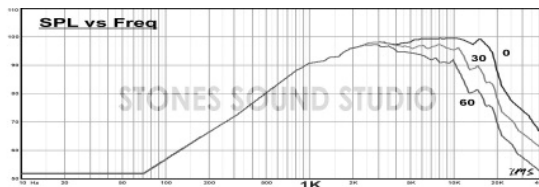
Designing a Special High End, High Definition Tweeter for Home Theatre *and* Music was certainly a worthy challenge. Usually we have a speaker system where we are listening to music in stereo but this has all changed. With the introduction of DVD, multi-channel surround sound is here to stay. Music listening now has to overlap with DVD home theatre action, special effects and music in the background of a movie. Thus simply relaxing at home now requires your speaker system to faithfully reproduce the incredible dynamics of this new medium, by having a very wide bandwidth and greater dynamic range with less distortion and also shielding properties for close proximity to your TV or computer monitor. The Peerless SO1160 26mm treated soft dome tweeter was developed by Stones Sound Studio in conjunction with Peerless in Denmark with all this in mind. Features include a wide dispersion with an alloy flat face plate, flat off-axis response, excellent dynamic range and micro low level detail is achieved with a pure copper voice coil, a low inductance conical felt damped internal cavity chamber and the use of high density reversed Double Magnets produces a high flux density and stray magnet field reduction. Also the use of extremely low viscosity ferro-fluid aids in keeping the voice coil heat dissipation temperature down and at the same time increasing the dynamic program range and maximum power of the unit. This new tweeter will meet the demands of any system using the Peerless range of drivers, especially the XLS series.



### TWEETER 1"/100mmØ HORN LOADED

Gaining a resurgence in popularity. Inserted into range as requested. The horn loaded tweeter offers increased sensitivity for high efficiency, high output designs. Same 1" soft dome tweeter as the other high end Peerless tweeters, but with a horn baffle directing the sound forward giving about +6dB 15° on-axis. Also achieves linear-phase design with its 20mm countersinking (shares the sound origin of the woofer).

- P/No. 100 HDT 26 72 SF
- Pwr 100Wmax (3K-20KHz)
- Coil 26mmØ
- Mag 72mmØ
- Zo 8Ω (6.8Ωdc)
- Fs 1040Hz
- Sens' 99.5dBm !!!
- Code 811647
- Cost *Please Enquire*



Physical measurements taken from actual stock. Please allow for measurement tolerances. (Approx. <math>\pm 3\%</math>). It is recommended that you acquire actual stock before drilling any holes!

### MIDRANGE SEALED BACK 4"

Fully enclosed, one piece integrated metal housing for simple installation and exceptional midrange sound reproduction. All polypropylene cone and surround with ferrofluid 1" voice coil for very high power handling and easy filtering. This driver has remained very popular because of its practicality and excellent sound.

- SSS "Recommend X-Over F=750Hz & 5KHz 6dB/Octave"
- P/No. 122 M 26 72 PPB FF
- Pwr 180Wmax (100Hz-5KHz)
- Coil 26mmØ
- Mag 72mmØ
- Zo 9.1726 (6.30Ωdc)
- Fs 641.9856Hz
- Sens' 91.5dBm
- Qms 1.07
- Qes 2.16
- Qts 0.72
- Code 821615
- Cost *Please Enquire*



Physical measurements taken from actual stock. Please allow for measurement tolerances. (Approx. <math>\pm 3\%</math>). It is recommended that you acquire actual stock before drilling any holes. See [www.stonesoundstudio.com/peerless](http://www.stonesoundstudio.com/peerless) or [www.peerless.dk](http://www.peerless.dk) for more data.