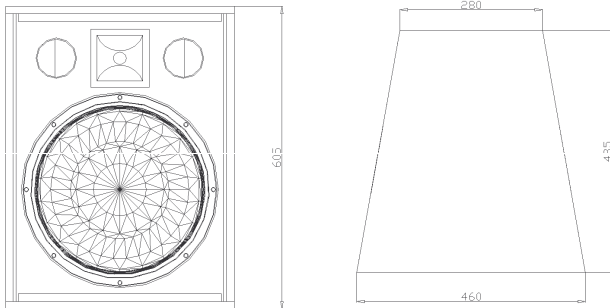


XTE 700



Description

Efficient 2 way system, "full range" with bass reflex tuned at 50 Hz, able to produce 129dB acoustic pressure, without any distortion. The tuning duct is an increasing area duct to reduce low-frequency distortions also at the highest power levels.

Features

Componenti

XTE 700 has a 15" cone woofer with a new design. The heat dispersion that is inside produced is given by a proper dissipator, which is in the low side of the basket.

The coil is wound on a kapton former in order to assure the highest thermic overload resistance (300°C).

The special spiders are made in SD (silicon damped) technology, in order to guarantee the highest efficiency at high power levels. The weather resistance is good thanks to water repellent cone and to the unalterable horn, moulded with special resins.

The tweeter is provided with a constant directivity horn 90°x90°, together with a 1" compression driver.

The driver diaphragm is in carbon fiber with a special equalizer of a static air pressure. The coil is wrapped on a very rigid fiber-glass support for the best electroacoustic efficiency.

Filtro

The XTE 700 has a 2 way crossover filter with 12db/oct high pass and low pass.

It is made using professional components as air coils, 250V soundproofing capacitors, high dissipation resistances.

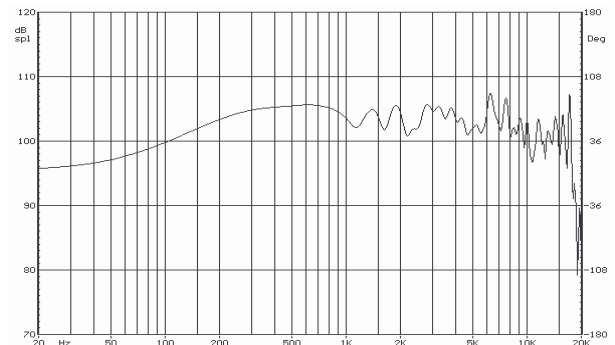
The filter has an inductive compensation system for the woofer and an equalization system for the tweeter.

Cabinet

The loudspeaker cabinet is made with a 19 mm special wood mixture that is able to resist at any mechanical stress without vibrating.

The cabinet is externally covered in Agugliato HDSC (Heavy Duty Speaker Cover).

Frequency Response



Technical Specifications

MODEL	XTE 700
Power handling RMS	350W
Power handling Music	700W
Power handling Peak	1400W
Frequency response	45 ÷ 19k Hz
Vert. Dispersion angle (-6dB)	90°
Horz. Dispersion angle (-6dB)	90°
Impedance (nominal f.r.)	4 Ohm
Sensitivity (1W@1m)	100 dB
Peak SPL (@1m)	129 dB
Continuous SPL (@1m)	123 dB
Crossover frequency	1,8k Hz
Transducers	
LF sub system	1 x 15"
Nominal Impedance	4 Ohm
Input power rating	300W
Sensitivity (1W@1m)	96,5 dB
Calculated Max SPL (@1m)	119,5 dB
HF sub system	1 x 1"
Nominal Impedance	8 Ohm
Input power rating	40W
Sensitivity (1W@1m)	106,5 dB
Calculated Max SPL (@1m)	122,5 dB
Physical	
Enclosure	HDSC
Input connectors	2 x NL4FC Speakon
Dimensions (WxHxD)	460 x 605 x 485mm
Weight - Net	21,5kg

XTE Electronic reserve the right to make changes to the drawings and specifications at any time and without notice.

XTE electronic

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