

Features:

- Extended bandwidth (300 - 22000Hz)
- Neodymium magnet assembly
- With two subsystems in one, each driver covers a smaller frequency range for increased power handling, high dynamic and extremely low distortion
- Excellent phase coherence
- Perfect time alignment without problems of multi-source interference
- Ultra lightweight and small size

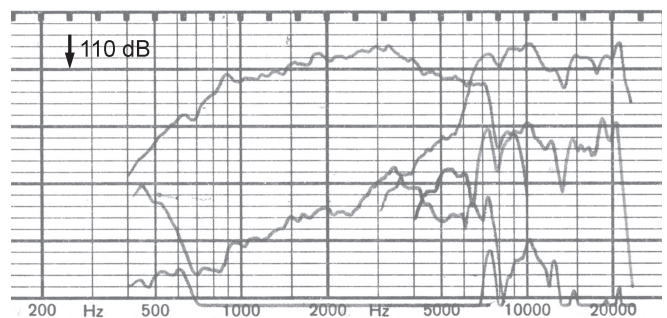
The 4595ND is a 1,5" coaxial compression driver delivering a real coherent single point wave front without hot spots with excellent phase coherence and perfect time alignment. The driver is in fact a 2-way system employing two concentric annular ring diaphragms. Each driver covers a smaller frequency range for increased power handling, high dynamic and extremely low distortion.

The larger of the two reproduces middle frequency from 300 Hz upward, crossing over 6,3 kHz to the HF transducer which is capable of reaching 22 kHz. The

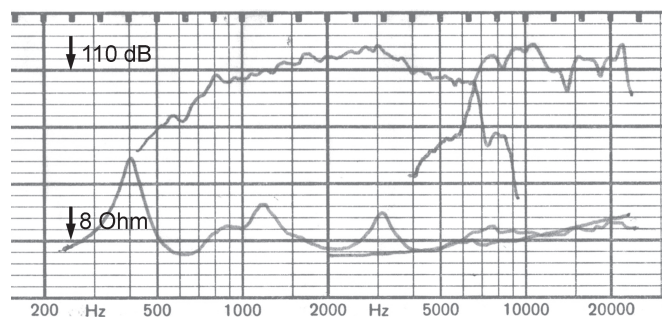
The voice coils may be driven in conjunction with a passive crossover or driven individually from an active crossover. The outer casting features extensive heatsinking ensuring high power handling and low compression.

Also available as a midrange driver (4595ND-mid).

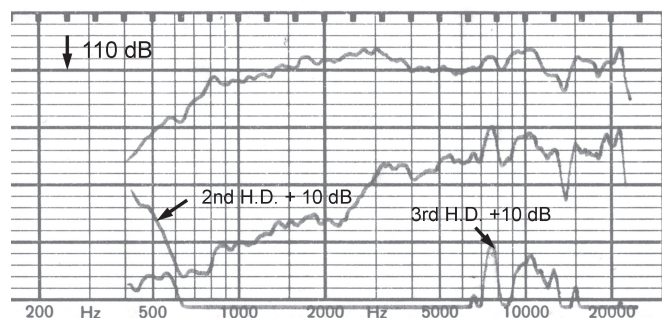
BMS 4595-8, 60° conical, 2nd + 3rd harmonic distortion raised 10dB., SPL 1W / 1m



BMS 4595-8, 60° conical, SPL 1W / 1m



BMS 4595-8, incl. passive crossover, 2nd + 3rd harmonic distortion raised 10dB., SPL 1W / 1m



SPECIFICATIONS

Throat diameter	1.5" (38 mm)
Nominal impedance	8 or 16 Ohm
Power capacity	
Middle range (AES)	150 W above 400 Hz
peak	1000 W peak above 500 Hz
High range (AES)	80 W
peak	320 W
Sensitivity 1W/1m	118 dB on 40° x 20° Horn
Frequency range (Hz)	300 - 22000 Hz
Recommended crossover	300 Hz
Middle frequency range	300 - 7000 Hz
High frequency range	6000 - 22000 Hz
Middle/High crossover	6300Hz
Voice coil high-range	1.75" (44.4 mm)
Voice coil mid-range	3.5" (90 mm)
Magnet material	Neodymium
Flux density (Tesla)	1.95 (mid), 2.2 (high)
Efficiency	35% (300 - 5000 Hz)
Voice coil material	Copper Clad Aluminum
	(2Layers in- and outside of the VC)
Voice coil former	Kapton™
Diaphragm material	Polyester
Mounting information	
Overall Diameter	132 mm (+/- 3 mm)
Depth	94 mm
Net weight	2.3 kg
4x M6 holes, 90° on	101.6 mm, 4" diameter