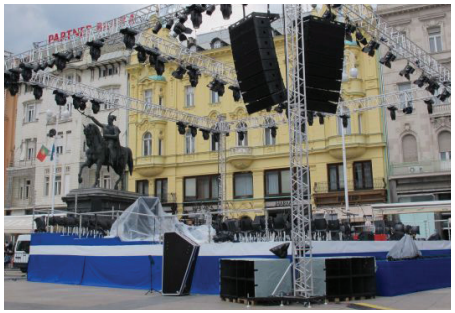
AERIS



HIGH END AUDIOPHILE SOUND QUALITY

High End Audiophile Sound Quality | Exclusive GSAR™ waveguide-horn structure throughout (1)
Four-Way Active, Maximum Acoustic Power Density | 24Hz-19500Hz ±2dB





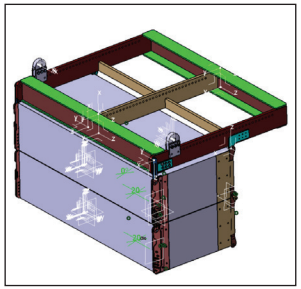
Today's demand for sound output power in large-scale sound reinforcement loudspeaker systems is immense. Use of all horn loaded loudspeaker design powered by most efficient and powerful neodymium transducers will certainly meet the power criteria.

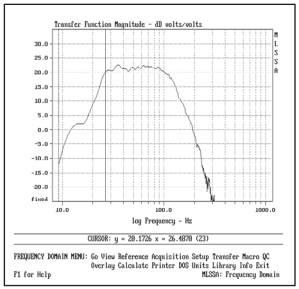
However, what our new AERIS™ sound system place in entirely new category, is an audiophile sound quality to match. Based on the advanced calculation (1), we carefully integrated specifically designed wave-guide structure into unique horn loading design achieving new standards in sound quality and power output.

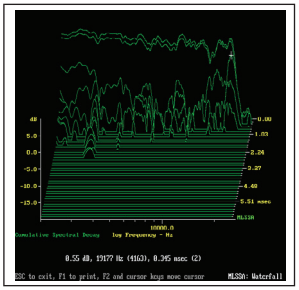
The most important practical consequences are that less space is occupied by the sound system which also weigh less and sound engineer can focus more on performers and their music because our R&D engineers and scientists did their work properly. Whether it is a heavily distorted electric guitar or large scale symphony orchestra, our active GSAR™ loudspeaker array will respond equally faithful to the sound source.



During every stage of R&D we were fully committed to our objectives. Only the finest available components-materials are used throughout. Digital amplification is meticulously optimized to produce digital-artifact free, natural "analogue" sound.







Features

- GSAR™ waveguide-horn structure throughout (1)
- Intrinsic acoustic LF directivity and enhanced long throw capability at all frequencies as a result of GSAR™ optimization
- Four-way active, DSP in each box
- Analogue and digital inputs
- WLAN and Ethernet DSP control
- Proprietary rigging system
- PSU switch mode, extensively RF filtered
- High power neodymium transducers throughout
- Forced cooling
- Weather protected power and signal connectors
- Hand-crafted

Technical specifications

Frequency response ..... 24Hz - 19500Hz ± 2dB (2)
Directivity ..... H 90deg , V adjustable
Sensitivity ..... LF-MF 108dB/W/m , HF 116 dB/W/m
Total amplifier power ..... 2500W rms LMF/MF/HF
..... 2400W rms SUB

DSP
signal processing 96KHz/48bit
dynamic range ..... >130dB
frequency response ..... 2Hz - 45000Hz
crossover filters type ..... IIR, FIR
limiter thresholds ..... rms, peak, temp.

Dimensions

SUB (W) 90cm x (H) 52cm x (D) 120cm
LF/MF/HF (W) 134cm x (H) 32cm x (D) 58cm

Weight

SUB 100 Kg
LF/MF/HF 78 Kg

(1) arXiv:1104.0893 [physics.flu-dyn]
(http://www.arxiv.com/abs/1104.0893)
(2) near-field interpolated