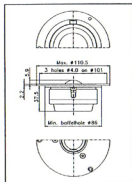
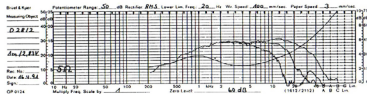


Soft Dome Tweeter D-28/2

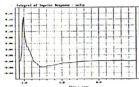


Produced for more than 14 years, the D-28 has now been revised in many details. The improvements relate to the acoustic-musical side as well as to the inside mechanics. In terms of technical data and measurements the D-28/2 is fully compatible with its predecessor. The application of this soft dome tweeter in 2-way systems from app. 2,000 Hz is found in many prestigious brands and often with 6 dB crossover designs.

The D-28/2 is a perfect match for 3-way constructions as well. As proven by the measurements shown here, the dynamic response of this tweeter is simply outstanding. It fully documents the advantage of this professional designed soft-dome set against any other product.

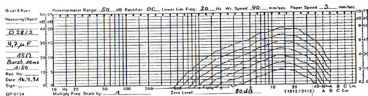


Frequency response and impedance curve of the D-28/2, distance: 1 m, on-axis, 30° and 60°.



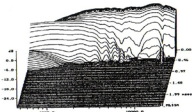
The MLSSA measurements show the pulse response of the D-28/2.

Dynamic Measurements



Levels of 1, 3, 10, 30, 100, 300 and 1,000 watts were applied while recording the curves. The parallel arrangement of the curves indicates that even fast 1,000 W peaks do not produce any compression.

MLSSA Waterfall Plot



The MLSSA cumulative spectral decay (waterfall) plot shows the energy/time response of the D-28/2. These unique results clearly show that delayed reflections have been reduced to a minimum.

Specifications

Thiele-Small Parameter:

Q _{mech}	0.71
Q _{elec}	0.97
Q _{total}	0.41
Resonance free air	880 Hz
force factor	3.9 Tm
eff. cone area	7.7 cm ²
moving mass	0.53 g
lin. excursion (p-p)	0.3 mm
max. excursion (p-p)	3.2 mm

Voice coil:

diameter	28 mm
length	2.8 mm
n	2
L _l	0.065
inductance (10 KHz)	8 ohms
nom. impedance	8 ohms
DC resistance	5.2 ohms

Sensitivity 2.83 V see curve

Power handling,
depending on crossover:
nominal (long term)
transient

IEC	130 W
10ms	1,000 W

Net weight
Overall dimensions

560 g
Ø 111 x 46mm