

**1" HIGH FREQUENCY  
COMPRESSION DRIVER**

- Unique patented design
- 113 dB sensitivity 1W / 1m
- 1,3 kHz crossover
- Extended high frequency response up to 20 kHz
- Small size and low weight



BMS 4544 is a powerful 1" professional compression driver that delivers excellent superb sonic quality in a small package. The unique BMS annular diaphragm together with the patented radial phasing plug achieve very high sensitivity and linear frequency response up to 20 kHz. The sound of the BMS 4544 has an exceptional dynamic range and produce even the most complex music signals with depth and definition.

The BMS exclusive voice coil technology employs light weigh Cooper Clad Aluminium wire wound inside and outside of the Kapton former to improve the heat dissipation. This technology dramatically increase the acoustic output and reliability of the drive and minimizes the power compression.

The BMS 4544 - 1" compression driver is designed wide variety of applications in high quality professional reinforcement systems and stage monitors.

<b>Specifications</b>	<b>4544</b>
Throat diameter	1" (25,4 mm)
Nominal impedance	8 or 16 Ohm
Power capacity (AES)	80 W
Peak power	400 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	1.300 Hz
Voice coil diameter	1,75" (44,4 mm)
Magnet material	Ceramic
Flux density	1,9 T
Voice coil material	Cooper Clad Aluminium
Voice coil former	Kapton
Diaphragm material	Polyester

**Mounting information**

Overall Diameter	110 mm
Depth	47 mm
Net weight	1,53 kg
Two M6 holes, 180° on 76,2 mm diameter	

