

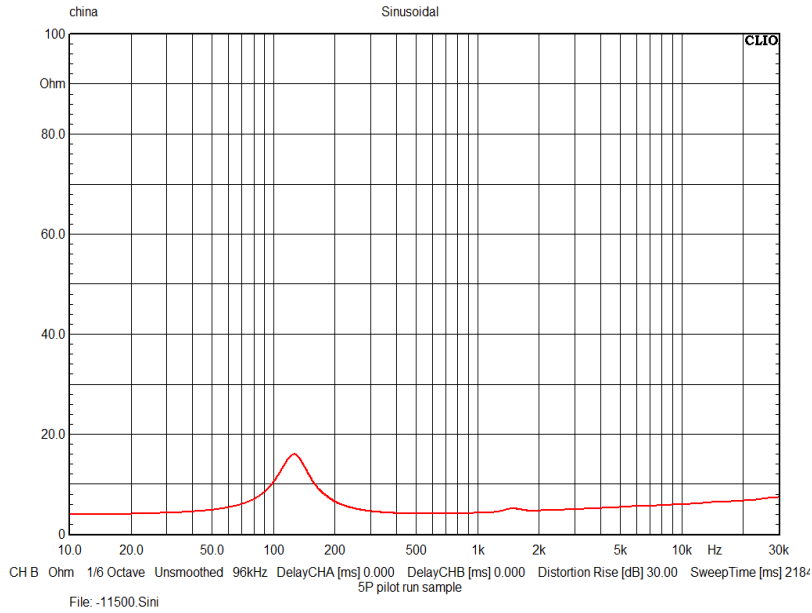


CHN 50P

The CHN50P is an affordable compact 3 inch drive unit suitable for use in small full-range near-field projects, or as a quality mid-tweeter for low-crossover multiway designs with our CHP90, also line-array designs. The cone is formed from paper, mica and fibre-strand 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 neutral and the Thiele / Small parameters, with a generous 3.5mm (1-way mechanical) 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. The response extends from resonance beyond 20KHz, and the impedance rise at higher frequencies is near flat.



FS 126.2361 Hz
VAS 1.2475 L
RE 3.3000 Ohm
IMP 4 Ohm (Nom)
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
MMD 1.3373 g
PWR 7 watts (Nom)
X MAX (Mech) +/- 3.5mm

