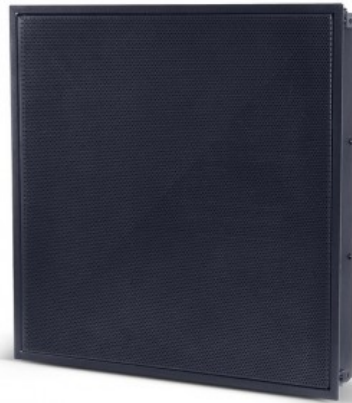




SC965P

Ceiling sound system



Overview

For all applications where you want high acoustic performance both in terms of sound pressure and audio quality, but need the sound to be focused in a small area with minimal disturbance to the surrounding area (dance floors and outdoor settings such as pubs and clubs where a separation of different areas is required etc.). Proel provides a new solution that is both innovative and highly technological. The Proel Modular Matrix Speaker system is a solution for outdoor installations where the sound needs to be contained to a specific area or in confined spaces where the sound level needs to be very different between adjacent areas. The matrix is comprised of the SC965P modular ceiling speakers, which are highly directive due to manipulation of the source interaction - minimizing noise emission in the surrounding areas. The reduction of the pressure level outside the voiced zone is very marked – and the effect is greater the larger the array size / area to be reinforced. The Proel modular matrix solution provides guaranteed results in difficult situations where the use of a traditional system results in excess sound outside the desired listening area. The matrix is highly scalable, from the minimum recommended set-up of 9 x SC965P (3 x 3 matrix) elements – (for an area of about 10 square meters), up to systems that can cover hundreds of square meters. The Proel modular matrix can be used for the reinforcement of small and medium-sized areas with an installation that is simple, fast and secure. THE SC965P module is a highly engineered ceiling speaker designed using CAE/CAM and is the foundation of the system. This low-profile 60 x 60 cm module features 9 high power, wide bandwidth speakers. The speakers themselves are designed to withstand high excursion, feature a demodulating ring at the base of the magnetic circuit which results in very low distortion levels and the serial connection and electronic protection ensure a high level of reliability. The SC965P modules can be set-up in different ways: Suspended side by side using the inbuilt connection points to give the look of a 'standard' false ceiling or suspended utilizing an optional flying mechanism. SC965P is simple to assemble, disassemble and store, and is completely sealed – requiring no additional treatment for the installation.



Technical Specifications

- Model: SC965P
- System type: full-range ceiling loudspeaker matrix element
- Frequency response: 80 Hz - 16 kHz
- Maximum SPL (peak): 120 dB @ 1m
- Components: 9 x 6.5" full range
- Nominal impedance: 36 ohm
- Sensitivity: 88,3 dB SPL (1W @ 1m)
- Power handling (AES): 400 W
- Power handling (programme): 800 W
- Horizontal coverage (-6dB): depending on array size
- Vertical coverage (-6dB): depending on array size
- Directivity index: depending on array size
- Suspension system: built in suspension system
- Connectors: 2 x Neutrik Speakon NL4MP linked
- Construction material: steel-rubber composite cabinet with internal bracing
- Finish: paint finish
- Net weight: 16 kg
- Dimensions (WxHxD): 60 x 60 x 16 cm

Related Products



DS112P

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For service, support, or more information contact:

Proel S.p.A.

Via alla Ruenia 37/43

CAP 64027 - Sant'Omero (TE) ITALY

PROEL 