



CHN 50

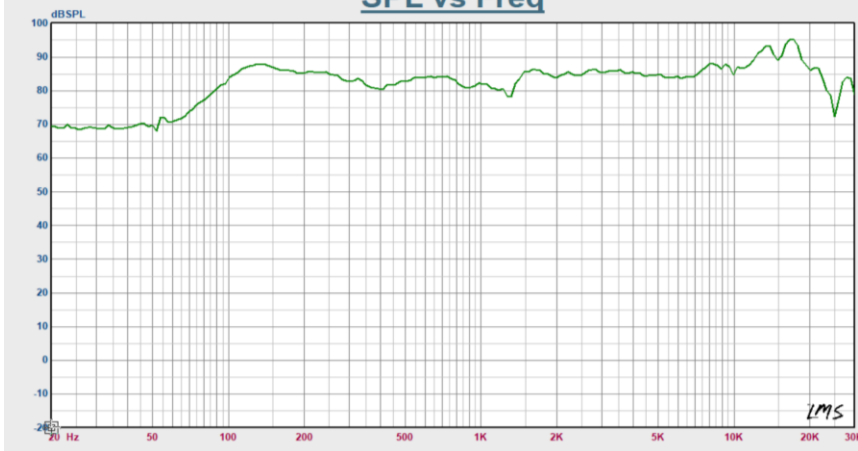
The CHN50 is an affordable new compact 3in drive unit suitable for use in small nearfield loudspeakers, as a quality mid-tweeter for low-crossover multiway designs with our CHP90, and for array applications.

We have built a gentle rise into the low and high frequency response, as seen in some of our more expensive drive units, to enhance positioning flexibility. The sound presentation is forgiving, without glare, and the Thiele / Small parameters, with a generous 3.5mm (1-way) Xmax are balanced for ease of use.

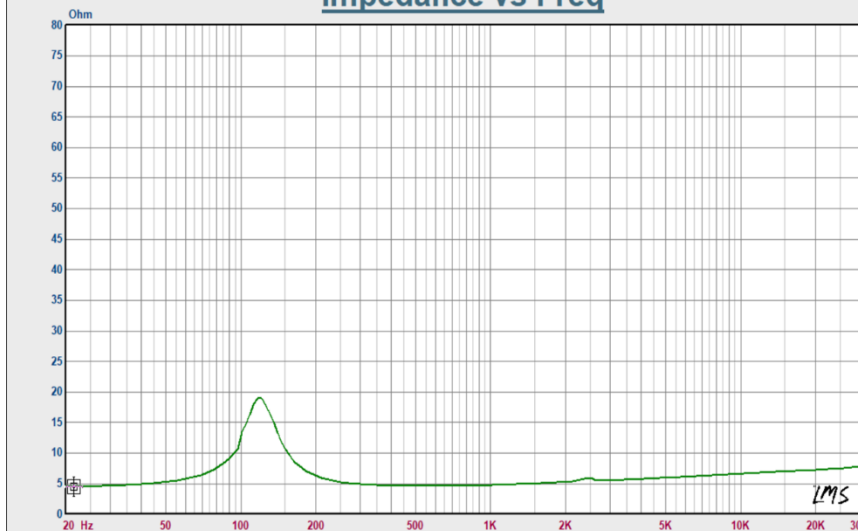
The low-mass voice coil, suspension and shallow profile magnesium alloy cone are unique designs for the CHN50. The pressed steel frame is designed to be very open and allow airflow to be as free as possible to the rear of the cone. Response extends from resonance to beyond 20KHz, and the impedance rise at higher frequencies is only modest, due to the careful motor design.



SPL vs Freq



Impedance vs Freq



- FS 113.1594 Hz
- VAS 1.0965 L
- RE 3.4000 Ohm
- QMS 2.8318
- QES 0.6865
- QTS 0.5526
- B×I 2.6869 T×m
- SPL 85.74
- SD 0.0028 m²
- CMS 0.9822 mm/N
- MMS 2.0871 g
- RMS 0.5148 WM
- RAT 329987 WA
- RMT 2.6380 WM
- MMD 2.0020 g
- h₀ 0.21%
- L_{1kHz} 0.0600 mH
- PWR 7 watts (Nom)
- X MAX (Mech) +/- 3.5mm

