

# 4593ND

## 1.4" Coaxial Neodymium Compression Driver

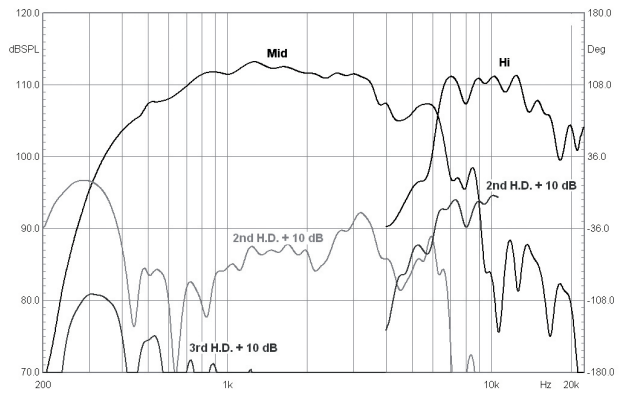
# Neodymium Series



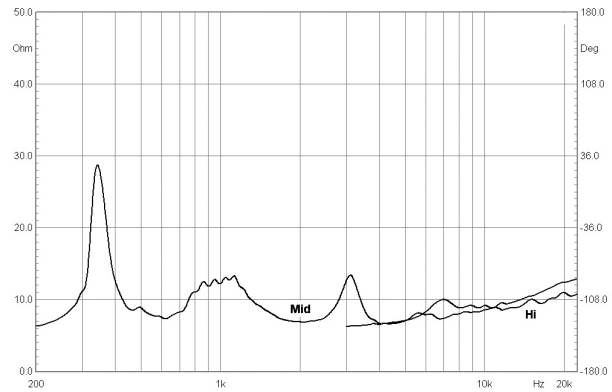
### Features:

- Extended Bandwidth (300 - 22000 Hz)
- 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 light Weight and small Size

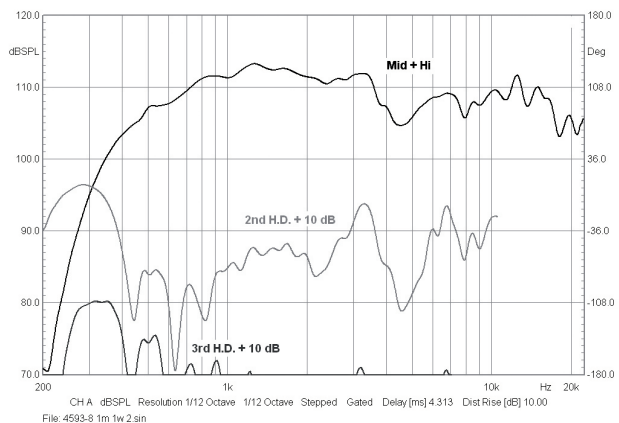
BMS-4593-8, 60° x 40° Horn, 2nd + 3rd harmonic distortion raised 10 dB, SPL 1 W / 1 m



BMS-4593-8 Impedance



BMS-4593-8, incl. passive crossover, 2nd + 3rd harmonic distortion raised 10 dB, SPL 1 W / 1 m



## SPECIFICATIONS

Throat diameter	1.4" (36 mm)
Nominal impedance	8 or 16 Ohm
Power capacity	
Middle Range (AES)	150 W AES above 400 Hz
Peak	1000 W peak above 500 Hz
High Range (AES)	80 W
Peak	320 W
Sensitivity 1 W / 1 m	118 dB on 40° x 20° Horn
Frequency Range	300 - 22000 Hz
Recommended Crossover	300 Hz
Middle Frequency Range	300 - 7000 Hz
High Frequency Range	6000 - 22000 Hz
Middle /High Crossover	6300 Hz
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, 2.0 high
Efficiency	35 % (300 - 5000 Hz)
Voice Coil Material	Copper Clad Aluminum
	(2 Layers in- and outside of the VC)
Voice Coil Former	Kapton TM
Diaphragm Material	Polyester