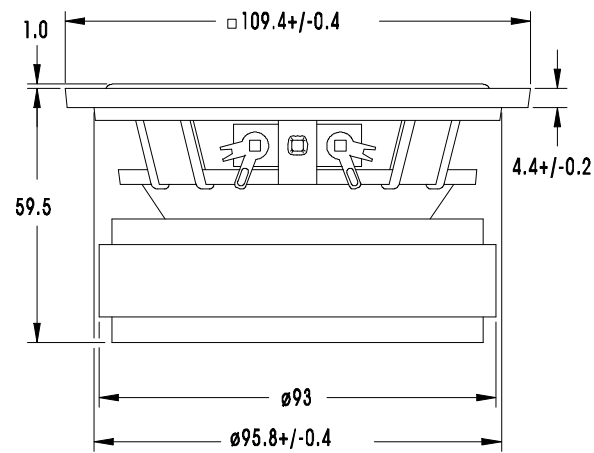
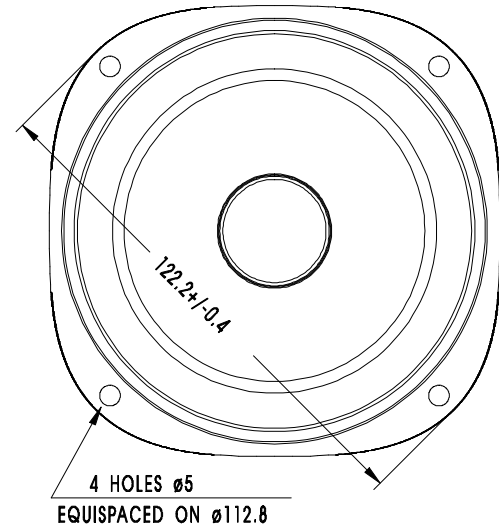




WOOFER

W11CY-001

E 001



The W11CY-001 is a 4.5" cone driver developed for use as an efficient Woofer/Midrange unit in small 2-way systems or as a high quality mid-range unit in multi-way systems.

The special design and construction of the W11CY-001 linearizes the driving force, significantly decreases distortion, and increases the long-term power handling capacity.

SPECIAL FEATURES:

Natural rubber surround and a paper cone coated with a unique, new coating method, which ensures smooth frequency response and low distortion.

Heavy copper rings mounted above and below the T-shaped pole piece, to reduce non linear and modulation distortion and increase overload margin.

Copper plating of the top and bottom plates and a solid copper phase plug, which enhance the performance of the copper rings and improves heat conduction away from the pole piece.

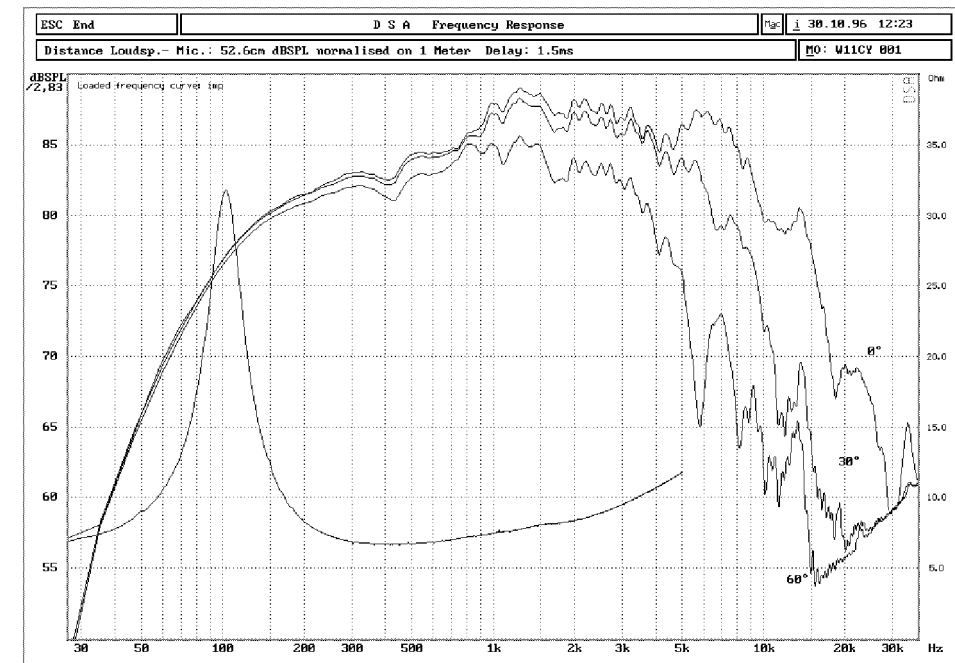
Gold-plated terminals mounted on a stiff bakelite plate to reduce contact resistance and improve reliability.

Injection moulded metal chassis to keep the critical components in perfect alignment.

NOMINAL IMPEDANCE	8 Ohms	VOICE COIL RESISTANCE	5.7 Ohms
RECOMMENDED FREQUENCY RANGE	45-4000 Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.32 mH
SHORT TERM MAXIMUM POWER *	200 W	FORCE FACTOR	5,6 N/A
LONG TERM MAXIMUM POWER*	75 W	FREE AIR RESONANCE	65 Hz
CHARACTERISTIC SENSITIVITY (1W, 1m)	86 dB SPL	MOVING MASS	5,5 g
OPERATING POWER (96 dB SPL, 1 m)	10 W	AIR LOAD MASS IN IEC BAFFLE	0.2 g
VOICE COIL DIAMETER	26 mm	SUSPENSION COMPLIANCE	1.3 mm/N
VOICE COIL HEIGHT	12 mm	SUSPENSION MECHANICAL RESISTANCE	1.3 Ns/m
AIR GAP HEIGHT	6.0 mm	EFFECTIVE PISTON AREA	50 sq.cm
LINEAR COIL TRAVEL (p-p)	6.0 mm	VAS	3,7 Litres
MAXIMUM COIL TRAVEL (p-p)	9 mm	QMS	1.79
MAGNETIC GAP FLUX DENSITY	1.10 T	QES	0.42
MAGNET WEIGHT	0.42 Kg	QTS	0.34
TOTAL WEIGHT	1.21 Kg		

* IEC 268-5

Response curve recorded in anechoic chamber (Free-field, 4 pi radiation) with 0.5m microphone distance.
The loudspeaker is mounted in a closed box of 2.5 l net. volume



Distortion on axis in % between 25 and 2000 Hz at operating power.

