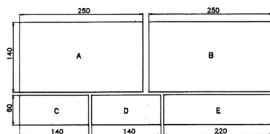


The Tweeter

► In the tweeter range, Dynaudio's new development, the ESOTEC D-260, is used. This tweeter is the result of several years of research based on the experience gathered with the now legendary ESOTART-330 D. The overall frequency range is extremely flat, and even above 20 kHz there are no peaks or dips.

To achieve natural music reproduction, it is of particular importance that the energy generated by the back wave of the dome is absorbed completely, so that it is not reflected and mixed to the front wave after a delay. This is a problem that has long plagued other tweeter designs, and its elimination in the design of the ESOTEC D-260 ensures faithful musical reproduction.



The Crossover Filter

► In the D'Appolito design, 6 or 18 dB crossovers are required. The Dynaudio drivers are wide band so that the best results are achieved with 6 dB crossovers. Consequently, the disadvantages encountered in filters with a high slope, particularly in regard to difficulty in reproducing pulse response without ringing, can be avoided.