

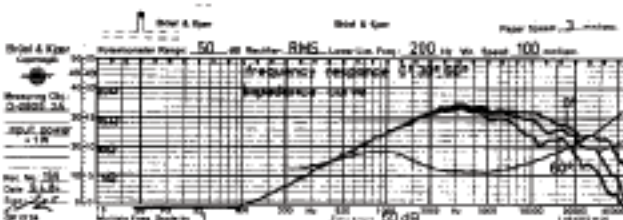
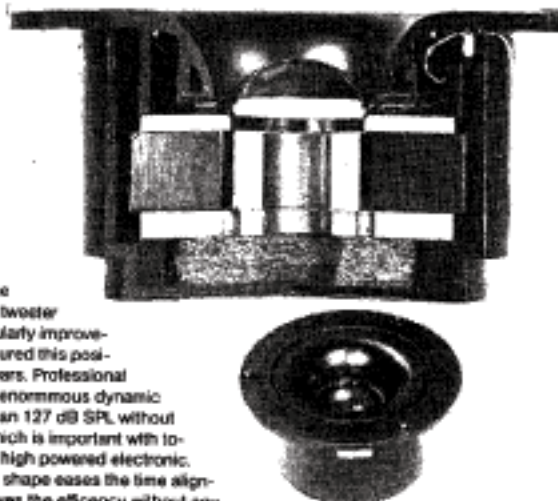
APPLICATIONS

1.1 inch (28mm) soft dome tweeter for 2- and 3-way systems with super tweeter also in 4- and 5-way systems mobile hi-fi commercial and PA

FEATURES

soft roll-off suspension
vented magnet motor
aperiodically damped
Hexacoil technique
Magnaflex cooling / damping
flexible connector wires
high power handling
dynamic range more than 127 dB - no compression
very high efficiency
very low THD

The D 28 has the most advanced tweeter technology. Regularly improvements have secured this position for many years. Professional users value the enormous dynamic range of more than 127 dB SPL without compression which is important with today's high class high powered electronic. The exceptional shape eases the time alignment and improves the efficiency without any horn characteristic.



The 30° and 60° off-axis curves prove clearly that the special house construction has no directional/horn effect at all.

Compliance:		Overall dimensions:		116x55 mm	
suspension	Cms	Power handling:		1000 W	
acoustic	Cas	acoustic	1000 W		
equivalent volume	Vas	mechanical	1000 W		
		electrical	1000 W		
		total	1000 W		
cone		Q-factor:			
eff. cone area	S _D	0.81			
moving mass	M _{ms}	1.11			
in. volume displacement	V _d	0.39			
mech. resistance	R _{ms}	700			
in. excursion P-P	X _{max}	12			
max. excursion P-P	X _{max}	93			
Frequency response	1200-25000	Sensitivity:			
Harmonic distortion	0.3 %	Voice coil:			
Intermodulation distortion	0.036 %	diameter	28		
Magnetization:		length	3.2		
total gap flux	340	layers	2		
flux density	1.52	inductance (nH)	Le	0.09	mH
gap energy	156	nom. impedance	Z _{ov}	8	Ω
force factor	4.2	min. impedance	Z _{min}	6.4	Ω
air-gap volume	V _g	DC resistance	R _e	5.3	Ω
air-gap height	2.5				
air-gap width	0.75				
net weight:	0.6				

Data given are as after 30 hours of running

*Depends on cabinet construction

*Thiele/Small parameters are measured not statically but dynamically

