



VA408i

Application:

High-quality acoustic systems for use in the malls, exhibitions, conference halls, restaurants, cafes, bars, houses of worship, etc.



VA408i loudspeaker is a system, composed of 8" full-range speakers, installed in a vertical line.

Transducers, placed as a line array system, create a cylindrical dispersion (waveform). The sound pressure level decreases by 3dB each time the distance doubles (minimum loss). As a consequence, it is possible to double coverage for the same acoustic pressure.

Due to lower level of reflections from ceiling and walls **VA408i** guarantees excellent result in reverberant acoustic conditions.

Loudspeakers, consisting of full-range speaker group, has high linear phase response, which together with their very low harmonic distortion gives very clear sound reproduction in a vocal range.

All the above mentioned features allow to ensure "long-throw" and very flat coverage of the target area. High resistance to the acoustic feedback makes the loudspeaker ideal for karaoke-bars, where non-professional users enjoy the microphone.

Excellent performance, high power, compact size and reliable mounting system allow to use loudspeaker for various sound reinforcement applications and can be easily integrated into any indoor space.

The speaker cabinet is made of metals: side walls – aluminium profile, rear, front panels and grid – steel. Cabinet coating – powder paint. The enclosure can also be custom painted to match specific color schemes.

The signal is connected via 4-pins Euroblock plug, located on the rear panel of the loudspeaker.



Compact Installation Loudspeaker

- Compact size
- Low-profile metal cabinet
- 8 x 4" full-range speakers (FaitalPRO)
- Convenient bracket for mounting the loudspeaker
- Possibility of mechanical joint of several loudspeakers

TECHNICAL DATA

Configuration and Acoustic Design

Line source loudspeaker-vertical line array.

Sealed Box

Transducer

8 x 4" dia full range speaker

Specification

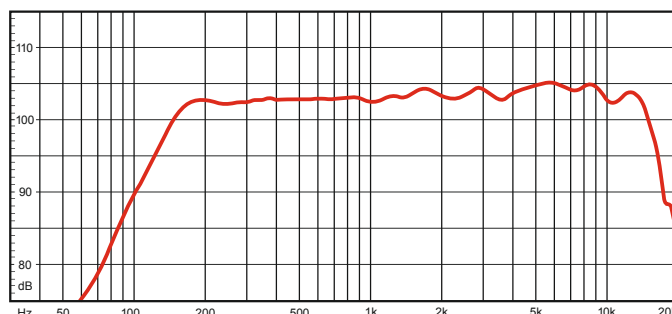
Power Handling (nom./ contin.)	240/480 W
Impedance	8 or 32 or 96 Ohms
Frequency Range	130 Hz – 17 kHz
Coverage	130°H x 15°V
Sensitivity	99 dB (1 W, 1 m)
Max. Output SPL:	
– continuous	101 dB/12 m
– peak	107 dB/12 m
Weight	8.8 kg
Dimensions	124 (W) x 855 (H) x 114 (D) mm

Note.

* Maximum SPL indicated.

For comparison purposes and in accordance with common industry practice, maximum SPL specifications are calculations based upon transducer sensitivity, amplifier output voltage and speaker impedance.

VA408i Frequency Response (processed)



Recommended PEQ:

Freq: 2000 Hz Q: 1 Gain: -3 dB

Freq: 8600 Hz Q: 2 Gain: -6 dB

Freq: 14000 Hz Q: 2 Gain: +3 dB

