



H 4540 ND

Compression Driver

1" NEODYMIUM HIGH FREQUENCY COMPRESSION DRIVER

4540 ND is the ultimate BMS driver in its class - for now

- the smallest and lightest in its class
- the loudest in its class
- the most impressive of all is the superior sound
- Unique patented design
- Neodymium magnet assembly
- 114 dB sensitivity 1W / 1m
- Extended high frequency response up to 30 kHz
- Very small size and low weight
- 38 mm voice coil 1" 3/8 - 18 N screw or 1" flange adapter

BMS 4540 ND is a powerful 1" professional compression driver that delivers superb sonic quality in a very small package. The unique BMS annular diaphragm together with the high energy neodymium magnet achieve very high sensitivity and linear frequency response up to 30 kHz. The sound of 4540 ND is extremely transparent and detailed, it has an exceptional dynamic range and produces even the most complex music signals with depth and definition.

4540 ND - 1" compression driver is designed for a wide variety of applications including high level professional reinforcement systems, studio monitors and high-end audio.

Durability and reliability are key in heavy-use professional applications. Therefore each driver is systematically tested to strict standards to ensure highest possible quality.



Specifications	4540 ND
Throat diameter	1" (25,4 mm)
Nominal impedance	8 or 16 Ohm
Power capacity (AES)	60 W
Peak power	300 W
Sensitivity in:	
CD Horn 90°x75°, 1W / 1m	114 dB
Plane wave tube, 1mW	118 dB
Maximal SPL (cont.)	132 dB @ 60 W
Frequency range	1.200 - 30.000 Hz
Recommended crossover	1.900 Hz
Voice coil diameter	1,5" (38 mm)
Magnet material	Neodymium
Flux density	2,2 T
Voice coil material	Cooper Clad Aluminium
Voice coil former	Kapton
Diaphragm material	Polyester

Mounting information

Overall Diameter	72 mm (+/- 0,1mm)
Depth	45 mm
Net weight	0,530 kg
Mounting	1" 3/8 - 18N screw or 1" flange adapter

