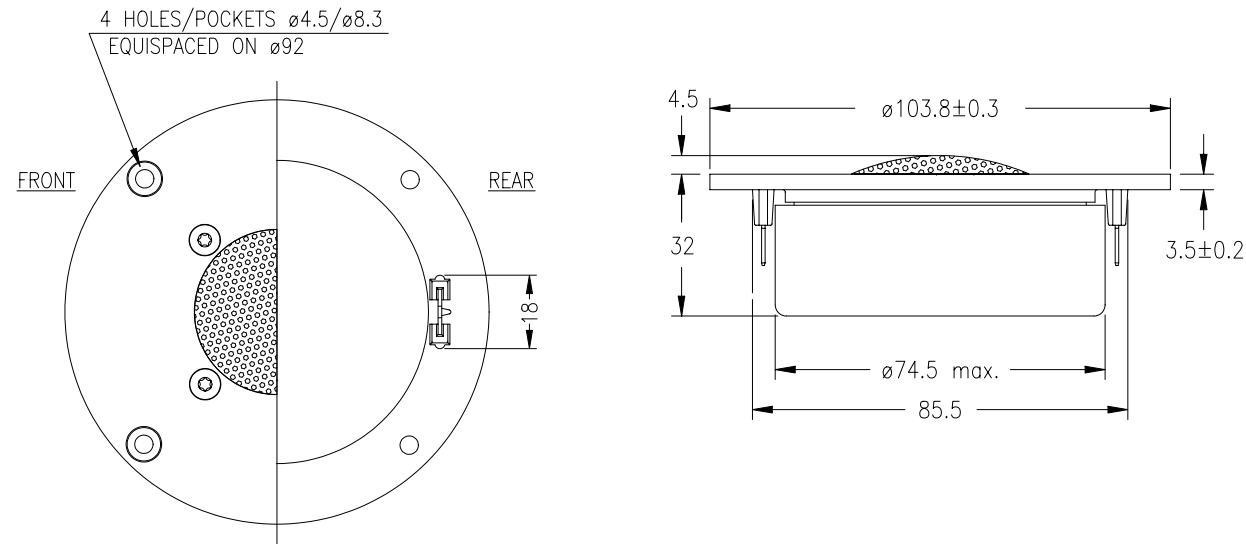
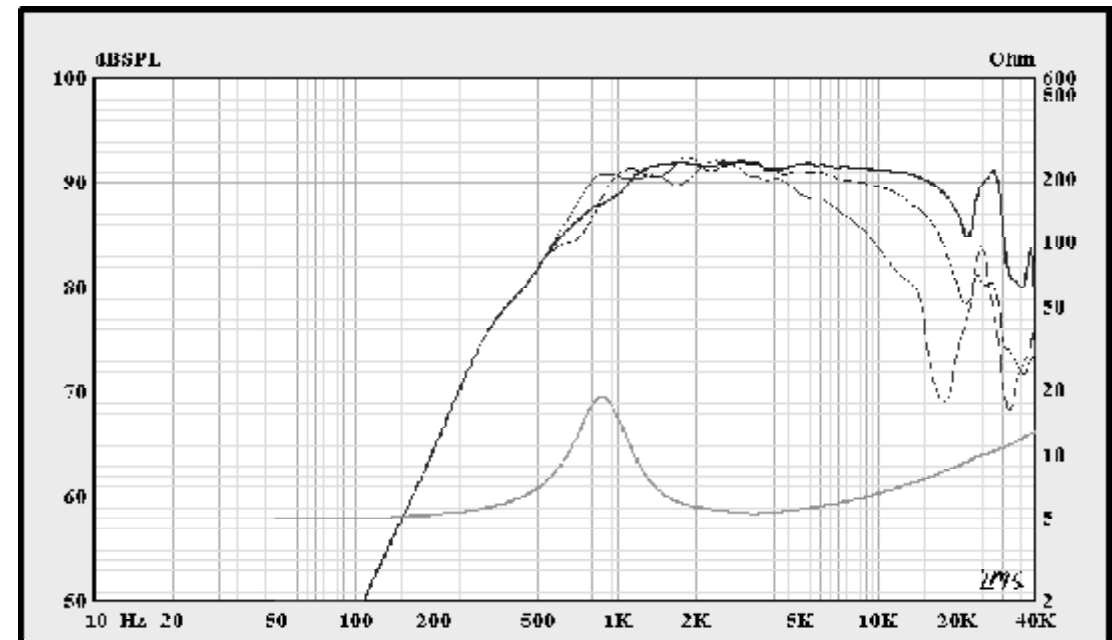


TWEETER 27TBC/GTV

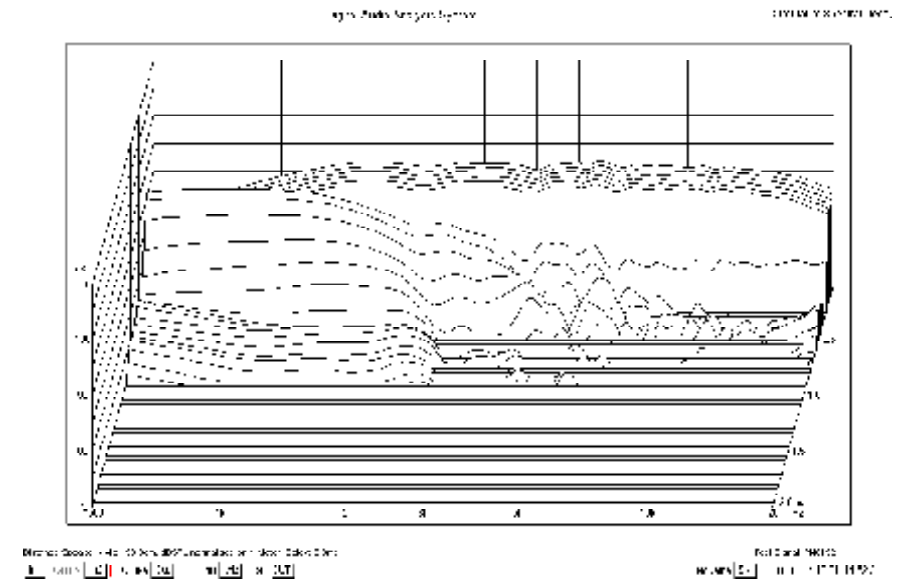


27mm High Definition aluminium/magnesium alloy dome tweeter with a wide, soft polymer surround designed to give high stability without magnetic fluid damping. The dome and surround materials give high consistency and excellent stability against variations in air humidity. The diaphragm is protected by a highly perforated hexagrid carrying an acoustic lens which tailors the high frequency roll off characteristic. The voice coil is wound on an aluminium voice coil former with adequate ventilating holes to eliminate noise from internal air flow. A shielded magnet system allows use in close proximity to video screens and TV sets. Using the screening can as a rear chamber with optimal acoustic damping allows 27TBC/GTV to be used with moderately low crossover frequencies. The chassis is precision moulded from glass fibre reinforced plastic, and its front design offers optimum radiation conditions.

NOTES



Cumulative spectral decay



NOMINAL IMPEDANCE	6 Ohms	VOICE COIL RESISTANCE	4.8 Ohms
RECOMMENDED FREQUENCY RANGE	2000-25000 Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.05 mH
SHORT TERM MAXIMUM POWER*	150 W	VOICE COIL DIAMETER	26 mm
LONG TERM MAXIMUM POWER*	55 W	VOICE COIL HEIGHT	1.5 mm
CHARACTERISTIC SENSITIVITY (1W, 1m)	91.5 dB SPL	MOVING MASS	0.33 g
OPERATING POWER (96 dB SPL, 1 m)	W	EFFECTIVE PISTON AREA	7.0 sq.cm
AIR GAP HEIGHT	2.0 mm	LINEAR COIL TRAVEL (p-p)	0.5 mm
MAGNETIC GAP FLUX DENSITY	1.5 T	FREE AIR RESONANCE	900 Hz
FORCE FACTOR	2.8 N/A		
MAGNET WEIGHT	0.4 Kg		
TOTAL WEIGHT	0.5 Kg		

* IEC 268-5, VIA HIGH PASS BUTTERWORTH FILTER: 3000 Hz 12 dB/oct.