

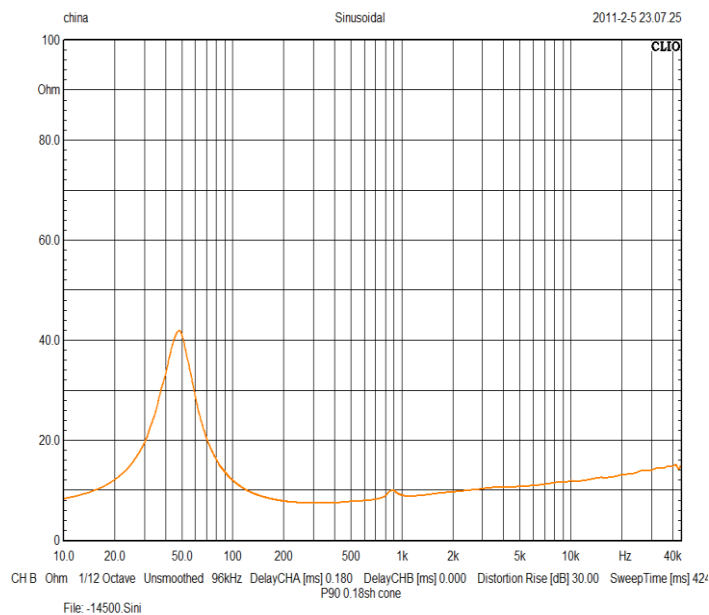
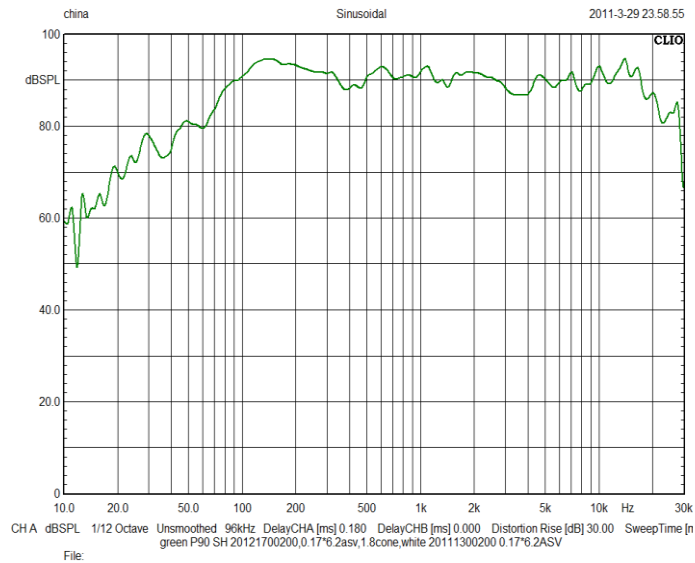


CHP 90

The CHP90 is an attractive Full-Range multi-purpose drive unit suitable for use in variety of medium size loudspeakers applications, or as part of a multiway system. For single full-range point-source purist applications, the CHN90 is highly capable. The cone is formed from paper, mica and fibreglass materials creating high stability in the emitting surface across the usable frequency range.

F Zero is 48Hz, VAS is +20 Litres and SPL 89.2 dB. Useable frequency range (depending on box design) is from 37Hz to 28KHz rated at +89dB in many applications. The frequency response curve is near flat, making the CHN90 ideal for purist applications. The central mid-range is benign, near flat response, from 1KHz to 6KHz giving end-users and custom builders the potential to use the CHP90 as a mid-field driver in larger multiway applications, useful for balancing out larger radiated surface outputs from big bass units.

The CHP90 also has potential for use in 2 way applications as a bass-mid driver. Most Markaudio drivers have a purpose designed frequency lift in the lower ranges (typically 100Hz to 500Hz) to compensate for baffle step losses. The CHP90 is useful to these applications where end-users and loudspeaker makers need a wider choice on frequency cross-over point selection. The CHP90 shares the custom, modified-ABS chassis design with the CHR90. All moving parts (powertrain) are new and custom made for this driver. Much work has been done to make the CHP90 a versatile driver and extend the well-known performance characteristics of Markaudio's products.



FS	48.53 Hz
VAS	20.05 L
RE	6.2000 Ohm
QMS	2.2008
QES	0.4354
QTS	0.3635
BxL	4.8444 Txm
SPL	89.2353
SD	0.0085 m2
CMS	1.9898 mm/N
MMS	5.4051 g
RMS	0.7489 WM
MMD	4.9619 g
L1kHz	0.2642mH
L10kHz	0.0880 mH
PWR	40 watts (Nom)
X MAX (Mech)	+/- 7mm

