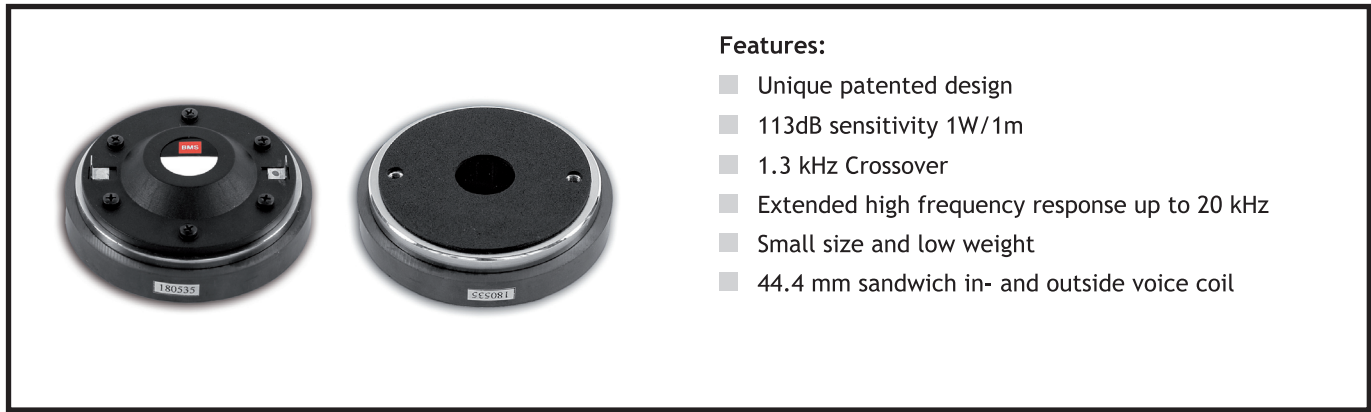


4544

1" High frequency compression driver

1" Compression Drivers



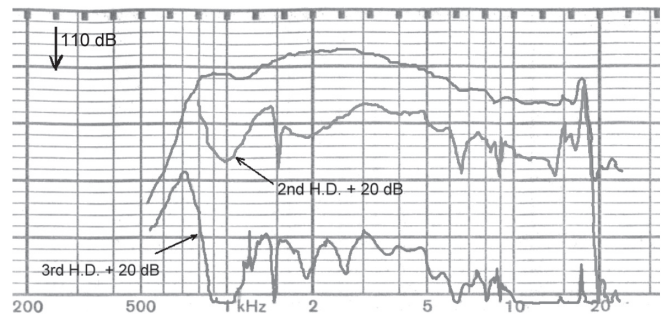
Features:

- 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.

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



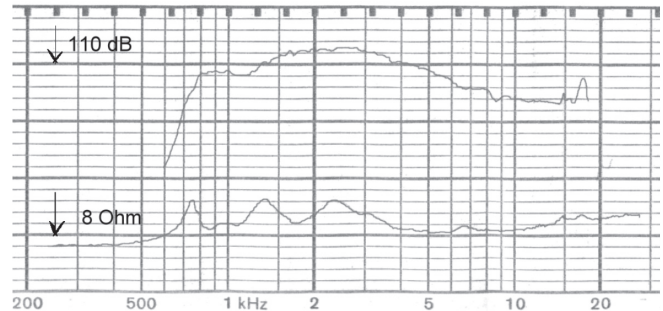
SPECIFICATIONS

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

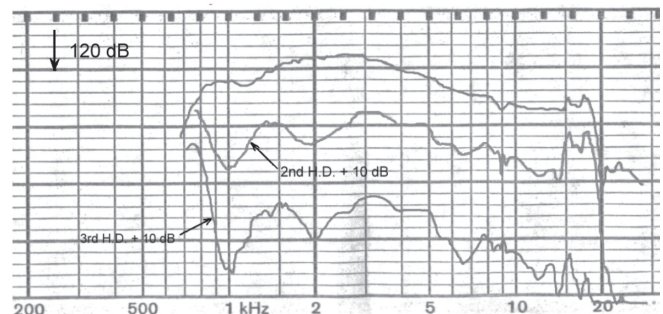
| | |
|-------------------------|----------------------|
| Sensitivity | |
| CD Horn 90° x75°, 1W/1m | 113 dB |
| Plane wave tube, 1mW | 117 dB |
| Maximal SPL (cont.) | 132 dB at 80 W |
| Frequency range | 500 - 20000 Hz |
| Recommended crossover | 1300 Hz |
| Voice coil diameter | 1.75" (44.4 mm) |
| Magnet material | Ferrite |
| Flux density (Tesla) | 1.85 |
| Voice coil material | Copper Clad Aluminum |
| 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 10W / 1m



Compression Drivers