

Visaton DL5

Assessment

The second smallest candidate we tested from Visaton stood out as a result of its unbelievably smooth frequency response from 150 Hz to 10 kHz. Above 1.5 kHz, there is a subtle up and down flutter which is due, according to the “waterfall” graph, to slight reverberation. Despite this, this 3.3” driver exhibits the lowest levels of distortion ever recorded by us for recessed speakers between 100 Hz and 10 kHz. Within its size range, this is, without a doubt, the speaker with the best sound quality. This transformer-free 8 ohm driver is rated as having 10 watts and no less than 30 watts for music. The maximum level graph shows that it can, indeed, produce 30 watts across a broad frequency range with less than

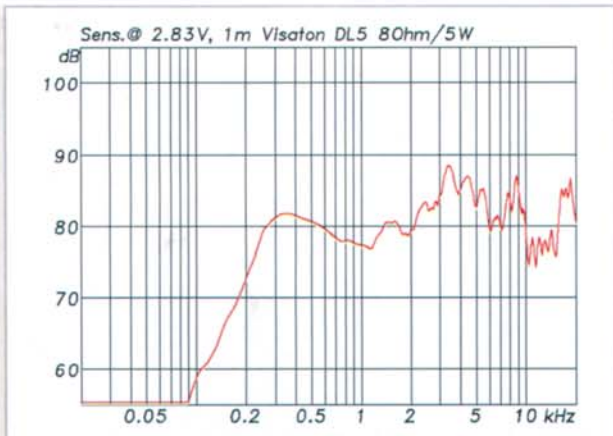
3% distortion. Below 500 Hz, distortion is a fraction higher due to the displacement of the diaphragm. As one would expect, the space pattern up to 3 kHz is round. Fitting of this elegantly designed and well-finished speaker is similar to the smaller DL5, using the two spring-loaded clips – but it does make sense to be cautious with the clips because they are tightly sprung. Despite this, fitting is extremely easy. Once you have cut out a 9.3 cm circular hole with a jig saw, insert the speaker with its spring clips pushed up out of the way and - Bob’s your uncle - it’s held firmly in place. As a result of its faultless finish and excellent acoustic properties, the DL8 can really be recommended.

Specifications

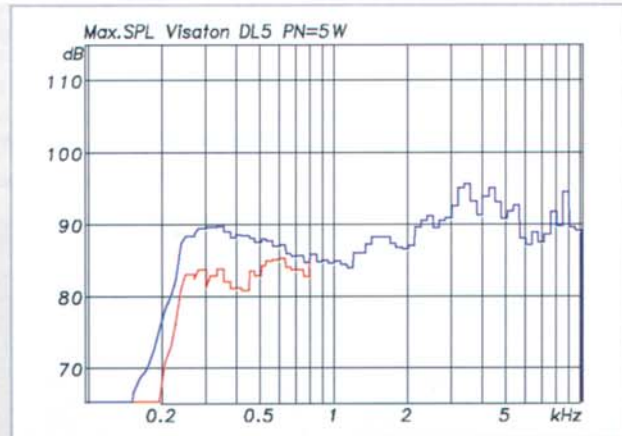
Speaker type	8 /30 W, one way
Cut-out size	9.3 cm
Weight	330 gr.
Option	flush-mounting housing
Price	approx. DM 43.40

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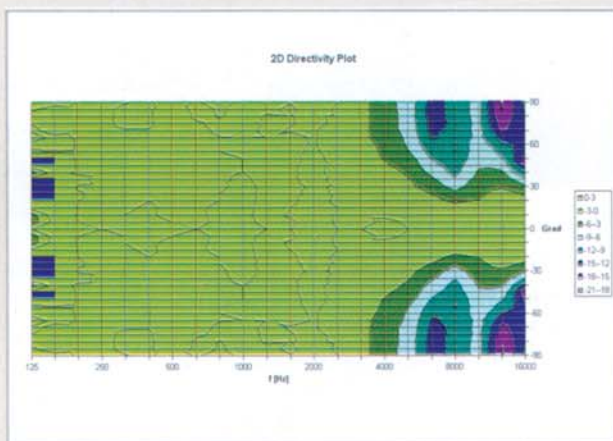
Sensitivity 100 Hz to 10 kHz 1W/1m	78.4 dB
Sensitivity 200 Hz to 3 kHz 1W/1m	79.4 dB
Frequency response 100 Hz to 10 kHz	28.1 dB
Frequency response 200 Hz to 3 kHz	12.0 dB
Max. SPL 100 Hz to 10 kHz	84.1 dB
Max. SPL 200 Hz to 3 kHz	86.8 dB
Radiation angle -6 dB (up to 10 kHz)	±30°
Radiation angle -6 dB (up to 3 kHz)	±90°



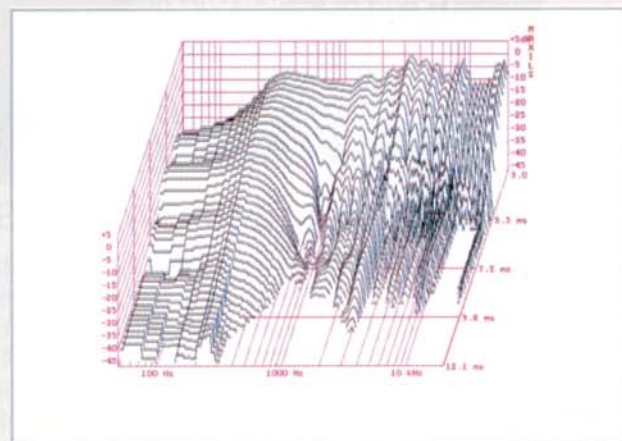
Frequency response DL5



Maximum level DL5



Directivity DL5



Fall-off spectrum DL5