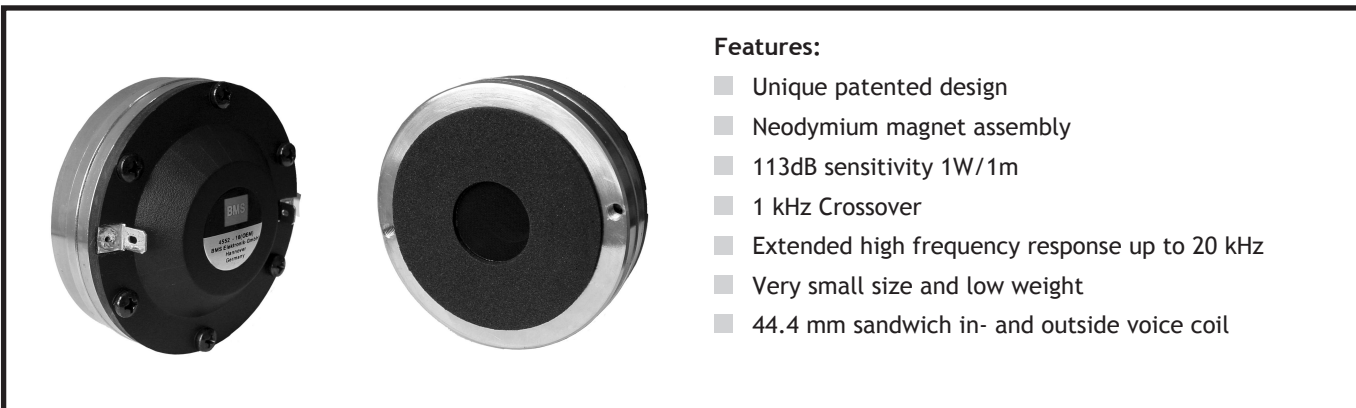


# 4552ND

1" High frequency neodymium compression driver

# 1" Compression Drivers



### Features:

- Unique patented design
- Neodymium magnet assembly
- 113dB sensitivity 1W/1m
- 1 kHz Crossover
- Extended high frequency response up to 20 kHz
- Very small size and low weight
- 44.4 mm sandwich in- and outside voice coil

BMS 4552 ND is a powerful 1" professional compression driver that delivers superb sonic quality in a small package. The unique BMS annular diaphragm together with the high energy neodymium magnet achieve very high sensitivity and linear frequency response up to 20 kHz. The sound of 4552 ND is extremely transparent and detailed, it has an exceptional dynamic range and produces even the most complex music signals with depth and definition.

The BMS 4552ND - 1" compression driver is designed for a wide variety of applications including high level professional reinforcement systems, studio monitors and high-end audio.

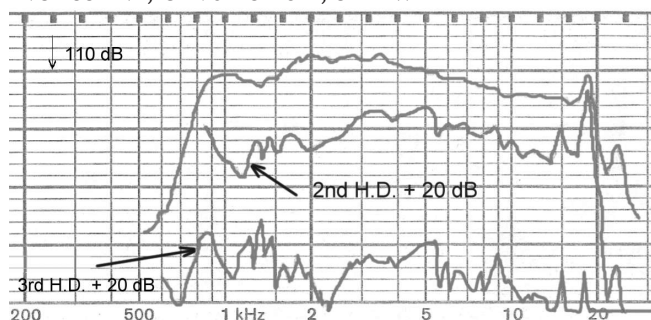
## SPECIFICATIONS

Throat diameter	1" (25.4 mm)
Nominal impedance	8 or 16 Ohm
Power capacity (AES)	80 W
Peak Power	450 W

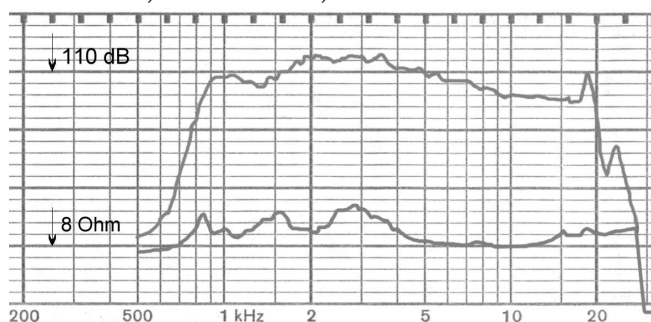
Sensitivity	
CD Horn 90°x75°, 1W/1m	113 dB
Plane wave tube, 1mW	118 dB
Maximal SPL (cont.)	132 dB at 80 W
Frequency range	500 - 20000 Hz
Recommended crossover	1000 Hz
Voice coil diameter	1.75" (44.4 mm)
Magnet material	Neodymium
Flux density (Tesla)	2.2
Voice coil material	Copper Clad Aluminium
Voice coil former	Kapton™
Diaphragm material	Polyester

MOUNTING INFORMATION		
Overall diameter	mm	85 (+/- 0.1 mm)
Depth	mm	36
Net weight	kg	0.83
2x M5 holes, 180° on 76.2 mm diameter		

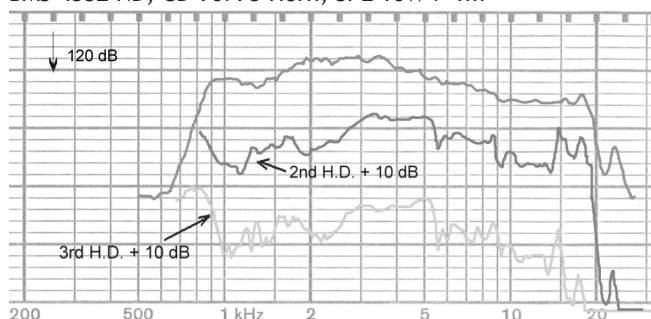
BMS 4552 ND, CD 90/75 Horn, SPL 1W / 1m



BMS 4552 ND, CD 90/75 Horn, SPL 1W / 1m



BMS 4552 ND, CD 90/75 Horn, SPL 10W / 1m



Neodymium Compression Drivers