

## PROFESSIONAL LOUDSPEAKER



### GENERALITIES

Efficient 2 way system, "full range" with bass reflex tuned at 55 Hz, able to produce 127 dB acoustic pressure, without any distortion. The tuning duct is an increasing area duct to reduce low-frequency distortions also at the highest power levels.

### COMPONENTS

E12 has as woofer a 12" cone loudspeaker 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).

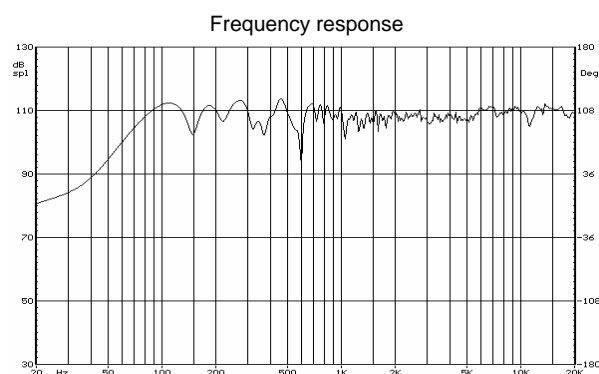
The tweeter is made by a constant directivity (90°x75°) horn, with a 1" compression driver, that has a carbon fibre diaphragm.

### FILTER

The E12 has a 2 way crossover filter with 12 db/oct high pass and low pass. The filter has an inductive compensation system for the woofer and an equalization system for the tweeter. The tweeter protection is of high musical quality without any particular distortion of the highest signals.

### MODELS

It is available the E12/A model, that is an active 2 way bi-amplified loudspeaker.



### TECHNICAL FEATURES

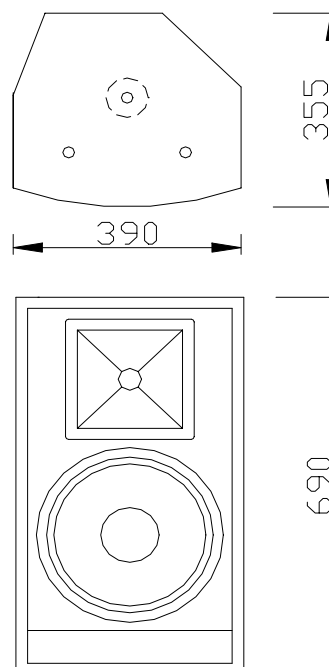
Power handling RMS .....	350W
Power handling Music .....	550W
Power handling Peak .....	1100W
Frequency response .....	50 ÷ 19k Hz
Vert. Coverage angle (-6dB) .....	75°
Horz. Coverage angle (-6dB) .....	90°
Impedance (nominal f.r.) .....	8 Ohm
Sensitivity (1W@1m) .....	97 dB/W/m
Peak SPL (@1m) .....	127 dB/m
Continuous SPL (@1m) .....	122 dB/m
Crossover frequency .....	2,5k Hz

### Transducers

LF sub system .....	1 x 12" SE12D8-8
LF sub system E12/A .....	1 x 12" SE12D4-4
Nominal Impedance .....	8 Ohm
Input power rating .....	300W
Continuous program .....	600W
Sensitivity (1W@1m) .....	97 dB/W/m
Calculated Max SPL (@1m) .....	121 dB/m
HF sub system .....	1 x 1" CDB21
Nominal Impedance .....	8 Ohm
Input power rating .....	25W
Continuous program .....	50W
Sensitivity (1W@1m) .....	106 dB/W/m
Calculated Max SPL (@1m) .....	122 dB/m
1" Professional horn .....	PH9075
Polar pattern .....	90°x75°

### Physical

Enclosure .....	HDSC
Input connectors .....	2 x NL4FC Speakon
Dimensions (LxHxP) .....	390 x 690 x 355mm
Weight .....	20kg (26kg E12/A)



In compliance with European Standards C E - Certified by Italian Quality Institute

# peecker sound

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