



KEY FEATURES:

- 1" Exit Throat**
- 1.75" Diaphragm**
- 80 W continuous program power**
- Frequency range: 1000Hz - 20kHz**
- New phase plug design**
- Copper inductance ring for extended response**
- Vented suspension**

The D44 is new improved version of D2544.

It is 1" high frequency compression ferrite driver, that incorporates new phase plug, new dome with vented suspension and copper inductance ring, which improve sound characteristic and ensure very low distortion at high sound levels.

The smooth impedance response in crossover region ensures perfect work with passive crossovers

It is suitable for use in high quality 2 way and 3 way boxes. The voice coil assembly is easily field replaceable without soldering.

SPECIFICATION

Throat diameter	25,4 mm (1 in.)
Nominal impedance	8/16 Ohms
Minimum impedance	9.08 /14.62 Ohms
D.C. resistance	5,70 /10,16 Ohms
Power capacity (2-20 kHz)	40W
Program Power Capacity (2-20 kHz)	80W
Sensitivity (2-15 kHz)	108.5 dB
Frequency range	1 - 20 kHz
Recommended crossover	1,5 kHz or higher 12 dB/oct.min
Voice coil diameter	44 mm (1,75 in.)
Flux density	1.6 T

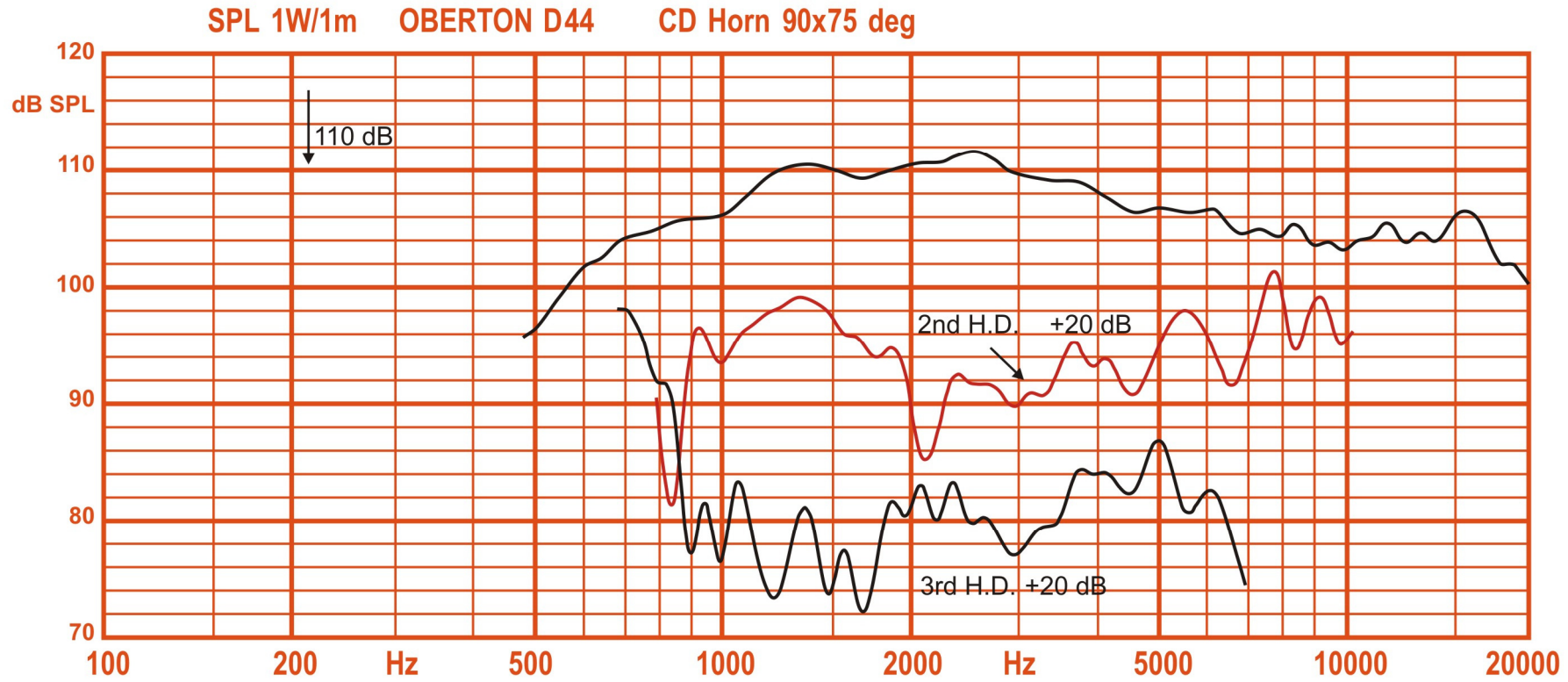
Positive voltage on red terminal moves diaphragm toward the phasing plug.

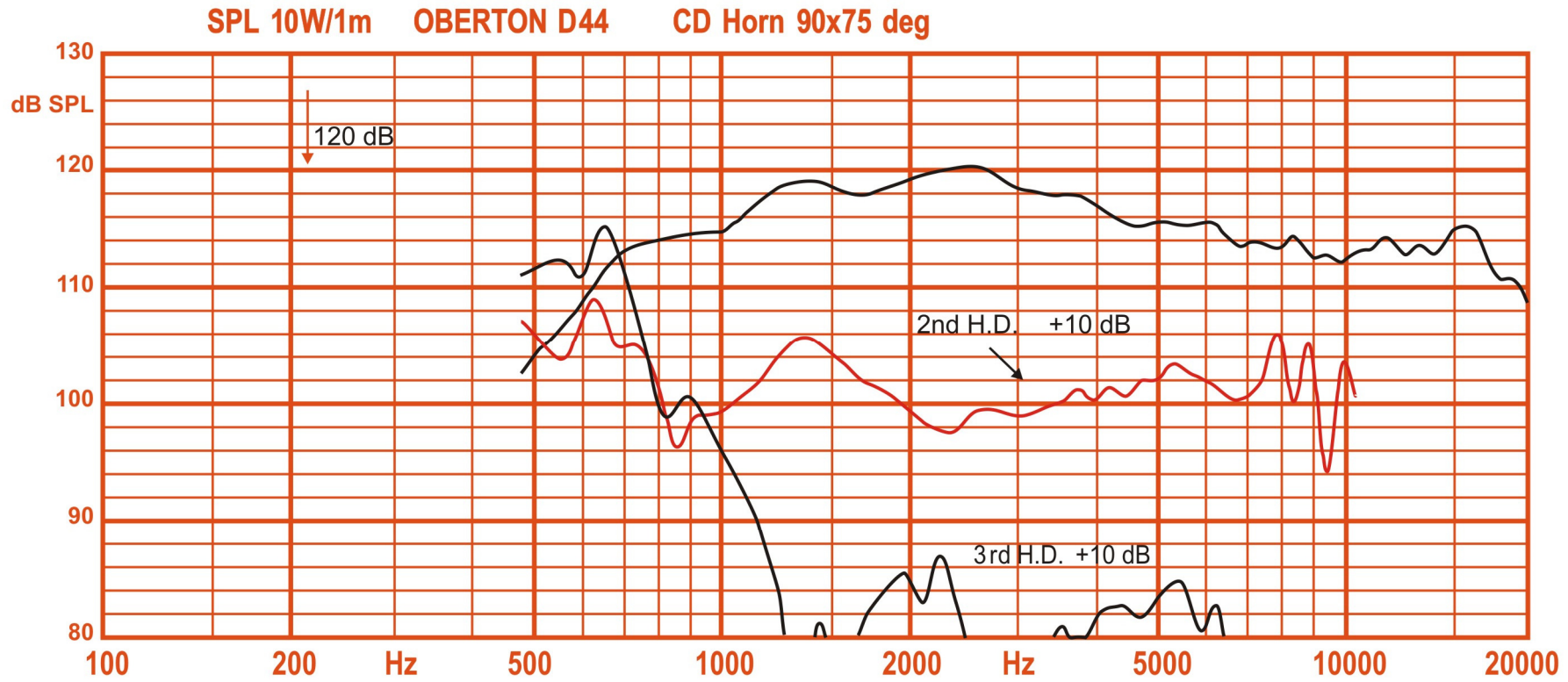
MATERIALS OF CONSTRUCTION

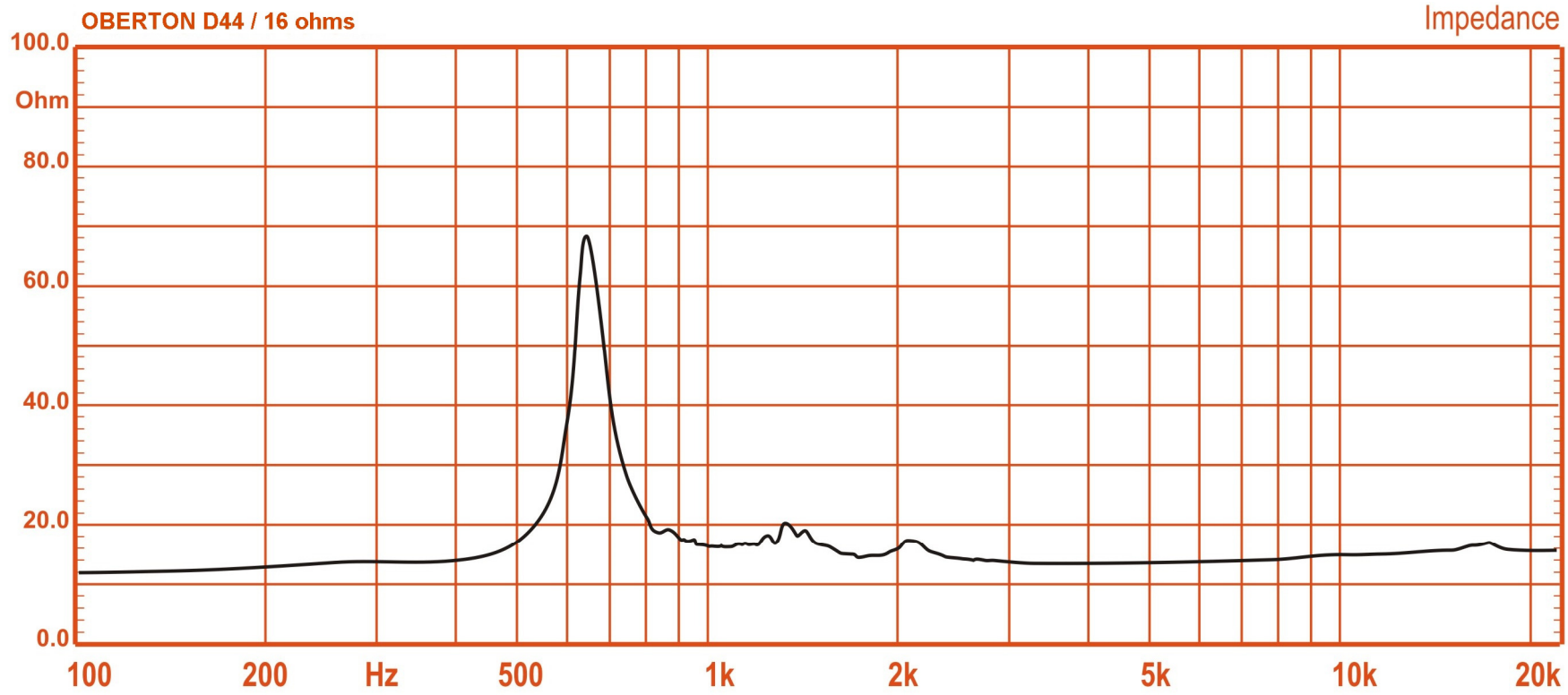
Diaphragm	sandwich polyester
Voice coil material	Aluminium
Voice coil former	Kapton™

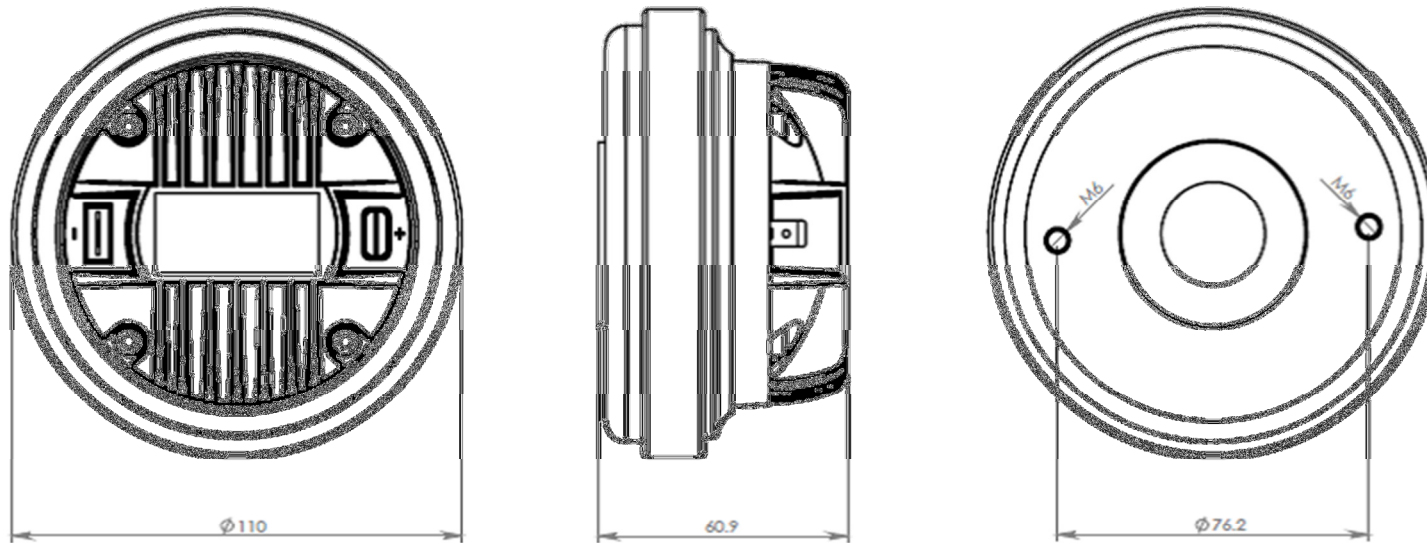
MOUNTING INFORMATION

Overall diameter	110 mm
Depth	60.9 mm
Mounting	2 x M6 holes 180°/ 76.2
Net weight	mm/3" diameter 1,7 kg









OBERTON	
model:	D44
Dimensions are in mm	Scale: 1:1.5