

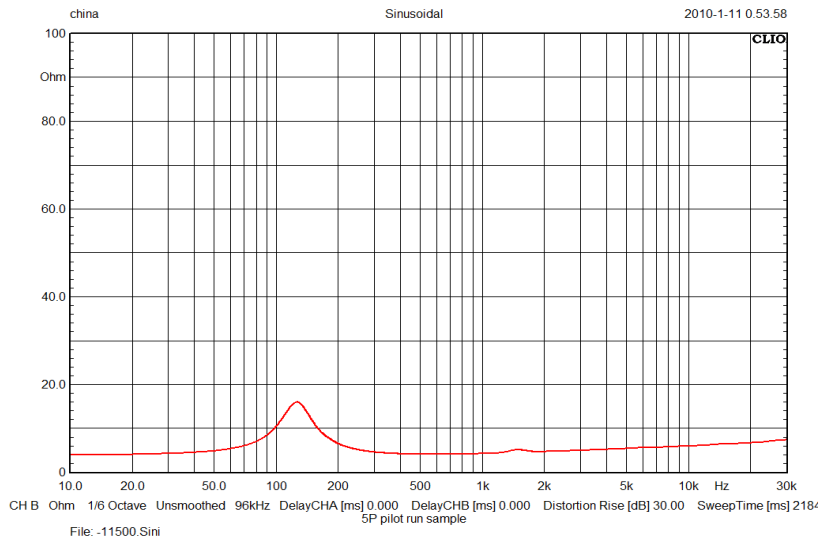


CHN 50P

The CHN50P is an affordable new compact 3 in 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. The cone is formed from paper, mica and fiberglass materials creating high stability in the emitting surface across the usable frequency range.

F Zero is 126Hz, VAS is +1.24 Litres and SPL 87.5 dB. Useable frequency range (depending on box design) is from 120Hz to 28KHz rated at +87dB in many 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 CHN50P. 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.



- FS 126.2361 Hz
- VAS 1.2475 L
- RE 3.3000 Ohm
- QMS 2.723
- QES 0.7084
- QTS 0.5621
- BxI 2.2925 Txm
- SPL 87.5192
- SD 0.0028 m²
- CMS 1.1175 mm/N
- MMS 1.4224 g
- RMS 0.4143 WM
- RAT 251048 WA
- RMT 2.0070 WM
- MMD 1.3373 g
- h₀ 0.34%
- L1kHz 0.0599 mH
- PWR 7 watts (Nom)
- X MAX (Mech) +/- 3.5mm

