



# *IO*

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After market success of AEON, which is designed for listening in near-medium field it was a challenge for us and “natural” step forward into pro-audio world to create an active nearfield studio monitor. This is how *IO* was created.

High-quality components used for construction of *IO* and well thought-out acoustic design have resulted in perfect linearity of processing, at the same time preserving natural sound timbre. Detailed music transfer and sensational stereophony make *IO* comparable only to the best in the world designs for listening in the near field.

Sturdy design and small monitor size make it an excellent proposal for discerning users having smaller listening rooms, and also those with extended sound processing systems who are looking for reference nearfield monitors.

## **Basic technical specification**

<b>IO Active Studio Monitor</b>	
<b>Fidel Monitor</b>	near
Type	active - two power amplifiers
System	Two-way
Crossover Frequency	1.5 kHz (slope: 24 dB/octave)
Dimensions: Height × Width × Depth	33 cm x 21 cm x 30 cm
Free Field Frequency Response	+/- 2 dB: 44 Hz - 30 kHz
SPL in Free Field @ 1m m	RMS: 104 dB Peak: 112 dB
Weight	13 kg
<b>Loudspeakers</b>	
Bass/Mid-Range Loudspeaker	φ 18 cm (7") Diaphragm: cellulose, surround: rubber Magnetically shielded
Tweeter Loudspeaker	φ 2.5 cm (1") in two versions: - Fabric dome - Titanium dome
<b>Amplifiers</b>	
Bass/Mid-Range Power Amplifier	70 W RMS @ 8 Ω
Tweeter Power Amplifier	70 W RMS @ 6 Ω
THD Distortions	0.005 % - Po = 5 W, f = 1 kHz 0.1 % max - Po = 0.1 up to 50 W, f = 20 Hz up to 20 kHz
Signal to Noise Ratio	103.5 dB - weighted by A curve 101 dB - in band of 20 Hz up to 20 kHz



[www.aps-company.com](http://www.aps-company.com)  
 e-mail: [info@aps-company.com](mailto:info@aps-company.com)