

EVENT 4000

High-efficiency high-intelligibility three-way speaker system



The EVENT 4000 professional speaker system is a three-way system in bass reflex configuration. The outstanding feature of this acoustic system is its ability to reproduce signals with continuous power of 400 W RMS and peak power of 1600 W, while maintaining excellent intelligibility over the entire sound spectrum, particularly in the vocal range. The EVENT 4000 is also characterized by excellent response curve linearity and good balance over the entire audio range.

Used in conjunction with the ESW 1018 subwoofer, the EVENT 4000 creates a system that extends the low range down to 38 Hz.

COMPONENTS

The 380 mm (15") woofer features sensitivity of 99 dB (1W/1m) with a 3" voice coil.

The 200 mm (8") midrange features sensitivity of 102 dB (1W/1m). The exponential profile cone is water-repellent with a high attenuation factor, and has been optimized for the best response to transients and perfect sound definition with uniform roll-off. The midrange is inserted into a spe-

cially calculated volume open toward the outside to permit ventilation.

The high frequencies are handled by a tweeter with sensitivity of 104 dB (1W/1m), dome diaphragm in Mylar, and a 25 mm coil wound in flat aluminium wire. The tweeter is coupled with a horn in pressure die-cast aluminium that provides a 100°x50° angle of coverage.

ACCESSORIES

SP SPEAKER STAND - Support in light-weight aluminium for easy speaker positioning.

EA 1 - Accessory consisting of 3 steel supports to fasten to the enclosure for flying installation.

EA 3 - Steel rod for positioning the speaker above a subwoofer.

Applications

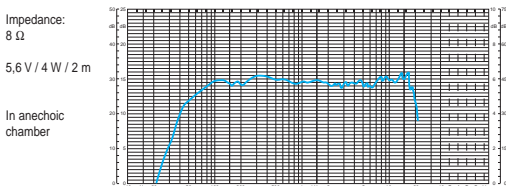
EVENT 4000
EVENT 4000+ESW 1018
EVENT 4000+ESW 1018+XEQ

VOICE	LIVE MUSIC	DISCO MUSIC
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Specifications

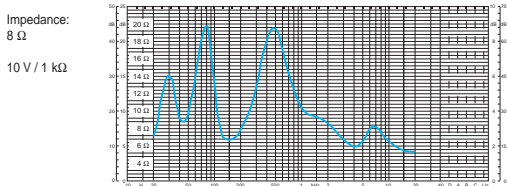
CODE NO.	131.10.120
TYPE OF ENCLOSURE	3-way bass reflex
CONTINUOUS POWER	400 W RMS
MUSICAL POWER	800 W (RMS : 0,5 sec. ON - 0,5 sec. OFF)
PEAK POWER	1600 W (400 W RMS + CREST FACTOR 6 dB)
FREQUENCY RESPONSE	48 - 20000 Hz
SENSITIVITY (1W/1m)	99 dB SPL in anechoic chamber
MAXIMUM SOUND PRESSURE	126 dB 1 m in anechoic chamber (400 W RMS)
IMPEDANCE	8 Ohm
CROSSOVER FREQUENCY	300 - 3500 Hz
TYPE OF FILTER	6/6/12 dB/oct
COMPONENTS	
LOW FREQUENCY	1 woofer, Ø 380 mm (15") - 3" voice coil
MIDDLE FREQUENCY	1 midrange, Ø 200 mm (8") - 2" voice coil
HIGH FREQUENCY	1 tweeter loaded with 100° x 50° horn
TUNING FREQUENCY	45 Hz
ANGLE OF COVERAGE	100° x 50° (horn directivity)
HF PROTECTION	Dynamic
ENCLOSURE MATERIAL	Multi-layer wood - rubber finish
DIMENSIONS (BxHxL)	575 x 918 x 430 mm
COLOUR	Black
NET WEIGHT	40 Kg.
CONNECTORS	2 Neutrik "Speakon ®" connectors

Frequency response



Zero Level: 70 dB

Impedance module



Zero Level: 2 Ω