

### 1" NEODYMIUM HIGH FREQUENCY COMPRESSION DRIVER

4552 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
- 113 dB sensitivity 1W / 1m
- 1 kHz crossover
- Extended high frequency response up to 20 kHz
- Very small size and low weight
- 44,4 mm 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.

4552 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	4552 ND
Throat diameter	1" (25,4 mm)
Nominal impedance	8 or 16 Ohm
Power capacity (AES)	80 W
Peak power	450 W
Sensitivity in:	
CD Horn 90°x75°, 1W / 1m	113 dB
Plane wave tube, 1mW	118 dB
Maximal SPL (cont.)	132 dB @ 80 W
Frequency range	500 - 20.000 Hz
Recommended crossover	1.000 Hz
Voice coil diameter	1,75" (44,4 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	85 mm (+/-0,1mm)
Depth	36 mm
Net weight	0,83 kg
Two M6 holes, 180° on	76,2 mm diameter

