



VA306i

Application:

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



VA306i loudspeaker is a system, composed of 6 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 3 dB 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 **VA306i** 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 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
- 6 x 3" 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

6 x 3" dia full range speaker

Specification

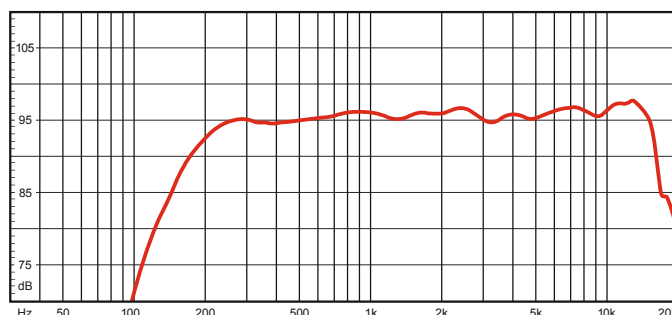
Power Handling (nom./ contin.)	120/240 W
Impedance	10 or 24 Ohms
Frequency Range	140 Hz – 17 kHz
Coverage	140°H x 20°V
Sensitivity	96dB (1W, 1m)
Max. Output SPL:	
– continuous	95 dB/12 m
– peak	101 dB/12 m
Weight	6 kg
Dimensions	105(W) x 515(H) x 114(D) mm

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.

VA306i Frequency Response (processed)



Recommended PEQ:

- Freq: 1850 Hz Q: 2 Gain: -4 dB
- Freq: 3600 Hz Q: 2 Gain: -4 dB
- Freq: 10000 Hz Q: 2 Gain: -7 dB

