



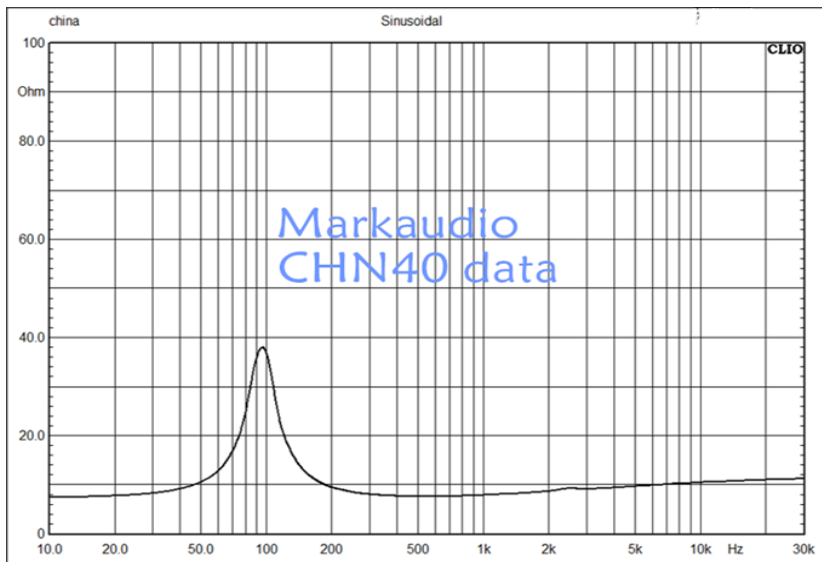
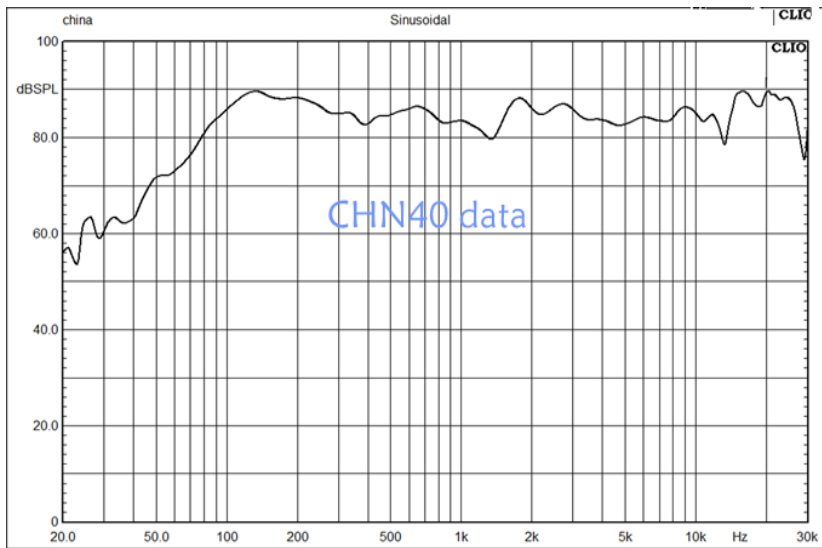
CHN 40

The CHN40 is Markaudio's smallest driver in its entry level line up after the CHN50 and CHN70, new compact 2.5in unit suitable for use in smaller fullrange or nearfield loudspeaker systems, as a quality mid-tweeter for low-crossover multiway designs, and for array applications.

The CHN40 has a gentle rise into the low and high frequency response, as seen in some of our more expensive drive units, to enhance speaker box off-axis 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 custom designs for the CHN40. 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 25KHz, and the impedance rise at higher frequencies is only modest, due to the careful motor design.

The CHN40, like the larger driver in this series is versatile, easy to install, making it suitable for a wide variety of applications.



FS	97.4826 Hz
VAS	1.1523 L
RE	6.8000 Ohm
QMS	3.7689
QES	0.7752
QTS	0.6429
Bxl	3.1071 Txm
SPL	83.41
SD	0.0023 m2
CMS	1.5733 mm/N
MMS	1.6942 g
RMS	0.2753 WM
RAT	307716 WA
RMT	1.6140 WM
MMD	1.6322 g
h0	0.13%
L1kHz	1.0575 mH
PWR	7 watts (Nom)
X MAX (Mech)	+/- 3.5mm

