

4544

1" High frequency compression driver

1" Compression Drivers



Features:

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

BMS 4544 is a powerful 1" professional compression driver that delivers excellent sonic quality in a small package. The BMS exclusive voice coil technology employs a light weight Copper Clad Aluminium wire wound inside and outside of the Kapton™ former to improve the heat dissipation. This technology dramatically increases the acoustic output and reliability of the driver and minimises the power compression.

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

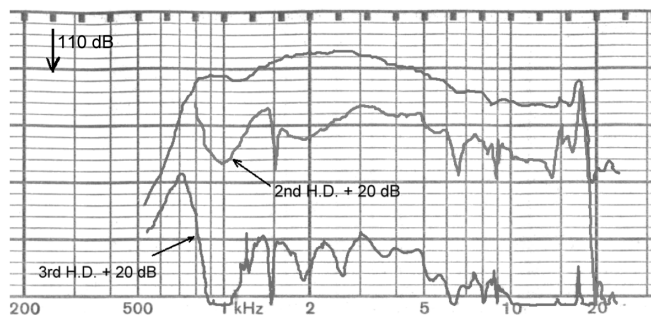
SPECIFICATIONS

Throat diameter	1" (25.4 mm)
Nominal impedance	8 or 16 Ohm
Power capacity (AES)	80 W
Peak Power	400 W

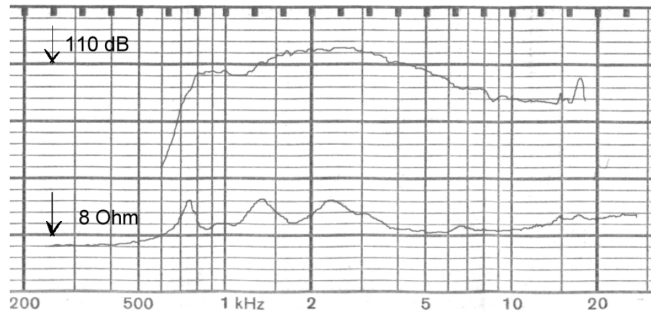
Sensitivity	
CD Horn 90°x75°, 1W/1m	113 dB
Plane wave tube, 1mW	118 dB
Maximal SPL (cont.)	132 dB at 80 W
Frequency range	500 - 20000 Hz
Recommended crossover	1300 Hz
Voice coil diameter	1.75" (44.4 mm)
Magnet material	Ceramic
Flux density (Tesla)	1.9
Voice coil material	Copper Clad Aluminium
Voice coil former	Kapton™
Diaphragm material	Polyester

MOUNTING INFORMATION		
Overall diameter	mm	110
Depth	mm	47
Net weight	kg	1.53
2x M6 holes, 180° on 76.2 mm diameter		

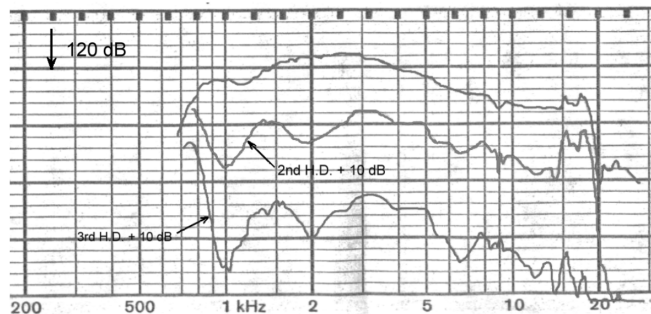
BMS 4544, CD 90/75 Horn, SPL 1W / 1m



BMS 4544, CD 90/75 Horn, SPL 1W / 1m



BMS 4544, CD 90/75 Horn, SPL 10W / 1m



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