



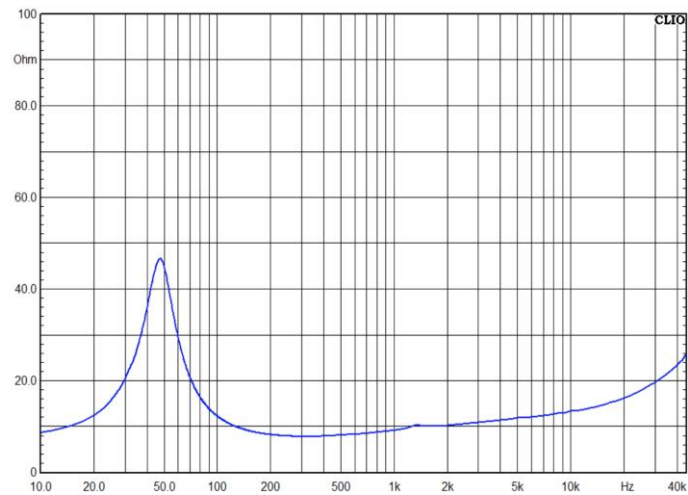
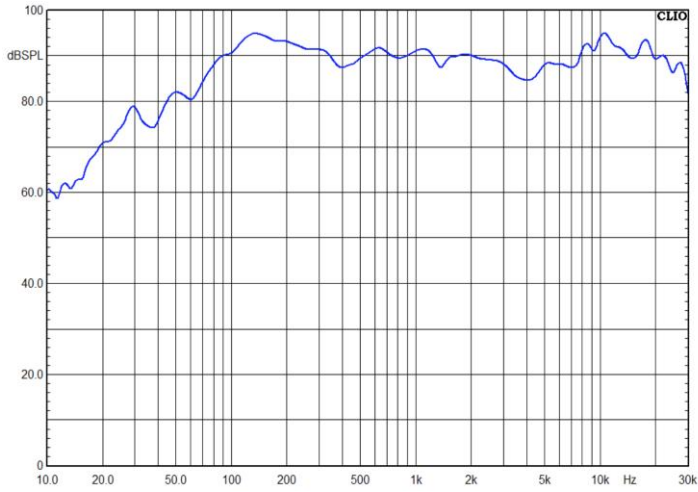
## CHR 90

The CHR is an affordable all-new 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 CHR90 is highly capable. F Zero is 44Hz, VAS is +26 Litres and SPL 89.4 dB. Useable frequency range (depending on box design) is from 37Hz to 28KHz rated at +86dB. The frequency response curve is near flat, making the CHR90 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 CHR90 as a mid-field driver in larger multiway applications, useful for balancing out larger radiated surface outputs from big bass units.

The CHR90 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 CHR90 is useful to these applications where end-users and loudspeaker makers need a wider choice on frequency cross-over point selection.

The CHR90 chassis is an all-new design, dedicated to this driver. All moving parts (powertrain) are new and custom made for this driver. Much work has been done to make the CHR90 a versatile driver and extend the well-known performance characteristics of Markaudio's products.



FS	44.3 Hz	QTS	0.3598
QMS	2.4647	SD	0.0085 m <sup>2</sup>
VAS	26.1403 L	RMS	0.5614 WM
QES	0.4212	CMS	2.5942 mm/N
dB SPL	89.36	MMD	4.5230 g
MMS	4.9661 g	L1K	0.2891 mH
RE	6.8000 Ω	L10K	0.0912 mH
BL	4.7260	PWR	40Watts (Nom)
		X max	7MM (1 Way)

