## DINAUDIO®

THE VARIOVENT IS AN OPENING IN THE LOUDSPEAKER-BOX WHICH IS PADDED WITH DAMPING MATERIAL. IT CONSISTS OF AN OPEN PLASTIC CABINET, IN WHICH THE AMOUNT AND THICKNESS OF THE DAMPING MATERIAL MAY BE ADJUSTED TO THE IDIVIDUAL CONSTRUCTION OF THE LOUDSPEAKER

TECHNOLOGY UNLIMITED

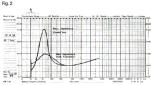
Physically, the VARIOVENT is a flowresistance, damping the resonance like a DC-resistance in the oscillating circuit which results in a more precise bass response (excellent transient

response) and better woofer quality.

The impedance maximum at the rescenance point will be reduced by at least 50% compared to a sealed cabinet (fig. 2). Consequently, the amplifier is able to give more power in the lower range. The coellisation of the cone after a strong pubs is aperiodically damped (fig. 3 and 4). A cabinet construction with VARIOVENT must not be mistaken for a bass-reflex box. This often is neinfand to a voluminous

not be mistaken for a bass-reflex box. This often is inclined to a voluminous and inaccurate bass response. To the contrary, the VARIOVENT causes a more clear and well defined bass response.





The use of a VARIOVENT is rather unproblematic, as no delicate turing is necessary, compared to transmiscionilina or bass-reflect boxes. Therefore, it is also to be recommended for dis-4-yeared such an ay case, an improvement of the problematic or such as the problematic or such as the problematic or such as microscopic and the problematic or such as the such as the such as the problematic or s

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Fig. 4

Cabinet with Variorina

Corresponding consequences